

**NEMSIS**

**Data Dictionary**

**NHTSA v3.4.0**

**Build 160713 Critical Patch 2**

**EMS Data Standard**

**Version Date: July 13, 2016**

### Funded by

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

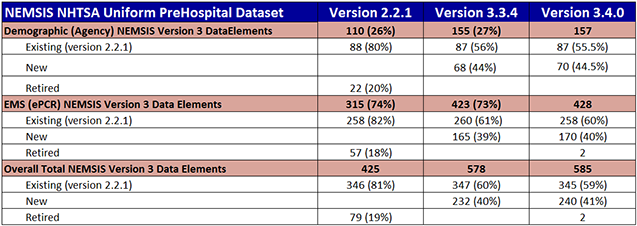
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**NEMSIS Data Dictionary Version 3.4.0**

#### NEMSIS Overview and Summary

The NEMSIS data dictionary was developed through a collaborative effort with the EMS industry including: web-based reviews, public comment periods, focus groups, industry dialogue, topic focused projects, and consensus. The National EMS Information System Version 3 represents a major revision from version 2 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, to move the NEMSIS standard into the Health Level 7 (HL7) organization for approval as an American National Standards Institute (ANSI) standard.

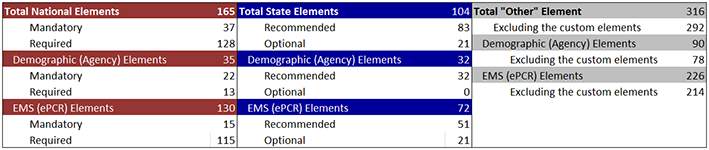
#### NEMSIS Version 3 Element Configuration from v2.2.1



NEMSIS Version 3 Element Configuration

Total Elements including the Custom Elements: 585

Excluding the Demographic and EMS (ePCR) Custom Elements: 561



#### NEMSIS Version 3.4.0 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 3.4.0, 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 Nill.)*

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 = *The data element is considered applicable to the EMS event, but was 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 Nill.)*

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 Date 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 3.4.0 Change Summary

**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.

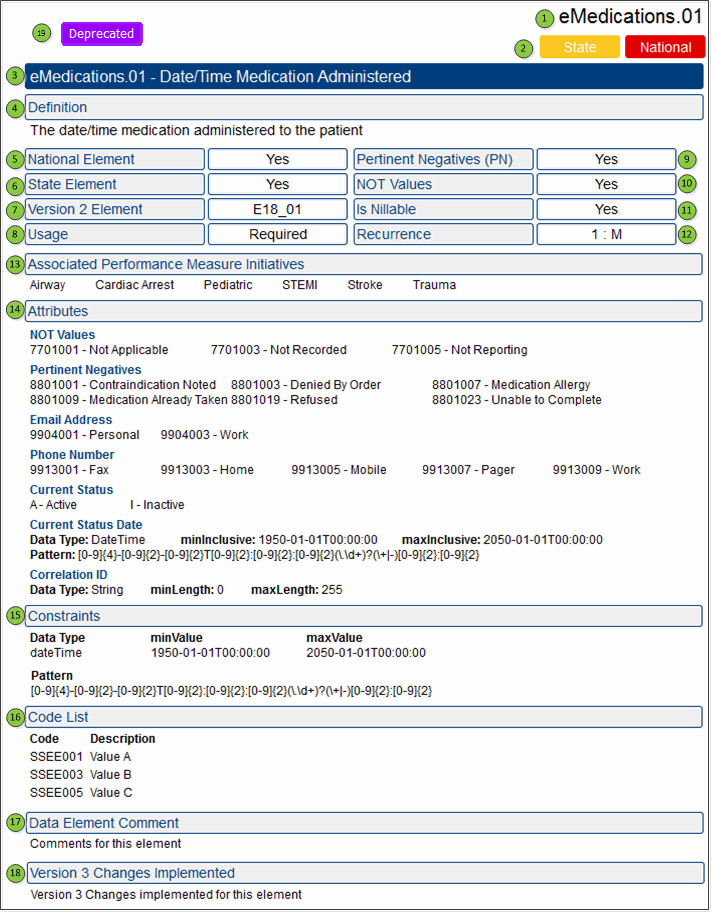
The Payment/Billing section has been greatly expanded to meet current electronic billing requirements.

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.



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# DEMDataSet

dState

DemographicReport

0 : 1

0 : 1

1 : M

1 : 1

0 : 1

1 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

dCustomConfiguration

0 : 1

DEMDataSet

dAgency

dContact

dConfiguration

dLocation

dVehicle

dPersonnel

dDevice

dFacility

#### DEMDataSet

**EMSDataSet**

EMSDataSet

0 : 1

1 : M

eState Header

1 : 1

DemographicGroup

0 : 1

1 : 1

1 : 1

1 : 1

eCustomConfiguration

dAgency.01 - EMS Agency Unique State ID dAgency.02 - EMS Agency Number dAgency.04 - EMS Agency State

N S M

N S M

N S M

1 : M

PatientCareReport

1 : 1

eRecord

1 : 1

eResponse

1 : 1

eDispatch

0 : 1

eCrew

1 : 1

eTimes

1 : 1

ePatient

1 : 1

ePayment

1 : 1

eScene

1 : 1

eSituation

1 : 1

eInjury

1 : 1

eArrest

1 : 1

eHistory

0 : 1

eNarrative

1 : 1

eVitals

0 : 1

eLabs

0 : 1

eExam

1 : 1

eProtocols

1 : 1

eMedications

1 : 1

eProcedures

0 : 1

eAirway

0 : 1

eDevice

1 : 1

eDisposition

1 : 1

0 : 1

1 : 1

eOutcome eCustomResults

#### EMSDataSet

# dState



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

dState.01 - State Required Element

0 : M

O

dState

#### dState

NEMSIS Version 3.4.0.160713CP2

dState.01

dState.01 - State Required Element

###### 

Definition

Indicates which elements are required by the state.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

TIMESTAMP

**Data Type:** String

Pattern

**minInclusive:** 1950-01-01T00:00:00-00:00

**maxInclusive:** 2050-01-01T00:00:00-00:00

[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}

###### 

Constraints

Data Type

string

minLength

1

maxLength

100

###### 

Data Element Comment

This element was created to document elements required by the state. The TIMESTAMP attribute describes the active date of

the element.

# dCustomConfiguration



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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | dCustomConfiguration.09 - Custom Data Element Grouping ID | O |

#### dCustomConfiguration

dCustomConfiguration.CustomGroup

dCustomConfiguration.08 - Custom Data Element Potential Pertinent Negative Values (

0 : M

1 : 1

M

1 : 1

M

1 : 1

M

1 : 1

M

1 : 1

M

0 : M

O

0 : M

O

0 : M

PON)

dCustomConfiguration.01 - Custom Data Element Title

dCustomConfiguration.02 - Custom Definition

dCustomConfiguration.03 - Custom Data Type

dCustomConfiguration.04 - Custom Data Element Recurrence

dCustomConfiguration.05 - Custom Data Element Usage

dCustomConfiguration.06 - Custom Data Element Potential Values

dCustomConfiguration.07 - Custom Data Element Potential NOT Values (NV)

dCustomConfiguration

dCustomConfiguration.01 - Custom Data Element Title

###### 

Definition

This is the title of the custom data element created to collect information that is not defined formally in NEMSIS Version 3.

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

Attributes

nemsisElement

**Data Type:** anySimpleType **whiteSpace:** preserve

###### 

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

This is grouped with all data elements in this section and can have multiple instances.

Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the NEMSIS Version 3 standard.

dCustomConfiguration.02 - Custom Definition

###### 

Definition

The definition of the custom element and how it should be used.

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

Constraints

Data Type

string

minLength

0

maxLength

255

###### 

Data Element Comment

dCustomConfiguration.03 - Custom Data Type

###### 

Definition

The data type of the custom element.

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

Code List

Code Description

9902001 Binary

9902003 Date/Time

9902005 Integer/Number

9902007 Other

9902009 Text/String

9902011 Boolean

Data Element Comment

dCustomConfiguration.04 - Custom Data Element Recurrence

###### 

Definition

Indication if the data element will accept multiple values.

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

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

###### 

Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the NEMSIS Version 3 standard.

dCustomConfiguration.05 - Custom Data Element Usage

###### 

Definition

The Usage (Mandatory, Required, Recommended, or Optional) for the Custom Data Element.

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

Code List

Code Description

9903001 Mandatory

9903003 Required

9903005 Recommended

9903007 Optional

Data Element Comment

Mandatory = Must be completed and will not accept null values

Required = Must be completed but will accept null values Recommended = Not required but if collected will accept null values Optional = Not required but if collected, it cannot be a null value.

Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the NEMSIS Version 3 standard.

dCustomConfiguration.06 - Custom Data Element Potential Values

###### 

Definition

The values which are associated with the Custom Data Element. Values would be the choices provided to the user when they document the Custom Data Element

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

nemsisCode

**Data Type:** anySimpleType **whiteSpace:** preserve

customValueDescription

**Data Type:** anySimpleType **whiteSpace:** preserve

###### 

Constraints

Data Type

string

minLength

1

maxLength

100

###### 

Data Element Comment

Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the NEMSIS Version 3 standard.

dCustomConfiguration.07 - Custom Data Element Potential NOT Values (NV)

###### 

Definition

NOT Values (NV) associated with the custom element

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Code List

Code Description

7701001 Not Applicable

7701003 Not Recorded

7701005 Not Reporting

Data Element Comment

dCustomConfiguration.08 - Custom Data Element Potential Pertinent Negative Values (PN)

###### 

Definition

Pertinent Negative Values (PN) associated with the custom element

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Code List

Code Description

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

Data Element Comment

dCustomConfiguration.09 - Custom Data Element Grouping ID

###### 

Definition

ID for custom element grouping.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

0

maxLength

255

###### 

Data Element Comment

**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

1 : 1

0 : 1

1 : 1

1 : M

dAgency.01 - EMS Agency Unique State ID dAgency.02 - EMS Agency Number dAgency.03 - EMS Agency Name dAgency.04 - EMS Agency State dAgency.AgencyServiceGroup

N S M

N S M

S E N, L N S M

C

1 : 1

1 : M

1 : M

1 : M

dAgency.05 - EMS Agency Service Area States dAgency.06 - EMS Agency Service Area County(ies) dAgency.07 - EMS Agency Census Tracts dAgency.08 - EMS Agency Service Area ZIP Codes

N S M

N S M

N S R

N S R

C

N, L C

N, L C

1 : 1

1. : M

1 : 1

1 : 1

1 : 1

1 : 1

1. : M

dAgency.09 - Primary Type of Service dAgency.10 - Other Types of Service dAgency.11 - Level of Service dAgency.12 - Organization Status dAgency.13 - Organizational Type

dAgency.14 - EMS Agency Organizational Tax Status dAgency.AgencyYearGroup

N S M

S E N, L C N S M

N S M

N S M

N S M C

1 : 1

1 : 1

1 : 1

1 : 1

1 : 1

1 : 1

1 : 1

dAgency.15 - Statistical Calendar Year dAgency.16 - Total Primary Service Area Size dAgency.17 - Total Service Area Population

dAgency.18 - 911 EMS Call Center Volume per Year dAgency.19 - EMS Dispatch Volume per Year dAgency.20 - EMS Patient Transport Volume per Year dAgency.21 - EMS Patient Contact Volume per Year

N S M

N S R

N S R

N S R

N S R

N S R

N S R

N, L

N, L

N, L

N, L

N, L

N, L

0 : 1

dAgency.22 - EMS Billable Calls per Year

S E N, L

0 : 1

0 : 1

1 : M

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1 : M | dAgency.26 - Fire Department ID Number | N | S | R | N, L | C |

dAgency.23 - EMS Agency Time Zone

dAgency.24 - EMS Agency Daylight Savings Time Use dAgency.25 - National Provider Identifier

O O

N S R

N, L C

#### dAgency

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

string

minLength

1

maxLength

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.

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

string

minLength

1

maxLength

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

dAgency.03 - EMS Agency Name

Definition

The formal name of the agency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D01\_02 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

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

Pattern

[0-9]{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>

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

Pattern

[0-9]{2}

Data Element Comment

Each state is captured as a group where the EMS agency provides service. The group includes dAgency.05, dAgency.06,

dAgency.07, and Agency.08.

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>

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

Definition

The county(ies) 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

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Constraints

Pattern

[0-9]{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 (3-digit). GNIS Codes Website: <http://geonames.usgs.gov/domestic/download_data.htm>

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

Constraints

Pattern

[0-9]{11}

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.

The format of the census tract number must be an 11-digit number, based upon the 2010 census, using the pattern: 2-digit State Code 3-digit County Code 6-digit Census Tract Number (no decimal)

Example: NEMSIS TAC office (UT, Salt Lake County, Census Tract - located at 295 Chipeta Way, Salt Lake City, UT) 49035101400

Census Tract Data Website (files and descriptions): <http://www.census.gov/geo/maps-data/data/tract_rel_download.html>

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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/](http://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/) Product: USA - 5-digit ZIP Code Database, Commercial Edition

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

9920011 Hazmat

9920013 Medical Transport (Convalescent, Interfacility Transfer Hospital and Nursing Home) 9920015 Rescue

9920017 Community Paramedicine 9920019 Critical Care (Ground)

Data Element Comment

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

##### State

dAgency.10 - Other Types of Service

Definition

The other service type(s) which are provided by the agency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D01\_06 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

Code Description

9920001 911 Response (Scene) with Transport Capability 9920003 911 Response (Scene) without Transport Capability 9920005 Air Medical

9920007 ALS Intercept

9920011 Hazmat

9920013 Medical Transport (Convalescent, Interfacility Transfer Hospital and Nursing Home) 9920015 Rescue

9920017 Community Paramedicine 9920019 Critical Care (Ground)

Data Element Comment

If no other services are provided beyond the Primary Service Type, Not Applicable should be used. This should include all of

the types of services not listed in (dAgency.09) Primary Type of Service.

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 (EMT)

9917007 2009 Paramedic

9917009 First Responder

9917011 EMT-Basic

9917013 EMT-Intermediate

9917015 EMT-Paramedic

9917019 Physician

9917021 Critical Care Paramedic 9917023 Community Paramedicine

9917025 Nurse Practitioner

9917027 Physician Assistant

9917029 Licensed Practical Nurse (LPN) 9917031 Registered Nurse

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.

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).

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).

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 (e.g., Government) 1018005 Not For Profit

Data Element Comment

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

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

integer

minInclusive

1900

maxInclusive

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

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

positiveInteger

minInclusive

1

maxInclusive

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

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

positiveInteger

minInclusive

1

maxInclusive

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.

dAgency.18 - 911 EMS Call Center Volume per Year

Definition

The number of 911 calls received by the call center during the 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

positiveInteger

minInclusive

1

maxInclusive

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"

dAgency.19 - EMS Dispatch Volume per Year

Definition

The number of EMS dispatches during the 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

positiveInteger

minInclusive

1

maxInclusive

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.

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

positiveInteger

minInclusive

1

maxInclusive

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.

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

positiveInteger

minInclusive

1

maxInclusive

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

dAgency.22 - EMS Billable Calls per Year

Definition

The number of EMS patient encounters which are billable based on the last calendar year.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D01\_18 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

positiveInteger

minInclusive

1

maxInclusive

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.

dAgency.23 - EMS Agency Time Zone

###### 

Definition

The time zone for the EMS Agency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D01\_19 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

1027001 All other time zones 1027003 GMT-04:00 Atlantic Time 1027005 GMT-05:00 Eastern Time 1027007 GMT-06:00 Central Time 1027009 GMT-07:00 Mountain Time 1027011 GMT-08:00 Pacific Time 1027013 GMT-09:00 Alaska

1027015 GMT-10:00 Hawaii

1027017 GMT-11:00 Midway Island, Samoa

Data Element Comment

Associated with each of the EMS Agency Number (dAgency.02). If more than one Time Zone is located within the EMS

Agency service area, please chose the time zone covering the greatest volume of EMS events.

dAgency.24 - EMS Agency Daylight Savings Time Use

###### 

Definition

Indicate if the EMS Agency conforms to Daylight Savings Time.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D01\_20 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

Associated with each of the EMS Agency Number (dAgency.02). If the EMS Agency service area contains areas with

variations in Daylight Savings Time implementation, choose the response which best represents the majority of the EMS events.

dAgency.25 - National Provider Identifier

Definition

The National Provider Identifier issued by CMS.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

Constraints

Data Type

string

length

10

###### 

Data Element Comment

Only EMS Agencies billing for service will have an NPI number.

CMS (Centers for Medicare and Medicaid Services) NPI Registry lookup: https://npiregistry.cms.hhs.gov/

dAgency.26 - Fire Department ID Number

Definition

The state assigned Fire Department ID Number for EMS Agency(ies) 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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

1

maxLength

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.

# dContact



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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | dContact.16 - EMS Medical Director Fellowship Trained Status | O |

#### dContact

dContact.ContactInfoGroup

C

dContact.01 - Agency Contact Type

S

E

N, L

dContact.02 - Agency Contact Last Name

S

E

N, L

dContact.03 - Agency Contact First Name

S

E

N, L

dContact.05 - Agency Contact Address

S

E

N, L

dContact.06 - Agency Contact City

S

E

N, L

dContact.07 - Agency Contact State

S

E

N, L

dContact.08 - Agency Contact ZIP Code

S

E

N, L

0 : M

dContact.10 - Agency Contact Phone Number

S

E

N, L

C

0 : M

dContact.11 - Agency Contact Email Address

S

E

N, L

C

dContact.12 - EMS Agency Contact Web Address

S

E

N, L

dContact.EMSMedicalDirectorGroup

dContact.13 - Agency Medical Director Degree

S

E

N, L

0 : M

dContact.14 - Agency Medical Director Board Certification Type

S

E

N, L

C

dContact.15 - Medical Director Compensation

O

0 : M

0 : 1

0 : 1

0 : 1

0 : 1

O

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

O

0 : 1

0 : 1

0 : 1

0 : 1

dContact.04 - Agency Contact Middle Name/Initial

dContact.09 - Agency Contact Country

dContact

dContact.01 - Agency Contact Type

Definition

The contact type within the EMS agency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

1101001 Administrative Assistant

1101003 EMS Agency Director/Chief/Lead Administrator/CEO 1101005 EMS Assistant Agency Director/Chief/Administrator/CEO 1101007 EMS Assistant Medical Director

1101009 EMS IT/Data Specialist 1101011 EMS Medical Director

1101013 EMS Quality/Performance Improvement Specialist 1101015 EMS Training/Education Specialist

1101017 Other

Data Element Comment

dContact.02 - Agency Contact Last Name

Definition

The Last Name of the agency's primary contact.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D02\_01 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

1

maxLength

60

###### 

Data Element Comment

dContact.03 - Agency Contact First Name

Definition

The first name of the agency's primary contact.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D02\_03 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

dContact.04 - Agency Contact Middle Name/Initial

###### 

Definition

The middle name or initial of the agency's primary contact.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D02\_02 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

dContact.05 - Agency Contact Address

Definition

The street address of the agency contact's mailing address.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D02\_04 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

StreetAddress2 Data Type: string

7701003 - Not Recorded

minLength: 1

7701005 - Not Reporting

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.

dContact.06 - Agency Contact City

Definition

The city of the EMS contact's mailing address.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D02\_05 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Data Element Comment

The city should be the mailing address for each contact type for the EMS agency. The EMS agency primary address

information (e.g., City) should be entered for the Agency Contact Type (dContact.05) “EMS Agency Director/Chief/Lead Administrator/CEO”.

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website. [GNIS Codes Website: http://geonames.usgs.gov/domestic/download\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

dContact.07 - Agency Contact State

Definition

The state of the Agency contact's mailing address.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D02\_06 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Pattern

[0-9]{2}

Data Element Comment

The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency. Based on the state

ANSI Code. For individuals living outside the USA full address to be entered in the address line. GNIS Codes Website: <http://geonames.usgs.gov/domestic/download_data.htm>

dContact.08 - Agency Contact ZIP Code

Definition

The ZIP code of the Agency's contact's mailing address.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D02\_07 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

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

The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.

Zip Codes Product Website: [https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/](http://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/) Product: USA - 5-digit ZIP Code Database, Commercial Edition.

dContact.09 - Agency Contact Country

###### 

Definition

The Country code of the Agency's contact's mailing address.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

CA Canada

MX Mexico

US United States

Data Element Comment

The International Organization for Standardization (ISO) ISO 3166-1-alpha-2 code element for the country. The address for

the director/chief/lead administrator/CEO/ should be the main address for the EMS agency. For individuals living outside the USA full address to be entered in the address line.

ANSI Country Codes (ISO 3166): <http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm>

dContact.10 - Agency Contact Phone Number

Definition

Agency contact phone number.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D02\_08 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

**PhoneNumberType**

9913001 - Fax

9913007 - Pager

7701003 - Not Recorded

minLength: 0

9913003 - Home

9913009 - Work

7701005 - Not Reporting

**maxLength:** 255

9913005 - Mobile

###### 

Constraints

Pattern

[2-9][0-9][0-9]-[2-9][0-9][0-9]-[0-9][0-9][0-9][0-9]

Data Element Comment

dContact.11 - Agency Contact Email Address

Definition

The primary email address of the Agency contact.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D02\_10 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

**EmailAddressType**

9904001 - Personal

7701003 - Not Recorded

minLength: 0

9904003 - Work

7701005 - Not Reporting

**maxLength:** 255

|  |  |  |
| --- | --- | --- |
| Constraints |  | |
| **Data Type** | **minLength** | **maxLength** |
| string | 3 | 100 |
| **Pattern**  .+@.+ |  |  |

Data Element Comment

The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.

dContact.12 - EMS Agency Contact Web Address

Definition

The primary website address of the agency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D02\_11 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

3

maxLength

255

###### 

Data Element Comment

The EMS agency website address should be entered for the Agency Contact Type (dContact.05) "EMS Agency

Director/Chief/Lead Administrator/CEO". The EMS agency website address or other websites are optional for other contact types (e.g., Administrative Assistant, EMS Medical Director, etc.).

dContact.13 - Agency Medical Director Degree

Definition

The medical school degree type of the EMS Medical Director.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

**Code Description** 1113001 Doctor of Medicine 1113003 Doctor of Osteopathy

Data Element Comment

The Medical Director Information has been merged into Section dContact. This data element is now associated with the

Medical Director and Assistant Medical Director Contacts in Section dContact.

dContact.14 - Agency Medical Director Board Certification Type

Definition

Documentation of the type of board certification of the EMS Agency Medical Director.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

Code Description

1114001 Allergy and Immunology 1114003 Anesthesiology

1114005 Colon and Rectal Surgery 1114007 Dermatology

1114009 Emergency Medicine

1114011 Family Medicine

1114013 Internal Medicine

1114015 Neurological Surgery

1114017 Neurology

1114019 None (Not Board Certified) 1114021 Obstetrics and Gynecology 1114023 Ophthalmology

1114025 Orthopedic Surgery

1114027 Otolaryngology

1114029 Pediatrics

1114031 Physical Medicine and Rehabilitation 1114033 Plastic Surgery

1114035 Psychiatry

1114037 Surgery

1114039 Thoracic Surgery

1114041 Urology

1114043 Vascular Surgery

Data Element Comment

This is based on the American Board of Medical Specialties List of Certifications. The Medical Director Information from

Section D02 of NEMSIS Version 2.2.1 has been merged into Version 3 Section dContact.

dContact.15 - Medical Director Compensation

###### 

Definition

Indication of Medical Director's Compensation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

1115001 Compensated

1115003 Non-Compensated

Data Element Comment

This element applies to the Medical Director(s) for an EMS agency (EMS Medical Director and EMS Assistant Medical

Director).

dContact.16 - EMS Medical Director Fellowship Trained Status

###### 

Definition

Indication if the EMS Medical Director is Fellowship trained.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

# 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 C

1 : 1

1 : M

1 : M

1 : M

1 : M

1 : M

dConfiguration.01 - State Associated with the Certification/Licensure Levels dConfiguration.02 - State Certification/Licensure Levels

dConfiguration.03 - Procedures Permitted by the State dConfiguration.04 - Medications Permitted by the State dConfiguration.05 - Protocols Permitted by the State dConfiguration.ProcedureGroup

N S M

N S M

N S R

N S R

N S R

C

N, L C

N, L C

N, L C C

1 : 1

1 : M

dConfiguration.06 - EMS Certification Levels Permitted to Perform Each Procedure dConfiguration.07 - EMS Agency Procedures

N S M

N S M C

1 : M

dConfiguration.MedicationGroup C

1 : 1

1 : M

dConfiguration.08 - EMS Certification Levels Permitted to Administer Each Medication dConfiguration.09 - EMS Agency Medications

N S M

N S M C

1 : M

1 : M

0 : 1

dConfiguration.12 - Billing Status

dConfiguration.10 - EMS Agency Protocols dConfiguration.11 - EMS Agency Specialty Service Capability

N S M C N S M C O

1 : 1

dConfiguration.13 - Emergency Medical Dispatch (EMD) Provided to EMS Agency ServicNe ASreaM

1. : M
2. : M

1 : M

|  |  |  |  |
| --- | --- | --- | --- |
| 0 : M | dConfiguration.17 - Dispatch Center (CAD) Name or ID | O | C |

dConfiguration.14 - EMD Vendor

dConfiguration.15 - Patient Monitoring Capability(ies) dConfiguration.16 - Crew Call Sign

S E N, L C N S M C N S M C

#### dConfiguration

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

Pattern

[0-9]{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.

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 |

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

9911001 2009 Advanced Emergency Medical Technician (AEMT) 9911003 2009 Emergency Medical Responder (EMR)

9911005 2009 Emergency Medical Technician (EMT)

9911007 2009 Paramedic

9911009 EMT-Basic

9911011 EMT-Intermediate

9911013 EMT-Paramedic

9911015 First Responder

9911019 Other

9911021 Physician

9911023 Critical Care Paramedic 9911025 Community Paramedicine

9911027 Nurse Practitioner

9911029 Physician Assistant

9911031 Licensed Practical Nurse (LPN) 9911033 Registered Nurse

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.

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

Constraints

Data Type

integer

maxInclusive

999999999999999

minInclusive

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](http://nemsis.org/v3/resources.html) SNOMEDCT

[Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed\_main.html](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.

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

2

maxLength

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](http://nemsis.org/v3/resources.html)

RxNorm

[Website - http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/)

Product - UMLS Metathesaurus

[Website - http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html](http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html) Product - RxNorm Full Monthly Release

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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 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 General-Overdose/Poisoning/Toxic Ingestion

9914137 Medical-Pulmonary Edema/CHF

9914139 Medical-Respiratory Distress/Asthma/COPD/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

9914167 Exposure-Carbon Monoxide 9914169 Cardiac Arrest-Do Not Resuscitate

9914171 Cardiac Arrest-Special Resuscitation Orders 9914173 Exposure-Smoke Inhalation

9914175 General-Community Paramedicine / Mobile Integrated Healthcare 9914177 General-Exception Protocol

9914179 General-Extended Care Guidelines 9914181 General-Interfacility Transfers

9914183 General-Law Enforcement - Blood for Legal Purposes

9914185 General-Law Enforcement - Assist with Law Enforcement Activity 9914187 General-Neglect or Abuse Suspected

9914189 General-Refusal of Care 9914191 Injury-Mass/Multiple Casualties

9914193 Injury-Thoracic

9914195 Medical-Adrenal Insufficiency

9914197 Medical-Apparent Life Threatening Event (ALTE) 9914199 Medical-Tachycardia

9914201 Cardiac Arrest-Determination of Death / Withholding Resuscitative Efforts 9914203 Injury-Conducted Electrical Weapon (e.g., Taser)

9914205 Injury-Facial Trauma

9914207 Injury-General Trauma Management 9914209 Injury-Lightning/Lightning Strike

9914211 Injury-SCUBA Injury/Accidents 9914213 Injury-Topical Chemical Burn

9914215 Medical-Beta Blocker Poisoning/Overdose

9914217 Medical-Calcium Channel Blocker Poisoning/Overdose

9914219 Medical-Opioid Poisoning/Overdose

9914221 Medical-Respiratory Distress-Bronchiolitis

9914223 Medical-Respiratory Distress-Croup

9914225 Medical-Stimulant Poisoning/Overdose

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.

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 (EMT)

9917007 2009 Paramedic

9917009 First Responder

9917011 EMT-Basic

9917013 EMT-Intermediate

9917015 EMT-Paramedic

9917019 Physician

9917021 Critical Care Paramedic 9917023 Community Paramedicine

9917025 Nurse Practitioner

9917027 Physician Assistant

9917029 Licensed Practical Nurse (LPN) 9917031 Registered Nurse

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.

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

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Constraints

Data Type

integer

maxInclusive

999999999999999

minInclusive

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](http://nemsis.org/v3/resources.html) SNOMEDCT

[Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed\_main.html](http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html) Product: Product - UMLS Metathesaurus

dConfiguration.08 - EMS Certification Levels 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 (EMT)

9917007 2009 Paramedic

9917009 First Responder

9917011 EMT-Basic

9917013 EMT-Intermediate

9917015 EMT-Paramedic

9917019 Physician

9917021 Critical Care Paramedic 9917023 Community Paramedicine

9917025 Nurse Practitioner

9917027 Physician Assistant

9917029 Licensed Practical Nurse (LPN) 9917031 Registered Nurse

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.

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

Attributes

CorrelationID

|  |  |  |
| --- | --- | --- |
| **Data Type:** string | **minLength:** 0 | **maxLength:** 255 |
| Constraints |  |  |
| **Data Type** | **minLength** | **maxLength** |
| string | 2 | 7 |

Data Element Comment

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

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](http://uts.nlm.nih.gov/)

Product - UMLS Metathesaurus

[Website - http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html](http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html) Product - RxNorm Full Monthly Release

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

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

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 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 General-Overdose/Poisoning/Toxic Ingestion

9914137 Medical-Pulmonary Edema/CHF

9914139 Medical-Respiratory Distress/Asthma/COPD/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

9914167 Exposure-Carbon Monoxide 9914169 Cardiac Arrest-Do Not Resuscitate

9914171 Cardiac Arrest-Special Resuscitation Orders 9914173 Exposure-Smoke Inhalation

9914175 General-Community Paramedicine / Mobile Integrated Healthcare 9914177 General-Exception Protocol

9914179 General-Extended Care Guidelines 9914181 General-Interfacility Transfers

9914183 General-Law Enforcement - Blood for Legal Purposes

9914185 General-Law Enforcement - Assist with Law Enforcement Activity 9914187 General-Neglect or Abuse Suspected

9914189 General-Refusal of Care 9914191 Injury-Mass/Multiple Casualties

9914193 Injury-Thoracic

9914195 Medical-Adrenal Insufficiency

9914197 Medical-Apparent Life Threatening Event (ALTE) 9914199 Medical-Tachycardia

9914201 Cardiac Arrest-Determination of Death / Withholding Resuscitative Efforts 9914203 Injury-Conducted Electrical Weapon (e.g., Taser)

9914205 Injury-Facial Trauma

9914207 Injury-General Trauma Management 9914209 Injury-Lightning/Lightning Strike

9914211 Injury-SCUBA Injury/Accidents 9914213 Injury-Topical Chemical Burn

9914215 Medical-Beta Blocker Poisoning/Overdose

9914217 Medical-Calcium Channel Blocker Poisoning/Overdose 9914219 Medical-Opioid Poisoning/Overdose

9914221 Medical-Respiratory Distress-Bronchiolitis

9914223 Medical-Respiratory Distress-Croup

9914225 Medical-Stimulant Poisoning/Overdose

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 |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

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

dConfiguration.12 - Billing Status

###### 

Definition

Indication of whether the EMS agency routinely bills for any segment of the patient population.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D04\_10 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

Billing status is associated with each EMS Agency for the specific EMS Agency Number (dAgency.02).

###### 

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

dConfiguration.14 - EMD Vendor

Definition

The vendor or company associated with the EMD Card set and algorithms.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D04\_17 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

###### 

State

National

dConfiguration.15 - Patient Monitoring Capability(ies)

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

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

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 |

|  |  |  |
| --- | --- | --- |
| Attributes |  | |
| **CorrelationID** |  |  |
| **Data Type:** string | **minLength:** 0 | **maxLength:** 255 |
| Constraints |  |  |
| **Data Type** | **minLength** | **maxLength** |
| string | 1 | 50 |

Data Element Comment

dConfiguration.17 - Dispatch Center (CAD) Name or ID

###### 

Definition

The name or ID of the dispatch center (Primary or Secondary Service Answering Point - PSAP) that dispatches the EMS agency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

This element can be used to identify the dispatch center (Primary or Secondary Service Answering Point - PSAP) that

dispatches the EMS agency. If the EMS agency is able to populate the Patient Care Report (PCR) with CAD specific details (times, incident address information, crew information, EMD, etc.) the name or ID of the dispatch center should be documented. Information in dConfiguration.17 may be used to populate eDispatch.04 - Computer Aided Dispatch (CAD) Name or ID if a CAD integration exists.

Version 3 Changes Implemented

Added to the dataset to assist in identifying the CAD / dispatch center providing information to the EMS agency and ePCR

when there are multiple dispatch centers sending resources to the same EMS incident.

# dLocation



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

|  |  |  |  |
| --- | --- | --- | --- |
| 0 : M | dLocation.12 - EMS Location Phone Number | O | C |

#### dLocation

dLocation.LocationGroup

C

0 : M

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

dLocation.01 - EMS Location Type

dLocation.02 - EMS Location Name

dLocation.03 - EMS Location Number

dLocation.04 - EMS Location GPS

dLocation.05 - EMS Location US National Grid Coordinates

dLocation.06 - EMS Location Address

dLocation.07 - EMS Location City

dLocation.08 - EMS Location State

dLocation.09 - EMS Station or Location ZIP Code

dLocation.10 - EMS Location County

dLocation.11 - EMS Location Country

dLocation

dLocation.01 - EMS Location Type

###### 

Definition

The type of EMS Location which could be a fixed station or a pre-determined staging area.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

1301001 EMS Agency Headquarters 1301003 EMS Staging Area 1301005 EMS Station

1301007 Other

Data Element Comment

This is associated with the EMS Agency associated with the EMS Agency Number (dAgency.02).

###### 

Version 3 Changes Implemented

Added to allow multiple locations to be documented for an EMS Agency.

dLocation.02 - EMS Location Name

###### 

Definition

The name of the EMS Location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D05\_01 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

dLocation.03 - EMS Location Number

###### 

Definition

The ID number of the EMS Location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D05\_02 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

dLocation.04 - EMS Location GPS

###### 

Definition

The GPS coordinate of the EMS location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D05\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

(\+|-)?(90(\.[0]{1,6})?|([1-8][0-9]|[0-9])(\.[0-9]{1,6})?),(\+|-)?(180(\.[0]{1,6})?|(1[0-7][0-9]|[1-9][0-9]|[0-9])(\.[0-9]{1,6})?)

Data Element Comment

The pattern for GPS location is in the format "*latitude*,*longitude*" where:

* *latitude* has a minimum of -90 and a maximum of 90 with up to 6 decimal places
* *longitude* has a minimum of -180 and a maximum of 180 with up to 6 decimal places

dLocation.05 - EMS Location US National Grid Coordinates

###### 

Definition

The US National Grid Coordinates of the EMS location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

([1-9]|[1-5][0-9]|60)[C-HJ-NP-X][A-HJ-NP-Z][A-HJ-NP-V][0-9]{8}

Data Element Comment

[For more information go to www.fgdc.gov/usng.](http://www.fgdc.gov/usng)

dLocation.06 - EMS Location Address

###### 

Definition

The address of the EMS Location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D05\_05 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Attributes

StreetAddress2 Data Type: string

**minLength:** 1

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

dLocation.07 - EMS Location City

###### 

Definition

The city of the EMS location type (e.g., Fixed station, sub-station, staging area, etc.).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D05\_06 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Data Element Comment

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website. GNIS Codes Website: <http://geonames.usgs.gov/domestic/download_data.htm>

dLocation.08 - EMS Location State

###### 

Definition

The state of the EMS Location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D05\_07 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

[0-9]{2}

Data Element Comment

Based on the ANSI State Code.

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

dLocation.09 - EMS Station or Location ZIP Code

###### 

Definition

The ZIP code of the EMS Location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D05\_08 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

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/](http://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/)

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

dLocation.10 - EMS Location County

###### 

Definition

The county of the EMS Location

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

[0-9]{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).

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

dLocation.11 - EMS Location Country

###### 

Definition

The country of the EMS location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

CA Canada

MX Mexico

US United States

Data Element Comment

The International Organization for Standardization (ISO) ISO 3166-1-alpha-2 code element for the country.

ANSI Country Codes (ISO 3166) Website: <http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm>

Version 3 Changes Implemented

Added to improve international implementations.

dLocation.12 - EMS Location Phone Number

###### 

Definition

The phone number of the EMS Location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D05\_09 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**PhoneNumberType**

9913001 - Fax

9913007 - Pager

minLength: 0

9913003 - Home

9913009 - Work

**maxLength:** 255

9913005 - Mobile

###### 

Constraints

Pattern

[2-9][0-9][0-9]-[2-9][0-9][0-9]-[0-9][0-9][0-9][0-9]

Data Element Comment

**dVehicle**



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

dVehicle

0 : M

dVehicle.VehicleGroup

C

dVehicle.01 - Unit/Vehicle Number

S

E

N, L

dVehicle.04 - Vehicle Type

S

E

N, L

dVehicle.VehicleCertificationLevelsGroup

C

dVehicle.06 - Number of Each EMS Personnel Level on Normal 911 Ambulance Respo

dVehicle.07 - Number of Each EMS Personnel Level on Normal 911 Response (Non-Tr

dVehicle.08 - Number of Each EMS Personnel Level on Normal Medical (Non-911) Tra

dVehicle.10 - Vehicle Model Year

S

E

N, L

dVehicle.YearGroup

C

0 : 1

0 : 1

0 : 1

0 : 1

0 : M

0 : 1

0 : 1

0 : M

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

|  |  |  |
| --- | --- | --- |
| 0 : 1 | dVehicle.13 - Annual Vehicle Miles/Kilometers | O |

O O

O

dVehicle.02 - Vehicle Identification Number

dVehicle.03 - EMS Unit Call Sign

dVehicle.05 - Crew State Certification/Licensure Levels

nsOe

anOsport) Vehicle nsOport Ambulance

dVehicle.09 - Vehicle Initial Cost

O

O O

dVehicle.11 - Year Miles/Kilometers Hours Accrued

dVehicle.12 - Annual Vehicle Hours

#### dVehicle

##### State

dVehicle.01 - Unit/Vehicle Number

Definition

The unique ID number for the unit which is specific for each vehicle. This ID number may be the state's vehicle's permit number.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D06\_01 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

1

maxLength

25

###### 

Data Element Comment

This element can be used in EMS PCR documentation to document the vehicle. This element should be used to populate

eResponse.13 (EMS Vehicle (Unit) Number).

dVehicle.02 - Vehicle Identification Number

###### 

Definition

The manufacturer's VIN associated with the vehicle.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

17

maxLength

17

###### 

Data Element Comment

Consider VIN standard ISO-3779 and ISO-3780.

dVehicle.03 - 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 | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

##### State

dVehicle.04 - Vehicle Type

Definition

The vehicle type of the unit (ambulance, fire, truck, etc.).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D06\_03 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

1404001 Ambulance

1404003 ATV

1404005 Bicycle

1404007 Fire Apparatus

1404009 Fixed Wing

1404011 Motorcycle

1404013 Other

1404015 Personal Vehicle

1404017 Quick Response Vehicle (Non-Transport Vehicle other than Fire Apparatus) 1404019 Rescue

1404021 Rotor Craft

1404023 Snow Vehicle

1404025 Watercraft

Data Element Comment

dVehicle.05 - Crew State Certification/Licensure Levels

###### 

Definition

The certification/licensure level of the ambulance by the state or the certification/licensure level at which the vehicle is most commonly staffed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D06\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9917001 2009 Advanced Emergency Medical Technician (AEMT) 9917003 2009 Emergency Medical Responder (EMR)

9917005 2009 Emergency Medical Technician (EMT)

9917007 2009 Paramedic

9917009 First Responder

9917011 EMT-Basic

9917013 EMT-Intermediate

9917015 EMT-Paramedic

9917019 Physician

9917021 Critical Care Paramedic 9917023 Community Paramedicine

9917025 Nurse Practitioner

9917027 Physician Assistant

9917029 Licensed Practical Nurse (LPN) 9917031 Registered Nurse

Data Element Comment

The new 2009 EMS Educational Levels have been added. The category EMT-Intermediate includes EMS professionals with

an "85" or "99" certification level.

dVehicle.06 - Number of Each EMS Personnel Level on Normal 911 Ambulance Response

###### 

Definition

The number of each personnel level associated with the vehicle crew.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D06\_05 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

positiveInteger

minInclusive

1

maxInclusive

12

###### 

Data Element Comment

Indicate the number of each of the following EMS Personnel levels on the crew. Associated with each Certification/Licensure

Level in dVehicle.05 (Crew State Certification/Licensure Levels).

dVehicle.07 - Number of Each EMS Personnel Level on Normal 911 Response (Non-Transport) Vehicle

###### 

Definition

The number of each personnel level for your EMS Agency's Medical (Non-911) Non-Transport Ambulance.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

positiveInteger

minInclusive

1

maxInclusive

12

###### 

Data Element Comment

Indicate the number of each of the following EMS Personnel levels on the crew. Associated with each Certification/Licensure

Level in dVehicle.05 (Crew State Certification/Licensure Levels).

dVehicle.08 - Number of Each EMS Personnel Level on Normal Medical (Non-911) Transport Ambulance

Definition

The number of each personnel level for your EMS Agency's Medical (Non-911) Transport Ambulance.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

positiveInteger

minInclusive

1

maxInclusive

12

###### 

Data Element Comment

Indicate the number of each of the following EMS Personnel levels on the crew. Associated with each Certification/Licensure

Level in dVehicle.05(Crew State Certification/Licensure Levels).

dVehicle.09 - Vehicle Initial Cost

###### 

Definition

Initial costs of vehicles held by agency excluding all medical and other equipment not associated with the vehicle. This cost should be inclusive of all sources of funding including grants, donations, and any other capital.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D06\_06 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

positiveInteger

minInclusive

1

maxInclusive

10,000,000

###### 

Data Element Comment

##### State

dVehicle.10 - Vehicle Model Year

Definition

The year the vehicle was manufactured.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D06\_07 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

integer

minInclusive

1900

maxInclusive

2050

###### 

Data Element Comment

dVehicle.11 - Year Miles/Kilometers Hours Accrued

###### 

Definition

The year the hours and miles/kilometers were accumulated.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D06\_08 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

integer

minInclusive

1900

maxInclusive

2050

###### 

Data Element Comment

The grouping dVehicle.YearGroup, allows multiple year information to be stored for each EMS vehicle. This includes elements

dVehicle.11 - Year Miles/Kilometers Hours Accrued, dVehicle.12 - Annual Vehicle Hours, and dVehicle.13 - Annual Vehicle Miles/Kilometers.

dVehicle.12 - Annual Vehicle Hours

###### 

Definition

The number of hours the vehicle was in service for the agency for the defined year.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D06\_09 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

positiveInteger

minInclusive

1

maxInclusive

10,000

###### 

Data Element Comment

Associated with each year of element dVehicle.11 (Year Miles/Hours Accrued).

dVehicle.13 - Annual Vehicle Miles/Kilometers

###### 

Definition

The number of miles/kilometers the vehicle accumulated in service for the agency for the defined year (Odometer Reading).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D06\_10 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Attributes

DistanceUnit

9929001 - Kilometers

9929003 - Miles

###### 

Constraints

Data Type

decimal

totalDigits

7

fractionDigits

1

###### 

Data Element Comment

Associated with each year of (dVehicle.11) Year Miles/Kilometers Hours Accrued.

# dPersonnel



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

dPersonnel

0 : M

dPersonnel.PersonnelGroup C

0 : 1

dPersonnel.NameGroup

0 : 1

0 : 1

0 : 1

dPersonnel.01 - EMS Personnel's Last Name dPersonnel.02 - EMS Personnel's First Name dPersonnel.03 - EMS Personnel's Middle Name/Initial

S E N, L S E N, L S E N, L

0 : 1

0 : M

0 : M

0 : 1

0 : 1

0 : M

0 : 1

0 : 1

0 : M

0 : M

0 : M

dPersonnel.AddressGroup

0 : 1

dPersonnel.04 - EMS Personnel's Mailing Address

0 : 1

dPersonnel.05 - EMS Personnel's City of Residence

0 : 1

dPersonnel.06 - EMS Personnel's State

0 : 1

dPersonnel.07 - EMS Personnel's ZIP Code

0 : 1

dPersonnel.08 - EMS Personnel's Country

dPersonnel.09 - EMS Personnel's Phone Number dPersonnel.10 - EMS Personnel's Email Address dPersonnel.11 - EMS Personnel's Date of Birth dPersonnel.12 - EMS Personnel's Gender dPersonnel.13 - EMS Personnel's Race dPersonnel.14 - EMS Personnel's Citizenship

dPersonnel.15 - EMS Personnel's Highest Educational Degree dPersonnel.16 - EMS Personnel's Degree Subject/Field of Study dPersonnel.17 - EMS Personnel's Motor Vehicle License Type dPersonnel.ImmunizationsGroup

O O O O O

O C

O C

S E N, L S E N, L

S E N, L C O

O

O C

O C

C

0 : 1

0 : 1

dPersonnel.18 - EMS Personnel's Immunization Status O

dPersonnel.19 - EMS Personnel's Immunization Year O

0 : M

0 : 1

0 : M

dPersonnel.20 - EMS Personnel's Foreign Language Ability O C

dPersonnel.21 - EMS Personnel's Agency ID Number O

dPersonnel.LicensureGroup C

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

dPersonnel.22 - EMS Personnel's State of Licensure dPersonnel.23 - EMS Personnel's State's Licensure ID Number

dPersonnel.24 - EMS Personnel's State EMS Certification Licensure Level dPersonnel.25 - EMS Personnel's State EMS Current Certification Date dPersonnel.26 - EMS Personnel's Initial State's Licensure Issue Date dPersonnel.27 - EMS Personnel's Current State's Licensure Expiration Date

S E N, L S E N, L S E N, L O

O O

|  |  |  |
| --- | --- | --- |
| 0 : 1 | dPersonnel.39 - Date of Personnel's Certification or Licensure for Agency | O |

#### dPersonnel

0 : 1 dPersonnel.28 - EMS Personnel's National Registry Number

O

0 : 1 dPersonnel.29 - EMS Personnel's National Registry Certification Level

O

0 : 1 dPersonnel.30 - EMS Personnel's Current National Registry Expiration Date

O

0 : 1 dPersonnel.31 - EMS Personnel's Employment Status

S E N, L

0 : 1 dPersonnel.32 - EMS Personnel's Employment Status Date

S E N, L

0 : 1 dPersonnel.33 - EMS Personnel's Hire Date

O

0 : 1 dPersonnel.34 - EMS Personnel's Primary EMS Job Role

S E N, L

0 : M dPersonnel.35 - EMS Personnel's Other Job Responsibilities

S E N, L C

0 : 1 dPersonnel.36 - EMS Personnel's Total Length of Service in Years

O

0 : 1 dPersonnel.37 - EMS Personnel's Date Length of Service Documented

O

0 : M dPersonnel.CertificationLevelGroup

C

0 : 1 dPersonnel.38 - EMS Personnel's Practice Level

O

dPersonnel.01 - EMS Personnel's Last Name

Definition

The last name of the personnel.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D08\_01 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

1

maxLength

60

###### 

Data Element Comment

dPersonnel.02 - EMS Personnel's First Name

Definition

The first name of the personnel.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D08\_03 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

dPersonnel.03 - EMS Personnel's Middle Name/Initial

Definition

The middle name or initial of the personnel.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D08\_02 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

dPersonnel.04 - EMS Personnel's Mailing Address

###### 

Definition

The Street or PO Box of the personnel's mailing address.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D08\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Attributes

StreetAddress2 Data Type: string

**minLength:** 1

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

For individuals living outside the USA the full address can be entered in the address line.

dPersonnel.05 - EMS Personnel's City of Residence

###### 

Definition

The city of the personnel's mailing address.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D08\_05 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Data Element Comment

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website. GNIS Codes Website: <http://geonames.usgs.gov/domestic/download_data.htm>

dPersonnel.06 - EMS Personnel's State

###### 

Definition

The state of the personnel's mailing address.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D08\_06 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

[0-9]{2}

Data Element Comment

Based on ANSI Code.

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

dPersonnel.07 - EMS Personnel's ZIP Code

###### 

Definition

The ZIP code of the personnel's mailing address.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D08\_07 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

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/](http://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/)

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

dPersonnel.08 - EMS Personnel's Country

###### 

Definition

The country of the personnel mailing address.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

CA Canada

MX Mexico

US United States

Data Element Comment

Based on ANSI Code.

ANSI Country Codes (ISO 3166) Website: <http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm>

dPersonnel.09 - EMS Personnel's Phone Number

###### 

Definition

The phone number for the personnel.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D08\_08 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**PhoneNumberType**

9913001 - Fax

9913007 - Pager

minLength: 0

9913003 - Home

9913009 - Work

**maxLength:** 255

9913005 - Mobile

###### 

Constraints

Pattern

[2-9][0-9][0-9]-[2-9][0-9][0-9]-[0-9][0-9][0-9][0-9]

Data Element Comment

dPersonnel.10 - EMS Personnel's Email Address

###### 

Definition

The primary email address of the personnel.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D08\_10 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**EmailAddressType**

9904001 - Personal

minLength: 0

9904003 - Work

**maxLength:** 255

###### 

Constraints

Data Type

string

Pattern

.+@.+

minLength

3

maxLength

100

###### 

Data Element Comment

dPersonnel.11 - EMS Personnel's Date of Birth

Definition

The personnel's date of birth.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D08\_11 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

date

minInclusive

1900-01-01

maxInclusive

2050-01-01

###### 

Data Element Comment

dPersonnel.12 - EMS Personnel's Gender

Definition

The personnel's gender.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D08\_12 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

9906001 Female

9906003 Male

9906005 Unknown (Unable to Determine)

Data Element Comment

dPersonnel.13 - EMS Personnel's Race

Definition

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D08\_13 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

Code Description

1513001 American Indian or Alaska Native 1513003 Asian

1513005 Black or African American 1513007 Hispanic or Latino

1513009 Native Hawaiian or Other Pacific Islander 1513011 White

Data Element Comment

OMB requirements are provided at: https://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-089.html. A single multiple

choice question methodology is being implemented to improve the completion of ethnicity information. Ethnicity (Version 2.1.1: D08\_14) has been merged with this data element and retired.

dPersonnel.14 - EMS Personnel's Citizenship

###### 

Definition

The documentation of the personnel's citizenship.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

length

2

###### 

Data Element Comment

Website: <http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm>

dPersonnel.15 - EMS Personnel's Highest Educational Degree

###### 

Definition

The highest educational degree completed by the personnel.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

1515001 No Schooling Completed 1515003 Nursery School to 4th Grade 1515005 5th Grade or 6th Grade 1515007 7th Grade or 8th Grade 1515009 9th Grade

1515011 10th Grade

1515013 11th Grade

1515015 12th Grade, No Diploma

1515017 High School Graduate-Diploma or the Equivalent (GED) 1515019 Some College Credit, but Less than 1 Year

1515021 1 or More Years of College, No Degree 1515023 Associate Degree

1515025 Bachelor's Degree

1515027 Master's Degree

1515029 Professional Degree (i.e. MD, DDS, DVM, LLB, JD) 1515031 Doctorate Degree (i.e. PhD, EdD)

Data Element Comment

Based on Census 2000 Educational Attainment Question.

dPersonnel.16 - EMS Personnel's Degree Subject/Field of Study

###### 

Definition

The area of the personnel's post high-school (post-secondary) degree.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

1516001 Agriculture and Natural Resources 1516003 Architecture and Related Services 1516005 Area, Ethnic, Cultural, and Gender Studies 1516007 Biological and Biomedical Sciences 1516009 Business

1516011 Communication, Journalism, and Related Programs 1516013 Communications Technologies

1516015 Computer and Information Sciences 1516017 Education

1516019 Emergency Medical Services 1516021 Engineering

1516023 Engineering Technologies

1516025 English Language and Literature/Letters 1516027 Family and Consumer Sciences/Human Sciences 1516029 Fire Science

1516031 Foreign Languages, Literatures, and Linguistics

1516033 Health Professions and Related Clinical Sciences, Not Including Emergency Medical Services 1516035 Legal Professions and Studies

1516037 Liberal Arts and Sciences, General Studies, and Humanities 1516039 Library Science

1516041 Mathematics and Statistics 1516043 Military Technologies

1516045 Multi/Interdisciplinary Studies 1516047 Not Classified by Field of Study 1516049 None

1516051 Parks, Recreation, Leisure and Fitness Studies 1516053 Philosophy and Religious Studies

1516055 Physical Sciences and Science Technologies 1516057 Precision Production

1516059 Psychology

1516061 Public Administration and Social Services

1516063 Security and Protective Services, Not Including Fire Science 1516065 Social Sciences and History

1516067 Theology and Religious Vocations 1516069 Transportation and Materials Moving 1516071 Visual and Performing Arts

Data Element Comment

dPersonnel.17 - EMS Personnel's Motor Vehicle License Type

###### 

Definition

The type of motor vehicle license (i.e. Class A, B, Pilot, etc.) of the EMS personnel.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

1517001 All-Terrain Vehicle (ATV) 1517003 Commercial Class A 1517005 Commercial Class B 1517007 Commercial Class C 1517009 Motorcycle-Class M

1517011 None

1517013 Operator Class D (Normal) 1517015 Other

1517017 Pilot-Rotor Wing Air 1517019 Pilot-Fixed Wing Air 1517021 Snowmobile

1517023 Taxi and Livery Class E

Data Element Comment

dPersonnel.18 - EMS Personnel's Immunization Status

###### 

Definition

The type of immunization status.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9910001 Anthrax

9910003 Cholera

9910005 DPT / TDaP (Diphtheria, Pertussis, Tetanus) 9910007 Hemophilus Influenza B

9910009 Hepatitis A

9910011 Hepatitis B

9910013 Human Papilloma Virus (HPV) 9910015 Influenza-H1N1

9910017 Influenza-Other

9910019 Influenza-Seasonal (In past 12 months)

9910021 Lyme Disease

9910023 Meningococcus

9910025 MMR (Measles, Mumps, Rubella) 9910027 Other-Not Listed

9910029 Plague

9910031 Pneumococcal (Pneumonia)

9910033 Polio

9910035 Rabies

9910037 Rotavirus

9910039 Shingles

9910041 Small Pox

9910043 Tetanus

9910045 Tuberculosis

9910047 Typhoid

9910049 Varicella (Chickenpox)

9910051 Yellow Fever

Data Element Comment

dPersonnel.19 - EMS Personnel's Immunization Year

###### 

Definition

The year associated with each immunization type.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

integer

minInclusive

1900

maxInclusive

2050

###### 

Data Element Comment

dPersonnel.20 - EMS Personnel's Foreign Language Ability

###### 

Definition

The languages spoken (other than English) by the personnel with at least an elementary level of proficiency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

amh Amharic

ara Arabic

arm Armenian

ben Bengali

crp Cajun (Creole and Pidgins)

chi Chinese

hrv Croatian

cze Czech

dan Danish

dut Dutch

fin Finnish

tai Formosan

fre French

cpf French Creole

ger German

gre Greek

guj Gujarati

heb Hebrew

hin Hindi (Urdu)

hun Hungarian

ilo Ilocano

itl Italian

jpn Japanese

kor Korean

kro Kru

lit Lithuanian

mal Malayalam

hmn Miao (Hmong)

mkh Mon-Khmer (Cambodian) nav Navaho

nno Norwegian

pan Panjabi

gem Pennsylvania Dutch (Germanic Other) per Persian

pol Polish

por Portuguese

rum Romanian

rus Russian

smo Samoan

srp Serbo-Croatian

slo Slovak

spa Spanish

swe Swedish

syr Syriac

tgl Tagalog

tha Thai (Laotian)

tur Turkish

ukr Ukrainian

vie Vietnamese

yid Yiddish

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better describe the EMS workforce.

dPersonnel.21 - EMS Personnel's Agency ID Number

###### 

Definition

The local agency ID number for the personnel.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D07\_01 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

This is a local ID and not the ID associated with the state credential. This may be the same as the state credential ID

depending on the state and local implementation. This should be a unique number and not reused.

dPersonnel.22 - EMS Personnel's State of Licensure

Definition

The state of the certification/licensure ID number assigned to the personnel member.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Pattern

[0-9]{2}

Data Element Comment

dPersonnel.23 - EMS Personnel's State's Licensure ID Number

Definition

The state's licensure/certification ID number for the personnel.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D07\_02 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

dPersonnel.24 - EMS Personnel's State EMS Certification Licensure Level

Definition

The personnel's state EMS certification level.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D08\_15 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

9925001 2009 Advanced Emergency Medical Technician (AEMT) 9925003 2009 Emergency Medical Responder (EMR)

9925005 2009 Emergency Medical Technician (EMT)

9925007 2009 Paramedic

9925013 First Responder

9925015 EMT-Basic

9925017 EMT-Intermediate

9925019 EMT-Paramedic

9925023 Other Healthcare Professional 9925025 Other Non-Healthcare Professional 9925027 Physician

9925029 Respiratory Therapist

9925031 Student

9925033 Critical Care Paramedic 9925035 Community Paramedicine

9925037 Nurse Practitioner

9925039 Physician Assistant

9925041 Licensed Practical Nurse (LPN) 9925043 Registered Nurse

Data Element Comment

Added 2009 EMS Education Levels.

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

Some listed health care providers may not have an EMS certification/licensure number, however their level should be indicated from the list above and the state licensure number should be indicated in dPersonnel.23 - EMS Personnel's State's Licensure ID Number.

dPersonnel.25 - EMS Personnel's State EMS Current Certification Date

###### 

Definition

The date of the personnel's current EMS certification/licensure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D08\_17 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

date

minInclusive

1900-01-01

maxInclusive

2050-01-01

###### 

Data Element Comment

Clarified as the current certification/licensure.

dPersonnel.26 - EMS Personnel's Initial State's Licensure Issue Date

###### 

Definition

The date on which the EMS personnel's state's EMS certification/licensure was originally issued. This is the date of the first certification/licensure for the EMS level.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D08\_18 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

date

minInclusive

1900-01-01

maxInclusive

2050-01-01

###### 

Data Element Comment

Clarified as the FIRST (original) certification/licensure date.

dPersonnel.27 - EMS Personnel's Current State's Licensure Expiration Date

###### 

Definition

The date on which the EMS personnel's (highest) state EMS certification/licensure expires.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

date

minInclusive

1900-01-01

maxInclusive

2050-01-01

###### 

Data Element Comment

dPersonnel.28 - EMS Personnel's National Registry Number

###### 

Definition

The National Registry number associated with the level of certification/licensure obtained through NREMT.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

[A-Z][A-Z0-9][0-9]{6}

Data Element Comment

dPersonnel.29 - EMS Personnel's National Registry Certification Level

###### 

Definition

The level of the current National Registry of Emergency Medical Technicians (NREMT) certification.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

1529001 2009 Advanced Emergency Medical Technician (AEMT) 1529003 2009 Emergency Medical Responder (EMR)

1529005 2009 Emergency Medical Technician

1529007 2009 Paramedic

1529009 EMT-Basic

1529011 EMT-Intermediate

1529013 EMT-Paramedic

1529015 First Responder

Data Element Comment

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

dPersonnel.30 - EMS Personnel's Current National Registry Expiration Date

###### 

Definition

The date on which the EMS Personnel's National Registry of EMTs certification/licensure expires

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

date

minInclusive

1900-01-01

maxInclusive

2050-01-01

###### 

Data Element Comment

dPersonnel.31 - EMS Personnel's Employment Status

Definition

The personnel's primary employment status for this agency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D07\_03 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

1531001 Full Time Paid Employee 1531003 Part Time Paid Employee 1531005 Volunteer

1531007 Neither an Employee Nor a Volunteer

Data Element Comment

dPersonnel.32 - EMS Personnel's Employment Status Date

Definition

The personnel's employment status date.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | D07\_04 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

date

minInclusive

1900-01-01

maxInclusive

2050-01-01

###### 

Data Element Comment

dPersonnel.33 - EMS Personnel's Hire Date

###### 

Definition

The date the employee was hired by the EMS agency for this current job.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

date

minInclusive

1900-01-01

maxInclusive

2050-01-01

###### 

Data Element Comment

This is intended to collect information based on the current employment/job. If the EMS personnel has a come and go status,

this should reflect the most recent employment/job.

dPersonnel.34 - EMS Personnel's Primary EMS Job Role

Definition

The individuals primary/main EMS role at the EMS agency. This is the function which is performed the majority of the time for the EMS personnel.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

1534001 Administrator/Manager

1534003 Driver/Pilot

1534005 Educator/Preceptor

1534007 Fire Suppression

1534009 First-Line Supervisor

1534011 Law Enforcement

1534013 Other

1534015 Patient Care Provider 1534017 Rescue

Data Element Comment

This is a single choice data element which should reflect the EMS Personnel's primary/main job role for which he/she

functions. It is understood that most EMS personnel perform more than one role as a part of their position. Other roles should be documented in dPersonnel.35 (EMS Personnel's Other Job Responsibilities).

dPersonnel.35 - EMS Personnel's Other Job Responsibilities

Definition

The EMS personnel's other job responsibilities at the agency beyond their primary role documented in dPersonnel.34 (EMS Personnel's Primary EMS Job Role).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

Code Description

1534001 Administrator/Manager

1534003 Driver/Pilot

1534005 Educator/Preceptor

1534007 Fire Suppression

1534009 First-Line Supervisor

1534011 Law Enforcement

1534013 Other

1534015 Patient Care Provider 1534017 Rescue

Data Element Comment

dPersonnel.36 - EMS Personnel's Total Length of Service in Years

###### 

Definition

The personnel's total length of EMS service at any level (years).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D08\_19 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

integer

minInclusive

0

maxInclusive

80

###### 

Data Element Comment

dPersonnel.37 - EMS Personnel's Date Length of Service Documented

###### 

Definition

The date which the length of EMS service was documented.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D08\_20 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

date

minInclusive

1900-01-01

maxInclusive

2050-01-01

###### 

Data Element Comment

Associated with dPersonnel.37 (EMS Personnel's Total Length of Service in Years).

dPersonnel.38 - EMS Personnel's Practice Level

###### 

Definition

The EMS certification level at which the individual is providing patient care services for the EMS agency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D07\_05 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9925001 2009 Advanced Emergency Medical Technician (AEMT) 9925003 2009 Emergency Medical Responder (EMR)

9925005 2009 Emergency Medical Technician (EMT)

9925007 2009 Paramedic

9925013 First Responder

9925015 EMT-Basic

9925017 EMT-Intermediate

9925019 EMT-Paramedic

9925023 Other Healthcare Professional 9925025 Other Non-Healthcare Professional 9925027 Physician

9925029 Respiratory Therapist

9925031 Student

9925033 Critical Care Paramedic 9925035 Community Paramedicine

9925037 Nurse Practitioner

9925039 Physician Assistant

9925041 Licensed Practical Nurse (LPN) 9925043 Registered Nurse

Data Element Comment

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

dPersonnel.39 - Date of Personnel's Certification or Licensure for Agency

###### 

Definition

The date that the Certification/Licensure was achieved for the local EMS agency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D07\_06 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

date

minInclusive

1900-01-01

maxInclusive

2050-01-01

###### 

Data Element Comment

**dDevice**



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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | dDevice.06 - Medical Device Purchase Date | O |

dDevice

dDevice.DeviceGroup

C

dDevice.03 - Medical Device Type

O

C

0 : M

0 : 1

O

0 : 1

O

0 : M

0 : 1

O

0 : 1

O

dDevice.01 - Medical Device Serial Number

dDevice.02 - Medical Device Name or ID

dDevice.04 - Medical Device Manufacturer

dDevice.05 - Medical Device Model Number

dDevice

dDevice.01 - Medical Device Serial Number

###### 

Definition

The unique manufacturer's serial number associated with a medical device.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D09\_01 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

dDevice.02 - Medical Device Name or ID

###### 

Definition

The local number or configurable Name/ID of the medical device.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D09\_02 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

dDevice.03 - Medical Device Type

###### 

Definition

The type of medical device.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

1603001 Capnography-Numeric

1603003 Capnography-Waveform

1603005 Chemistry Measurement-Blood or Serum 1603007 Chemistry Measurement-Glucometer

1603009 Chemistry Measurement-Urine

1603011 CPR-External Device

1603013 Defibrillator-Automated

1603015 Defibrillator-Manual 1603017 ECG-12 Lead or Greater

1603019 ECG-Less than 12 Lead (Cardiac Monitor) 1603021 Medication Infusion Pump

1603023 Other

1603025 Oximetry-Carbon Monoxide

1603027 Oximetry-Oxygen

1603029 Pressure Monitors-Invasive

1603031 Pressure Monitors-Non-Invasive

1603033 Respirator (BLS)

1603035 Ventilator (ALS)

1603037 Ventilator Assistance-BiPAP

1603039 Ventilator Assistance-CPAP

Data Element Comment

This is multiple choice to allow documentation of various multifunction device configurations.

dDevice.04 - Medical Device Manufacturer

###### 

Definition

The manufacturer of the medical device.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D09\_03 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

dDevice.05 - Medical Device Model Number

###### 

Definition

The specific manufacturer's model number associated with medical device.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D09\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

dDevice.06 - Medical Device Purchase Date

###### 

Definition

The date the device was purchased or placed in service by the EMS agency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D09\_05 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

date

minInclusive

1900-01-01

maxInclusive

2050-01-01

###### 

Data Element Comment

**dFacility**



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

|  |  |  |  |
| --- | --- | --- | --- |
| 0 : M | dFacility.15 - Facility Phone Number | O | C |

dFacility

dFacilityGroup

C

dFacility.FacilityGroup

C

dFacility.04 - Hospital Designations

O

C

dFacility.05 - Facility National Provider Identifier

O

C

0 : M

0 : 1

O

0 : M

0 : 1

O

0 : 1

O

0 : M

0 : M

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

dFacility.01 - Type of Facility

dFacility.02 - Facility Name

dFacility.03 - Facility Location Code

dFacility.06 - Facility Room, Suite, or Apartment

dFacility.07 - Facility Street Address

dFacility.08 - Facility City

dFacility.09 - Facility State

dFacility.10 - Facility ZIP Code

dFacility.11 - Facility County

dFacility.12 - Facility Country

dFacility.13 - Facility GPS Location

dFacility.14 - Facility US National Grid Coordinates

dFacility

dFacility.01 - Type of Facility

###### 

Definition

The type of facility (healthcare or other) that the EMS agency transports patients to or from.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D04\_15 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

1701001 Assisted Living Facility 1701003 Clinic

1701005 Hospital

1701007 Nursing Home

1701009 Other

1701011 Urgent Care

1701013 Rehabilitation Facility 1701015 Mental Health Facility 1701017 Dialysis Center

Data Element Comment

dFacility.02 - Facility Name

###### 

Definition

The name of the facility.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D04\_11 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

dFacility.03 - Facility Location Code

###### 

Definition

The code of the facility as assigned by the state or the EMS agency.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | D04\_12 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

The information contained within this element could be used to populate eScene.10 (Incident Facility Code) or eDisposition.02

(Destination/Transferred To, Code) via a drop down list created at either the EMS Agency or State level.

dFacility.04 - Hospital Designations

###### 

Definition

The designation(s) associated with the hospital (e.g., Trauma, STEMI, Peds, etc.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

9908001 Behavioral Health

9908003 Burn Center

9908005 Critical Access Hospital 9908007 Hospital (General)

9908009 Neonatal Center

9908011 Pediatric Center

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

9908031 Cardiac-STEMI/PCI Capable 9908033 Cardiac-STEMI/PCI Capable (24/7) 9908035 Cardiac-STEMI/Non-PCI Capable

Data Element Comment

dFacility.05 - Facility National Provider Identifier

###### 

Definition

The facility National Provider Identifier associated with National Provider System (NPS).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Constraints

Data Type

string

length

10

###### 

Data Element Comment

dFacility.06 - Facility Room, Suite, or Apartment

###### 

Definition

The number of the specific room, suite, or apartment of the facility.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

15

###### 

Data Element Comment

dFacility.07 - Facility Street Address

###### 

Definition

The address where the facility is located.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Attributes

StreetAddress2 Data Type: string

**minLength:** 1

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

The information contained within this element could be used to populate the address information within eScene.18 (Incident

State) and/or eDisposition.03 (Destination Street Address) as appropriate.

dFacility.08 - Facility City

###### 

Definition

The city where the facility is located (physical address).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Data Element Comment

The information contained within this element could be used to populate the address information within eScene.17 (Incident City) and/or eDisposition.04 (Destination City) as appropriate.

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website. GNIS Codes Website: <http://geonames.usgs.gov/domestic/download_data.htm>

dFacility.09 - Facility State

###### 

Definition

The state where the facility is located.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

[0-9]{2}

Data Element Comment

Based on the ANSI Code. The information contained within this element could be used to populate the address information

within eScene.18 (Incident State) and/or eDisposition.05 (Destination State) as appropriate. GNIS Codes Website: <http://geonames.usgs.gov/domestic/download_data.htm>

dFacility.10 - Facility ZIP Code

###### 

Definition

The zip code where the facility is located.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

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

The information contained within this element could be used to populate the address information within eScene.19 (Incident

ZIP Code) and/or eDisposition.07 (Destination ZIP Code) as appropriate.

ZIP Codes Product Website: [https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/](http://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/) Product: USA - 5-digit ZIP Code Database, Commercial Edition

dFacility.11 - Facility County

###### 

Definition

The county where the facility is located.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

[0-9]{5}

Data Element Comment

Based on the ANSI Code. The information contained within this element could be used to populate the address information

within eScene.21 (Incident County) and/or eDisposition.06 (Destination County) as appropriate. GNIS Codes Website: <http://geonames.usgs.gov/domestic/download_data.htm>

dFacility.12 - Facility Country

###### 

Definition

The country where the facility is located.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

CA Canada

MX Mexico

US United States

Data Element Comment

Based on the ANSI Code. The information contained within this element could be used to populate the address information

within eScene.22 (Incident Country) and/or eDisposition.08 (Destination Country) as appropriate.

ANSI Country Codes (ISO 3166) Website: <http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm>

dFacility.13 - Facility GPS Location

###### 

Definition

The facility GPS Coordinates.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

(\+|-)?(90(\.[0]{1,6})?|([1-8][0-9]|[0-9])(\.[0-9]{1,6})?),(\+|-)?(180(\.[0]{1,6})?|(1[0-7][0-9]|[1-9][0-9]|[0-9])(\.[0-9]{1,6})?)

Data Element Comment

The information contained within this element could be used to populate the address information within eScene.10 (Scene

GPS Location) and/or eDisposition.09 (Destination GPS Location) as appropriate.

The pattern for GPS location is in the format "*latitude*,*longitude*" where:

* *latitude* has a minimum of -90 and a maximum of 90 with up to 6 decimal places
* *longitude* has a minimum of -180 and a maximum of 180 with up to 6 decimal places

dFacility.14 - Facility US National Grid Coordinates

###### 

Definition

Facility US National Grid Coordinates

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

([1-9]|[1-5][0-9]|60)[C-HJ-NP-X][A-HJ-NP-Z][A-HJ-NP-V][0-9]{8}

Data Element Comment

[Standard found at www.fgdc.gov/usng.](http://www.fgdc.gov/usng) The information contained within this element could be used to populate the address

information within eScene.11 (Scene US National Grid Coordinates) and/or eDisposition.10 (Disposition Location US National Grid Coordinates) as appropriate.

dFacility.15 - Facility Phone Number

###### 

Definition

Facility phone number.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**PhoneNumberType**

9913001 - Fax

9913007 - Pager

minLength: 0

9913003 - Home

9913009 - Work

**maxLength:** 255

9913005 - Mobile

###### 

Constraints

Pattern

[2-9][0-9][0-9]-[2-9][0-9][0-9]-[0-9][0-9][0-9][0-9]

Data Element Comment

This element contains an attribute to define what type of phone number is being documented (e.g., Fax, Home, Mobile, Pager,

and Work).

# dCustomResults



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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | dCustomResults.03 - CorrelationID of DemographicReport Element or Group | O |

#### dCustomResults

dCustomResults.ResultsGroup

C

dCustomResults.01 - Custom Data Element Result

M

N, L, P

0 : M

1 : M

1 : 1

M

dCustomResults.02 - Custom Element ID Referenced

dCustomResults

dCustomResults.01 - Custom Data Element Result

###### 

Definition

The actual value or values chosen (if values listed in dCustomConfiguration.06) or result (free text, Date/Time, or number) documented for the Custom Data Element

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

|  |  |  |
| --- | --- | --- |
| Attributes |  | |
| **NOT Values (NV)** |  |  |
| **Pertinent Negatives (PN)** |  |  |
| **NV**  7701001 - Not Applicable | 7701003 - Not Recorded | 7701005 - Not Reporting |
| **PN**  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 |  |
| Constraints |  |  |
| **Data Type minLength**  string 1 | **maxLength**  100000 |  |

Data Element Comment

Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the NEMSIS Version 3 standard.

dCustomResults.02 - Custom Element ID Referenced

###### 

Definition

References the CustomElementID attribute for dCustomConfiguration.CustomGroup

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

Constraints

Data Type

string

minLength

0

maxLength

255

###### 

Data Element Comment

dCustomResults.03 - CorrelationID of DemographicReport Element or Group

###### 

Definition

References the CorrelationID attribute of an element or group in the DemographicReport section

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

0

maxLength

255

###### 

Data Element Comment

**eState**



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

eState.01 - State Required Element

0 : M

O

eState

eState

NEMSIS Version 3.4.0.160713CP2

### eState.01

eState.01 - State Required Element

###### 

Definition

Indicates which elements are required by the state

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

TIMESTAMP

**Data Type:** String

Pattern

**minInclusive:** 1950-01-01T00:00:00-00:00

**maxInclusive:** 2050-01-01T00:00:00-00:00

[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}

###### 

Constraints

Data Type

string

minLength

1

maxLength

100

###### 

Data Element Comment

This element was created to document elements required by the state. The TIMESTAMP attribute describes the active date of

the element.

# eCustomConfiguration



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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eCustomConfiguration.09 - Custom Data Element Grouping ID | O |

#### eCustomConfiguration

eCustomConfiguration.CustomGroup

eCustomConfiguration.08 - Custom Data Element Potential Pertinent Negative Values (

0 : M

1 : 1

M

1 : 1

M

1 : 1

M

1 : 1

M

1 : 1

M

0 : M

O

0 : M

O

0 : M

PON)

eCustomConfiguration.01 - Custom Data Element Title

eCustomConfiguration.02 - Custom Definition

eCustomConfiguration.03 - Custom Data Type

eCustomConfiguration.04 - Custom Data Element Recurrence

eCustomConfiguration.05 - Custom Data Element Usage

eCustomConfiguration.06 - Custom Data Element Potential Values

eCustomConfiguration.07 - Custom Data Element Potential NOT Values (NV)

eCustomConfiguration

eCustomConfiguration.01 - Custom Data Element Title

###### 

Definition

This is the title of the custom data element created to collect information that is not defined formally in NEMSIS Version 3.

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

Attributes

nemsisElement

**Data Type:** anySimpleType **whiteSpace:** preserve

###### 

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

This is grouped with all data elements in this section and can have multiple instances.

Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the NEMSIS Version 3 standard.

eCustomConfiguration.02 - Custom Definition

###### 

Definition

The definition of the custom element and how it should be used.

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

Constraints

Data Type

string

minLength

0

maxLength

255

###### 

Data Element Comment

eCustomConfiguration.03 - Custom Data Type

###### 

Definition

The data type of the custom element.

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

Code List

Code Description

9902001 Binary

9902003 Date/Time

9902005 Integer/Number

9902007 Other

9902009 Text/String

9902011 Boolean

Data Element Comment

eCustomConfiguration.04 - Custom Data Element Recurrence

###### 

Definition

Indication if the data element will accept multiple values.

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

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

###### 

Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the NEMSIS Version 3 standard.

eCustomConfiguration.05 - Custom Data Element Usage

###### 

Definition

The Usage (Mandatory, Required, Recommended or Optional) for the Custom Data Element.

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

Code List

Code Description

9903001 Mandatory

9903003 Required

9903005 Recommended

9903007 Optional

Data Element Comment

Mandatory = Must be completed and will not accept null values

Required = Must be completed but will accept null values Recommended = Not required but if collected will accept null values Optional = Not required but if collected, it cannot be a null value.

Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the NEMSIS Version 3 standard.

eCustomConfiguration.06 - Custom Data Element Potential Values

###### 

Definition

The values which are associated with the Custom Data Element. Values would be the choices provided to the user when they document the Custom Data Element

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

nemsisCode

**Data Type:** anySimpleType **whiteSpace:** preserve

customValueDescription

**Data Type:** anySimpleType **whiteSpace:** preserve

###### 

Constraints

Data Type

string

minLength

1

maxLength

100

###### 

Data Element Comment

Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the NEMSIS Version 3 standard.

eCustomConfiguration.07 - Custom Data Element Potential NOT Values (NV)

###### 

Definition

NOT Values (NV) associated with the custom element

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Code List

Code Description

7701001 Not Applicable

7701003 Not Recorded

7701005 Not Reporting

Data Element Comment

eCustomConfiguration.08 - Custom Data Element Potential Pertinent Negative Values (PN)

###### 

Definition

Pertinent Negative Values (PN) associated with the custom element

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Code List

Code Description

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

Data Element Comment

eCustomConfiguration.09 - Custom Data Element Grouping ID

###### 

Definition

ID for custom element grouping.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

0

maxLength

255

###### 

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 : 1 | eRecord.04 - Software Version | N | S | M |

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

eRecord

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

string

minLength

3

maxLength

50

###### 

Data Element Comment

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

string

minLength

1

maxLength

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.

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

string

minLength

1

maxLength

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.

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

string

minLength

1

maxLength

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

0 : 1

eResponse.01 - EMS Agency Number eResponse.02 - EMS Agency Name

N S M

S E N, L

1 : 1

1 : 1

1 : 1

eResponse.03 - Incident Number eResponse.04 - EMS Response Number eResponse.ServiceGroup

N S R

N S R

N, L

N, L

1 : 1

0 : 1

eResponse.05 - Type of Service Requested eResponse.06 - Standby Purpose

N S M O

1 : 1

1 : M

1 : M

1 : M

1 : M

1 : M

1 : 1

1 : 1

1 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

1 : 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1 : M | eResponse.24 - Additional Response Mode Descriptors | N | S | R | N, L | C |

eResponse.07 - Primary Role of the Unit

eResponse.08 - Type of Dispatch Delay eResponse.09 - Type of Response Delay eResponse.10 - Type of Scene Delay eResponse.11 - Type of Transport Delay eResponse.12 - Type of Turn-Around Delay eResponse.13 - EMS Vehicle (Unit) Number eResponse.14 - EMS Unit Call Sign eResponse.15 - Level of Care of This Unit

eResponse.16 - Vehicle Dispatch Location

eResponse.17 - Vehicle Dispatch GPS Location

eResponse.19 - Beginning Odometer Reading of Responding Vehicle eResponse.20 - On-Scene Odometer Reading of Responding Vehicle eResponse.21 - Patient Destination Odometer Reading of Responding Vehicle eResponse.22 - Ending Odometer Reading of Responding Vehicle eResponse.23 - Response Mode to Scene

eResponse.18 - Vehicle Dispatch Location US National Grid Coordinates

N S M

N S R

N S R

N S R

N S R

N S R

N S M

N S M

N S M O

O O

S O

S O

S O

S O

N S M

N, L C

N, L C

N, L C

N, L C

N, L C

#### 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

string

minLength

1

maxLength

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

eResponse.02 - EMS Agency Name

Definition

EMS Agency Name

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

Added to better identify the EMS Agency associated with the EMS event.

###### 

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

string

minLength

3

maxLength

50

###### 

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

string

minLength

3

maxLength

50

###### 

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.

eResponse.06 - Standby Purpose

###### 

Definition

The main reason the EMS Unit is on Standby as the Primary Type of Service for the EMS event.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

2206001 Disaster Event-Drill/Exercise 2206003 Disaster Event-Live Staging 2206005 Education

2206007 EMS Staging-Improve Coverage 2206009 Fire Support-Rehab

2206011 Fire Support-Standby

2206013 Mass Gathering-Concert/Entertainment Event 2206015 Mass Gathering-Fair/Community Event 2206017 Mass Gathering-Sporting Event

2206019 Other

2206021 Public Safety Support

Data Element Comment

Added to document the reason for "Standby" when populated in eResponse.05 (Type of Service Requested). This information

will assist in administrative analysis of EMS service delivery, special event coverage, 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

2207003 Ground Transport

2207005 Non-Transport Administrative (e.g., Supervisor) 2207007 Non-Transport Assistance

2207009 Non-Transport Rescue

2207011 Air Transport-Helicopter 2207013 Air Transport-Fixed Wing

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.

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

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).

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

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

2209031 Mechanical Issue-Unit, Equipment, etc. 2209033 Flight Planning

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).

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

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

2210039 Mechanical Issue-Unit, Equipment, etc.

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).

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

2211001 Crowd

2211003 Directions/Unable to Locate 2211005 Distance

2211007 Diversion

2211009 HazMat

2211011 None/No Delay

2211013 Other

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

2211031 Patient Condition Change (e.g., Unit Stopped)

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).

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

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

2212033 EMS Crew Accompanies Patient for Facility Procedure

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.11) 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].

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

string

minLength

1

maxLength

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

string

minLength

1

maxLength

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

2215023 BLS-Community Paramedicine

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.

eResponse.16 - Vehicle Dispatch Location

###### 

Definition

The EMS location or healthcare facility representing the geographic location of the unit or crew at the time of dispatch.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E02\_13 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

This element can be populated from dLocation.02 EMS Location Name or dFacility information. Depending on the information

the EMS Agency or State is interested in knowing the following elements can be utilized:

1. dLocation.02 EMS Location Name
2. dFacility.02 Facility Name
3. dFacility.03 Facility Code

eResponse.17 - Vehicle Dispatch GPS Location

###### 

Definition

The GPS coordinates associated with the EMS unit at the time of dispatch documented in decimal degrees.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E02\_15 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Response

Constraints

Pattern

(\+|-)?(90(\.[0]{1,6})?|([1-8][0-9]|[0-9])(\.[0-9]{1,6})?),(\+|-)?(180(\.[0]{1,6})?|(1[0-7][0-9]|[1-9][0-9]|[0-9])(\.[0-9]{1,6})?)

Data Element Comment

The pattern for GPS location is in the format "*latitude*,*longitude*" where:

* *latitude* has a minimum of -90 and a maximum of 90 with up to 6 decimal places
* *longitude* has a minimum of -180 and a maximum of 180 with up to 6 decimal places

eResponse.18 - Vehicle Dispatch Location US National Grid Coordinates

###### 

Definition

The US National Grid Coordinates for the EMS Vehicle's Dispatch Location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

([1-9]|[1-5][0-9]|60)[C-HJ-NP-X][A-HJ-NP-Z][A-HJ-NP-V][0-9]{8}

Data Element Comment

[Standard found at www.fgdc.gov/usng.](http://www.fgdc.gov/usng) Used by the EMS components of US Governmental entities such as national parks and

military agencies.

##### State

eResponse.19 - Beginning Odometer Reading of Responding Vehicle

Definition

The mileage (counter or odometer reading) of the vehicle at the beginning of the call (when the wheels begin moving). If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of Boat, Fixed Wing, or Rotor Craft in eDisposition.16 (EMS Transport Method)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E02\_16 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

decimal

fractionDigits

2

totalDigits

8

###### 

Data Element Comment

If a mileage counter is being used instead of an odometer, this value would be 0.

The mileage (counter or odometer reading) of the vehicle when it arrives at the scene. If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of Boat, Fixed Wing, or Rotor Craft in eDisposition.16 (EMS Transport Method)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E02\_17 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

decimal

fractionDigits

2

totalDigits

8

###### 

Data Element Comment

If using a counter, this is the mileage traveled from dispatch to the scene starting from 0.

##### State

eResponse.21 - Patient Destination Odometer Reading of Responding Vehicle

Definition

The mileage (counter or odometer reading) of the vehicle when it arrives at the patient's destination. If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of Boat, Fixed Wing, or Rotor Craft in eDisposition.16 (EMS Transport Method)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E02\_18 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

decimal

fractionDigits

2

totalDigits

8

###### 

Data Element Comment

If using a counter, this is the mileage traveled from dispatch to the patient's transport destination starting from 0.

##### State

eResponse.22 - Ending Odometer Reading of Responding Vehicle

Definition

If using a counter, this is the mileage traveled beginning with dispatch through the transport of the patient to their destination and ending when back in service, starting from 0. If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of boat, Fixed Wing, or Rotor Craft in eDisposition.16

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E02\_19 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

decimal

fractionDigits

2

totalDigits

8

###### 

Data Element Comment

###### 

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)

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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 2224015 Lights and Sirens 2224017 Lights and No Sirens 2224019 No Lights or Sirens

2224021 Initial No Lights or Sirens, Upgraded to Lights and Sirens 2224023 Initial Lights and Sirens, Downgraded to No Lights or Sirens

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 : 1 | eDispatch.01 - Complaint Reported by Dispatch | N | S | M |
|  |  |  |  |  |
| 1 : 1 | eDispatch.02 - EMD Performed | N | S | R N, L |
| 0 : 1 | eDispatch.03 - EMD Card Number | O |  |  |
| 0 : 1 | eDispatch.04 - Dispatch Center Name or ID | O |  |  |
| 0 : 1 | eDispatch.05 - Dispatch Priority (Patient Acuity) | O |  |  |
|  |  |  |  |  |
| 0 : 1 | eDispatch.06 - Unit Dispatched CAD Record ID | O |  |  |

#### eDispatch

eDispatch

NEMSIS Version 3.4.0.160713CP2

eDispatch.01

###### 

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 2301081 Drowning/Diving/SCUBA Accident

2301083 Airmedical Transport

Data Element Comment

Added Pandemic/Epidemic/Outbreak.

Added Automated Crash Notification

Added Healthcare Professional Admission Added Transfer/Interfacility/Palliative Care

* 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

eDispatch.03 - EMD Card Number

###### 

Definition

The EMD card number reported by dispatch, consisting of the card number, dispatch level, and dispatch mode

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E03\_03 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

###### 

Constraints

Data Type

string

minLength

1

maxLength

10

###### 

Data Element Comment

eDispatch.04 - Dispatch Center Name or ID

###### 

Definition

The name or ID of the dispatch center providing electronic data to the PCR for the EMS agency, if applicable.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

This element can be used to identify the dispatch center (Primary or Secondary Public Safety Answering Point - PSAP) that

dispatches the EMS agency. If the EMS agency is able to populate the Patient Care Report (PCR) with CAD specific details (times, incident address information, crew information, EMD, etc.) the name or ID of the dispatch center should be documented.

Version 3 Changes Implemented

Added to the dataset to assist in identifying the CAD / dispatch center providing information to the EMS agency and ePCR

when there are multiple dispatch centers sending resources to the same EMS incident.

eDispatch.05 - Dispatch Priority (Patient Acuity)

###### 

Definition

The actual, apparent, or potential acuity of the patient's condition as determined through information obtained during the EMD process.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

2305001 Critical

2305003 Emergent

2305005 Lower Acuity

2305007 Non-Acute [e.g., Scheduled Transfer or Standby]

Data Element Comment

The use of acuity values vary by EMS agency. Some systems may utilize fewer than four levels and some more. The use of four levels is to capture the majority and allow for the inclusion of the NHTSA National EMS Core Content definitions for patient acuity, specifically: Critical, Emergent, and Lower Acuity.

Provided below is an example application only. This example bears no relationship to any particular federal, state, or agency billing requirement.

For EMS Agencies and CAD / EMD systems utilizing Alpha-Echo, Omega levels for determining the priority level for dispatch of the EMS unit, the recommended mapping is:

|  |  |  |
| --- | --- | --- |
| Echo = Critical | Charlie = Emergent | Alpha = Lower Acuity |
| Delta = Critical | Bravo = Emergent | Omega = Non-Acute |

Patient Acuity 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>

For Air Medical Transports the most appropriate values choices should be limited to two: Emergent and Non-Acute.

eDispatch.06 - Unit Dispatched CAD Record ID

###### 

Definition

The unique ID assigned by the CAD system for the specific unit response.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

3

maxLength

50

###### 

Data Element Comment

The Unit Dispatched CAD Record ID is populated from a CAD system. This information will not be known to the EMS

professional.

Use Case: Some CAD systems may use the Unit Dispatched CAD Record ID as the Patient Care Report Number (eRecord.01). This may also be a GUID from a CAD system. A GUID for the CAD push to remain unique as updates are sent from CAD. This could be a stream and unique to the record or patient depending on the capabilities of the CAD system. How the Unit Dispatched CAD Record ID is created could vary as it could be a concatenation of multiple elements or a true GUID.

# eCrew



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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 0 : M | eCrew.03 - Crew Member Response Role | S | E | N, L | C |

#### eCrew

eCrew.CrewGroup

C

eCrew.01 - Crew Member ID

S

E

N, L

eCrew.02 - Crew Member Level

S

E

N, L

0 : M

0 : 1

0 : 1

eCrew

eCrew.01 - Crew Member ID

Definition

The state certification/licensure ID number assigned to the crew member.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E04\_01 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

Document the state certification/licensure ID for the state where the event occurred.

eCrew.02 - Crew Member Level

Definition

The functioning level of the crew member ID during this EMS patient encounter.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E04\_03 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

9925001 2009 Advanced Emergency Medical Technician (AEMT) 9925003 2009 Emergency Medical Responder (EMR)

9925005 2009 Emergency Medical Technician (EMT)

9925007 2009 Paramedic

9925013 First Responder

9925015 EMT-Basic

9925017 EMT-Intermediate

9925019 EMT-Paramedic

9925023 Other Healthcare Professional 9925025 Other Non-Healthcare Professional 9925027 Physician

9925029 Respiratory Therapist

9925031 Student

9925033 Critical Care Paramedic 9925035 Community Paramedicine

9925037 Nurse Practitioner

9925039 Physician Assistant

9925041 Licensed Practical Nurse (LPN) 9925043 Registered Nurse

Data Element Comment

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

eCrew.03 - Crew Member Response Role

Definition

The role(s) of the role member during response, at scene treatment, and/or transport.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E04\_02 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

Code Description

2403001 Driver/Pilot-Response

2403003 Driver/Pilot-Transport

2403005 Other

2403007 Other Patient Caregiver-At Scene 2403009 Other Patient Caregiver-Transport 2403011 Primary Patient Caregiver-At Scene 2403013 Primary Patient Caregiver-Transport

Data Element Comment

This element has been changed to allow for multiple selections. There must be a driver for response and transport. There

must be a primary patient caregiver for scene and transport.

# 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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 : 1 | eTimes.01 - PSAP Call Date/Time | N | S | R | N, L |
| 0 : 1 | eTimes.02 - Dispatch Notified Date/Time | O |  |  |  |
|  |  |  |  |  |  |
| 1 : 1 | eTimes.03 - Unit Notified by Dispatch Date/Time | N | S | M |  |
| 0 : 1 | eTimes.04 - Dispatch Acknowledged Date/Time | O |  |  |  |
|  |  |  |  |  |  |
| 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 |
|  |  |  |  |  |  |
| 0 : 1 | eTimes.08 - Transfer of EMS Patient Care Date/Time | S | E | N, L |  |
|  |  |  |  |  |  |
| 1 : 1 | eTimes.09 - Unit Left Scene Date/Time | N | S | R | N, L |
| 0 : 1 | eTimes.10 - Arrival at Destination Landing Area Date/Time | O |  |  |  |
|  |  |  |  |  |  |
| 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 |  |
|  |  |  |  |  |  |
| 0 : 1 | eTimes.14 - Unit Canceled Date/Time | S | O |  |  |
|  |  |  |  |  |  |
| 0 : 1 | eTimes.15 - Unit Back at Home Location Date/Time | O |  |  |  |
|  |  |  |  |  |  |
| 0 : 1 | eTimes.16 - EMS Call Completed Date/Time | O |  |  |  |

#### eTimes

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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

eTimes.02 - Dispatch Notified Date/Time

###### 

Definition

The date/time dispatch was notified by the 911 call taker (if a separate entity).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E05\_03 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 PSAP Call Date/Time (eTimes.01).

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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

eTimes.04 - Dispatch Acknowledged Date/Time

###### 

Definition

The date/time the dispatch was acknowledged by the EMS Unit.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 is the end of turnout time or the beginning of response time. Added per Fire Service to better calculate NFPA 1710.

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 |

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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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

eTimes.08 - Transfer of EMS Patient Care Date/Time

Definition

The date/time the patient was transferred from this EMS agency to another EMS agency for care.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E05\_08 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

eTimes.10 - Arrival at Destination Landing Area Date/Time

###### 

Definition

The date/time the Air Medical vehicle arrived at the destination landing area.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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

eTimes.14 - Unit Canceled Date/Time

Definition

The date/time the unit was canceled.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E05\_12 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Response

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 is to be documented if the unit went en route but neither arrived on scene nor made patient contact.

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 |

eTimes.15 - Unit Back at Home Location Date/Time

###### 

Definition

The date/time the responding unit was back in their service area. With agencies who utilized Agency Status Management, home location means the service area as assigned through the agency status management protocol.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E05\_13 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Response

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

eTimes.16 - EMS Call Completed Date/Time

###### 

Definition

The date/time the responding unit completed all tasks associated with the event including transfer of the patient, and such things as cleaning and restocking.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Response

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 many EMS agencies, this would equal Unit Back in Service Date/Time (eTimes.13) if no travel is required to be back in

service.

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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | ePatient.21 - Driver's License Number | O |

#### ePatient

ePatient.01 - EMS Patient ID

ePatient.PatientNameGroup

ePatient.02 - Last Name

S

E

N, L, P

ePatient.03 - First Name

S

E

N, L, P

ePatient.05 - Patient's Home Address

S

O

ePatient.06 - Patient's Home City

S

O

ePatient.07 - Patient's Home County

N

S

R

N, L

ePatient.08 - Patient's Home State

N

S

R

N, L

ePatient.09 - Patient's Home ZIP Code

N

S

R

N, L

ePatient.10 - Patient's Country of Residence

S

O

ePatient.13 - Gender

N

S

R

N, L

1 : M

ePatient.14 - Race

N

S

R

N, L

C

ePatient.AgeGroup

ePatient.15 - Age

N

S

R

N, L

ePatient.16 - Age Units

N

S

R

N, L

ePatient.17 - Date of Birth

S

E

N, L, P

ePatient.18 - Patient's Phone Number

O

C

ePatient.19 - Patient's Email Address

O

C

ePatient.20 - State Issuing Driver's License

O

0 : 1

O

0 : 1

0 : 1

0 : 1

0 : 1

O

0 : 1

0 : 1

1 : 1

1 : 1

1 : 1

0 : 1

0 : 1

O

0 : 1

O

1 : 1

1 : 1

1 : 1

1 : 1

0 : 1

0 : M

0 : M

0 : 1

ePatient.04 - Middle Initial/Name

ePatient.11 - Patient Home Census Tract

ePatient.12 - Social Security Number

ePatient

ePatient.01 - EMS Patient ID

###### 

Definition

The unique ID for the patient within the Agency

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

This has been inserted to allow each patient to be tracked across multiple PCRs within an EMS Agency.

ePatient.02 - Last Name

Definition

The patient's last (family) name

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E06\_01 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

Pertinent Negatives (PN)

8801019 - Refused

Constraints

7701003 - Not Recorded 8801023 - Unable to Complete

7701005 - Not Reporting

Data Type

string

minLength

1

maxLength

60

###### 

Data Element Comment

Pertinent negatives accepted with option of "Unable to Complete" or "Refused".

ePatient.03 - First Name

Definition

The patient's first (given) name

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E06\_02 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

Pertinent Negatives (PN)

8801019 - Refused

Constraints

7701003 - Not Recorded 8801023 - Unable to Complete

7701005 - Not Reporting

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

Pertinent negatives accepted with option of "Unable to Complete" or "Refused".

ePatient.04 - Middle Initial/Name

###### 

Definition

The patient's middle name, if any

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E06\_03 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

ePatient.05 - Patient's Home Address

Definition

Patient's address of residence

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E06\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Attributes

StreetAddress2 Data Type: string

**minLength:** 1

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

This is a CMS standard. According to the Medicare Claims Processing Manual, Chapter 15 - Ambulance, Ambulance

suppliers bill using CMS-1500 form or CMS-1450 form for institution-based ambulance providers. This standard adheres to CMS-1500 and 1450.

This element allows for a two line documentation of the address. For out of country addresses the second line should be used to document, city, country, postal code and any other pertinent information.

ePatient.06 - Patient's Home City

Definition

The patient's primary city or township of residence.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E06\_05 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Data Element Comment

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website. GNIS Codes Website: <http://geonames.usgs.gov/domestic/download_data.htm>

ePatient.07 - Patient's Home County

Definition

The patient's home county or parish of 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

Pattern

[0-9]{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>

ePatient.08 - Patient's Home State

Definition

The state, territory, or province 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

Pattern

[0-9]{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>

ePatient.09 - Patient's Home ZIP Code

Definition

The patient's 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/](http://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/)

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

##### State

ePatient.10 - Patient's Country of Residence

Definition

The country of residence of the patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E06\_09 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

string

length

2

###### 

Data Element Comment

Based on the ISO Country Code.

ANSI Country Codes (ISO 3166) Website: <http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm>

ePatient.11 - Patient Home Census Tract

###### 

Definition

The census tract in which the patient lives

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Pattern

[0-9]{11}

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.

The format of the census tract number must be an 11-digit number, based upon the 2010 census, using the pattern: 2-digit State Code 3-digit County Code 6-digit Census Tract Number (no decimal)

Example: NEMSIS TAC office (UT, Salt Lake County, Census Tract - located at 295 Chipeta Way, Salt Lake City, UT) 49035101400

Census Tract Data Website (files and descriptions): <http://www.census.gov/geo/maps-data/data/tract_rel_download.html>

ePatient.12 - Social Security Number

###### 

Definition

The patient's social security number

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E06\_10 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

[0-9]{9}

Data Element Comment

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

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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: https://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-089.html. 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.

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

integer

minInclusive

1

maxInclusive

120

###### 

Data Element Comment

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

##### State

ePatient.17 - Date of Birth

Definition

The patient's date of birth

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E06\_16 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

Pertinent Negatives (PN)

8801019 - Refused

Constraints

7701003 - Not Recorded 8801023 - Unable to Complete

7701005 - Not Reporting

Data Type

date

minInclusive

1890-01-01

maxInclusive

2050-01-01

###### 

Data Element Comment

ePatient.18 - Patient's Phone Number

###### 

Definition

The patient's phone number

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E06\_17 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**PhoneNumberType**

9913001 - Fax

9913007 - Pager

minLength: 0

9913003 - Home

9913009 - Work

**maxLength:** 255

9913005 - Mobile

###### 

Constraints

Pattern

[2-9][0-9][0-9]-[2-9][0-9][0-9]-[0-9][0-9][0-9][0-9]

Data Element Comment

This element contains an attribute to define what type of phone number is being documented (e.g., Fax, Home, Mobile, Pager,

and Work).

ePatient.19 - Patient's Email Address

###### 

Definition

The email address of the patient

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**EmailAddressType**

9904001 - Personal

minLength: 0

9904003 - Work

**maxLength:** 255

###### 

Constraints

Data Type

string

Pattern

.+@.+

minLength

3

maxLength

100

###### 

Data Element Comment

Added to improve follow-up and billing communication.

ePatient.20 - State Issuing Driver's License

###### 

Definition

The state that issued the drivers license

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E06\_18 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

[0-9]{2}

Data Element Comment

Stored as the ANSI State Code.

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

ePatient.21 - Driver's License Number

###### 

Definition

The patient's drivers license number

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E06\_19 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

30

###### 

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

0 : 1

ePayment.01 - Primary Method of Payment ePayment.CertificateGroup

0 : 1

ePayment.02 - Physician Certification Statement

0 : 1

ePayment.03 - Date Physician Certification Statement Signed

1. S R

O O

N, L

0 : 1

0 : M

0 : 1

0 : 1

0 : 1

ePayment.04 - Reason for Physician Certification Statement O C

O O O

ePayment.05 - Healthcare Provider Type Signing Physician Certification Statement

ePayment.06 - Last Name of Individual Signing Physician Certification Statement

ePayment.07 - First Name of Individual Signing Physician Certification Statement

ePayment.08 - Patient Resides in Service Area

O

0 : M

0 : 1

ePayment.InsuranceGroup C

0 : 1 O

ePayment.09 - Insurance Company ID

0 : 1 O

ePayment.10 - Insurance Company Name

0 : 1 O

ePayment.11 - Insurance Company Billing Priority

0 : 1 O

ePayment.12 - Insurance Company Address

0 : 1 O

ePayment.13 - Insurance Company City

0 : 1 O

ePayment.14 - Insurance Company State

0 : 1 O

ePayment.15 - Insurance Company ZIP Code

0 : 1 O

ePayment.16 - Insurance Company Country

0 : 1 O

ePayment.17 - Insurance Group ID

0 : 1 O

ePayment.18 - Insurance Policy ID Number

0 : 1 O

ePayment.19 - Last Name of the Insured

0 : 1 O

ePayment.20 - First Name of the Insured

0 : 1 O

ePayment.21 - Middle Initial/Name of the Insured

0 : 1 O

ePayment.22 - Relationship to the Insured

0 : 1 O

ePayment.58 - Insurance Group Name

ePayment.ClosestRelativeGroup

0 : 1 O

ePayment.23 - Closest Relative/Guardian Last Name

0 : 1 O

ePayment.24 - Closest Relative/ Guardian First Name

0 : 1 O

ePayment.25 - Closest Relative/ Guardian Middle Initial/Name

0 : 1 O

ePayment.26 - Closest Relative/ Guardian Street Address

0 : 1 O

ePayment.27 - Closest Relative/ Guardian City

0 : 1 O

ePayment.28 - Closest Relative/ Guardian State

|  |  |  |  |
| --- | --- | --- | --- |
| 0 : 1 | ePayment.29 - Closest Relative/ Guardian ZIP Code | O |  |
|  | | O | |
| 0 : 1 | ePayment.30 - Closest Relative/ Guardian Country |
|  | |
| 0 : M | ePayment.31 - Closest Relative/ Guardian Phone Number | O | C |
|  | | O | |
| 0 : 1 | ePayment.32 - Closest Relative/ Guardian Relationship |

0 : 1

0 : 1

0 : M

0 : M

0 : M

0 : 1

0 : 1

0 : M

0 : 1

0 : 1

1 : 1

0 : M

0 : M

0 : 1

0 : 1

0 : M

ePayment.EmployerGroup

0 : 1

ePayment.33 - Patient's Employer

0 : 1

ePayment.34 - Patient's Employer's Address

0 : 1

ePayment.35 - Patient's Employer's City

0 : 1

ePayment.36 - Patient's Employer's State

0 : 1

ePayment.37 - Patient's Employer's ZIP Code

0 : 1

ePayment.38 - Patient's Employer's Country

0 : 1

ePayment.39 - Patient's Employer's Primary Phone Number

ePayment.40 - Response Urgency

ePayment.41 - Patient Transport Assessment ePayment.42 - Specialty Care Transport Care Provider ePayment.44 - Ambulance Transport Reason Code

ePayment.45 - Round Trip Purpose Description

ePayment.46 - Stretcher Purpose Description

ePayment.47 - Ambulance Conditions Indicator

ePayment.48 - Mileage to Closest Hospital Facility

ePayment.50 - CMS Service Level ePayment.51 - EMS Condition Code ePayment.52 - CMS Transportation Indicator

ePayment.49 - ALS Assessment Performed and Warranted

ePayment.53 - Transport Authorization Code

ePayment.54 - Prior Authorization Code Payer

ePayment.SupplyItemGroup

0 : 1

ePayment.55 - Supply Item Used Name

0 : 1

ePayment.56 - Number of Supply Item(s) Used

|  |  |  |
| --- | --- | --- |
| 0 : 1 | ePayment.57 - Payer Type | O |

O O O O O O O

O

1. C

O C

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O C O

O

1. S R
2. C

O C O

O

O O

N, L

C

#### 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 2601015 Payment by Facility 2601017 Contracted Payment

2601019 Community Network 2601021 No Insurance Identified 2601023 Other Payment Option

Data Element Comment

ePayment.02 - Physician Certification Statement

###### 

Definition

Indication of whether a physician certification statement (PCS) is available documenting the medical necessity or the EMS encounter.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_02 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9922001 No

9922003 Unknown

9922005 Yes

Data Element Comment

Data Element Name changed from Certificate of Medical Necessity to Physician Certification Statement. The PCS statement

and documentation of medical necessity is a requirement of the Centers for Medicare & Medicaid Services. The [circumstances are defined in 42 CFR 410.40 (d)(2) and (d)(3). http://www.cms.gov/](http://www.cms.gov/)

A PCS is required for the following non-emergency transport:

1. Non-Emergency Repetitive Scheduled
2. Non Emergency Non-Repetitive-Scheduled
3. Non Emergency Services - Non Scheduled - Under direct care of a physician

ePayment.03 - Date Physician Certification Statement Signed

###### 

Definition

The date the Physician Certification Statement was signed

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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

Added to assist in billing documentation. Associated with ePayment.02: Physician Certification Statement.

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 |

ePayment.04 - Reason for Physician Certification Statement

###### 

Definition

The reason for EMS transport noted on the Physician Certification Statement

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

2604001 Bed Confined

2604003 Cardiac/Hemodynamic monitoring required during transport 2604005 Confused, combative, lethargic, comatose

2604007 Contractures

2604009 Danger to self or others-monitoring

2604011 Danger to self or others-seclusion (flight risk) 2604013 DVT requires elevation of lower extremity 2604015 IV medications/fluids required during transport 2604017 Moderate to severe pain on movement

2604019 Morbid Obesity requires additional personnel/equipment to handle 2604021 Non-healing fractures

2604023 Orthopedic device (backboard, halo, use of pins in traction, etc.) requiring special handling in transit 2604025 Restraints (Physical or Chemical) anticipated or used during transport

2604027 Risk of falling off wheelchair or stretcher while in motion (not related to obesity)

2604029 Severe Muscular weakness and de-conditioned state precludes any significant physical activity 2604031 Special handling en route-Isolation

2604033 Third Party assistance/attendant required to apply, administer, or regulate or adjust oxygen en route 2604035 Unable to maintain erect sitting position in a chair for time needed to transport, due to moderate muscular

weakness and de-conditioning.

2604037 Unable to sit in chair or wheelchair due to Grade II or greater decubitus ulcers on buttocks.

Data Element Comment

Added to assist in billing documentation.

ePayment.05 - Healthcare Provider Type Signing Physician Certification Statement

###### 

Definition

The type of healthcare provider who signed the Physician Certification Statement

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

2605001 Clinical Nurse Specialist 2605003 Discharge Planner 2605005 Physician (MD or DO) 2605007 Physician Assistant

2605009 Registered Nurse

2605011 Registered Nurse Practitioner

Data Element Comment

CMS defines the individual signing the PCS as a person who has personal knowledge of the beneficiary's condition at the time

the ambulance transport is ordered or the service is furnished.

ePayment.06 - Last Name of Individual Signing Physician Certification Statement

###### 

Definition

The last name of the healthcare provider who signed the Physician Certification Statement.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

60

###### 

Data Element Comment

Added to assist in billing documentation.

ePayment.07 - First Name of Individual Signing Physician Certification Statement

###### 

Definition

The first name of the healthcare provider who signed the Physician Certification Statement.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

Added to assist in billing documentation.

ePayment.08 - Patient Resides in Service Area

###### 

Definition

An indication of whether the patient's current residence is within the EMS agency service area.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

2608001 Resident Within EMS Service Area 2608003 Not a Resident Within EMS Service Area

Data Element Comment

Added to assist in billing documentation.

ePayment.09 - Insurance Company ID

###### 

Definition

The ID Number of the patient's insurance company.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_03 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

60

###### 

Data Element Comment

This element should be used as the Health Plan ID (HPID) field in X12. It is currently under development for X12 and will be a

future release.

ePayment.10 - Insurance Company Name

###### 

Definition

The name of the patient's insurance company.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

60

###### 

Data Element Comment

ePayment.11 - Insurance Company Billing Priority

###### 

Definition

The billing priority or order for the insurance company.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

2611001 Other

2611003 Primary

2611005 Secondary

2611007 Tertiary

2611009 Payer Responsibility Four 2611011 Payer Responsibility Five 2611013 Payer Responsibility Six 2611015 Payer Responsibility Seven 2611017 Payer Responsibility Eight 2611019 Payer Responsibility Nine 2611021 Payer Responsibility Ten 2611023 Payer Responsibility Eleven 2611025 Unknown

Data Element Comment

ePayment.12 - Insurance Company Address

###### 

Definition

The mailing address of the Insurance Company

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_05 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Attributes

StreetAddress2 Data Type: string

**minLength:** 1

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

ePayment.13 - Insurance Company City

###### 

Definition

The insurance company's city or township used for mailing purposes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_06 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

30

###### 

Data Element Comment

The city elements within the ePayment section have been updated to allow free text. This is important for mailing address

purposes to submit claims and identify the correct payer.

ePayment.14 - Insurance Company State

###### 

Definition

The insurance company's state, territory, or province, or District of Columbia.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_07 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

[0-9]{2}

Data Element Comment

Based on the ANSI State Code.

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

ePayment.15 - Insurance Company ZIP Code

###### 

Definition

The insurance company's ZIP Code

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_08 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

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/](http://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/)

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

ePayment.16 - Insurance Company Country

###### 

Definition

The insurance company's country

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

length

2

###### 

Data Element Comment

Based on the ISO Country Code.

ANSI Country Codes (ISO 3166) Website: <http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm>

Version 3 Changes Implemented

Added to better document international addresses.

ePayment.17 - Insurance Group ID

###### 

Definition

The ID number of the patient's insurance group.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_09 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

30

###### 

Data Element Comment

ePayment.18 - Insurance Policy ID Number

###### 

Definition

The ID number of the patient's insurance policy

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_10 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

30

###### 

Data Element Comment

ePayment.19 - Last Name of the Insured

###### 

Definition

The last (family) name of the person insured by the insurance company.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_11 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

60

###### 

Data Element Comment

ePayment.20 - First Name of the Insured

###### 

Definition

The first (given) name of the person insured by the insurance company

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_12 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

ePayment.21 - Middle Initial/Name of the Insured

###### 

Definition

The middle name, if any, of the person insured by the insurance company.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_13 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

ePayment.22 - Relationship to the Insured

###### 

Definition

The relationship of the patient to the primary insured person

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_14 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

2622001 Self

2622003 Spouse

2622005 Child/Dependent

2622009 Cadaver Donor

2622011 Employee

2622013 Life/Domestic Partner

2622015 Organ Donor

2622017 Unknown

2622019 Other Relationship

Data Element Comment

Descriptors are consistent with X12 Loop 2000C PAT01, Specifies the patient's relationship to the person insured.

ePayment.58 - Insurance Group Name

###### 

Definition

The name of the patient's insurance group.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

30

###### 

Data Element Comment

ePayment.23 - Closest Relative/Guardian Last Name

###### 

Definition

The last (family) name of the patient's closest relative or guardian

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_18 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

60

###### 

Data Element Comment

ePayment.24 - Closest Relative/ Guardian First Name

###### 

Definition

The first (given) name of the patient's closest relative or guardian

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_19 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

ePayment.25 - Closest Relative/ Guardian Middle Initial/Name

###### 

Definition

The middle name/initial, if any, of the closest patient's relative or guardian.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_20 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

ePayment.26 - Closest Relative/ Guardian Street Address

###### 

Definition

The street address of the residence of the patient's closest relative or guardian.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_21 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Attributes

StreetAddress2 Data Type: string

**minLength:** 1

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

This element allows for a two line documentation of the address. For out of country addresses the second line should be used

to document, city, country, postal code and any other pertinent information.

ePayment.27 - Closest Relative/ Guardian City

###### 

Definition

The primary city or township of residence of the patient's closest relative or guardian.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_22 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

30

###### 

Data Element Comment

The city elements within the ePayment section have been updated to allow free text. This is important for mailing address

purposes to submit claims and identify the correct payer.

ePayment.28 - Closest Relative/ Guardian State

###### 

Definition

The state of residence of the patient's closest relative or guardian.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_23 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

[0-9]{2}

Data Element Comment

Based on ANSI State Code.

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

ePayment.29 - Closest Relative/ Guardian ZIP Code

###### 

Definition

The ZIP Code of the residence of the patient's closest relative or guardian.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_24 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

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/](http://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/)

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

ePayment.30 - Closest Relative/ Guardian Country

###### 

Definition

The country of residence of the patient's closest relative or guardian.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

length

2

###### 

Data Element Comment

Based on the ISO Country Code.

ANSI Country Codes (ISO 3166) Website: <http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm>

Version 3 Changes Implemented

Added to improve international compatibility.

ePayment.31 - Closest Relative/ Guardian Phone Number

###### 

Definition

The phone number of the patient's closest relative or guardian

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_25 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**PhoneNumberType**

9913001 - Fax

9913007 - Pager

minLength: 0

9913003 - Home

9913009 - Work

**maxLength:** 255

9913005 - Mobile

###### 

Constraints

Pattern

[2-9][0-9][0-9]-[2-9][0-9][0-9]-[0-9][0-9][0-9][0-9]

Data Element Comment

ePayment.32 - Closest Relative/ Guardian Relationship

###### 

Definition

The relationship of the patient's closest relative or guardian

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_26 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

2632001 Appointed Guardian

2632003 Child/Dependent

2632005 Father

2632007 Mother

2632009 Other (Non-Relative)

2632011 Other (Relative)

2632013 Sibling

2632015 Spouse

2632017 Employee

2632019 Life/Domestic Partner

2632021 Unknown

Data Element Comment

ePayment.33 - Patient's Employer

###### 

Definition

The patient's employers Name

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_27 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

60

###### 

Data Element Comment

ePayment.34 - Patient's Employer's Address

###### 

Definition

The street address of the patient's employer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_28 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Attributes

StreetAddress2 Data Type: string

**minLength:** 1

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

This element allows for a two line documentation of the address. For out of country addresses the second line should be used

to document, city, country, postal code and any other pertinent information.

ePayment.35 - Patient's Employer's City

###### 

Definition

The city or township of the patient's employer used for mailing purposes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_29 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

30

###### 

Data Element Comment

The city elements within the ePayment section have been updated to allow free text. This is important for mailing address

purposes to submit claims and identify the correct payer.

ePayment.36 - Patient's Employer's State

###### 

Definition

The state of the patient's employer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_30 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

[0-9]{2}

Data Element Comment

Based on ANSI State Code.

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

ePayment.37 - Patient's Employer's ZIP Code

###### 

Definition

The ZIP Code of the patient's employer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_31 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

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/](http://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/)

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

ePayment.38 - Patient's Employer's Country

###### 

Definition

The country of the patient's employer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

length

2

###### 

Data Element Comment

Based on the ISO Country Code.

ANSI Country Codes (ISO 3166) Website: <http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm>

Version 3 Changes Implemented

Added to improve international compatibility.

ePayment.39 - Patient's Employer's Primary Phone Number

###### 

Definition

The employer's primary phone number.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_32 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Attributes

PhoneNumberType

9913001 - Fax

9913007 - Pager

9913003 - Home

9913009 - Work

9913005 - Mobile

###### 

Constraints

Pattern

[2-9][0-9][0-9]-[2-9][0-9][0-9]-[0-9][0-9][0-9][0-9]

Data Element Comment

ePayment.40 - Response Urgency

###### 

Definition

The urgency in which the EMS agency began to mobilize resources for this EMS encounter.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_33 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

2640001 Immediate

2640003 Non-Immediate

Data Element Comment

This is for billing documentation.

ePayment.41 - Patient Transport Assessment

###### 

Definition

Documentation of the patient's transport need based on mobility and/or physical capability.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

2641001 Unable to sit without assistance 2641003 Unable to stand without assistance 2641005 Unable to walk without assistance

Data Element Comment

Added to better justify the medical necessity of the transport. Based on CMS 42 CFR Ch IV (10-1-02 Edition) & 410.40 (d)

medical necessity requirement (1)

ePayment.42 - Specialty Care Transport Care Provider

###### 

Definition

Documentation to show the patient care provided to the patient met the Specialty Care Transport Base Rate requirements.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

2642001 Advanced EMT-Paramedic

2642003 Nurse

2642005 Nurse Practitioner 2642007 Physician (MD, DO) 2642009 Physician Assistant

2642011 2009 Emergency Medical Responder (EMR)

2642013 2009 Emergency Medical Technician (EMT)

2642015 2009 Advanced Emergency Medical Technician (AEMT) 2642017 2009 Paramedic

2642019 First Responder

2642021 EMT-Basic

2642023 EMT-Intermediate

2642025 EMT-Paramedic

2642027 Other Healthcare Professional 2642029 Other Non-Healthcare Professional 2642031 Respiratory Therapist

2642033 Student

2642035 Critical Care Paramedic 2642037 Community Paramedicine

2642039 Registered Nurse

Data Element Comment

Added to improve Specialty Care Transport billing justification. In accordance with CMS requirements Specialty Care

Transport (SCT): ""Additional training" means the specific additional training that a State requires a paramedic to complete in order to qualify to furnish specialty care to a critically ill or injured patient during an SCT."

ePayment.44 - Ambulance Transport Reason Code

###### 

Definition

The CMS Ambulance Transport Reason Code for the transport.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

A Patient was transported to the nearest facility for care of symptoms, complaints, or both B Patient was transported for the benefit of a preferred physician

1. Patient was transported for the nearness of family members
2. Patient was transported for the care of a specialist or for availability of equipment E Patient was transferred to a Rehabilitation Facility

Data Element Comment

Added to improve billing with electronic claims using the ASC X12 Standard. The Ambulance Transport Code values are

those determined by US Dept of HHS for the "Code indicating the type of ambulance transport". The Accredited Standards [Committee X12 organization maintains the standard. See the X12 website http://www.x12.org](http://www.x12.org/) or United States Health Information Knowledgebase website for more information: https://ushik.ahrq.gov/ViewItemDetails?system=sdo&itemKey=133080000

ePayment.45 - Round Trip Purpose Description

###### 

Definition

Free text description providing the purpose of the round trip EMS transport based on CR109 field for CMS.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

80

###### 

Data Element Comment

Added to improve billing documentation for CMS X12 based transactions.

Ambulance providers can use this field to provide additional information regarding the circumstances of a round trip transport or for other medical necessity documentation.

Version 3 Changes Implemented

Added to improve billing with electronic claims using X12

ePayment.46 - Stretcher Purpose Description

###### 

Definition

Free Text Documentation providing the reason for use of a stretcher in the EMS patient transport.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

80

###### 

Data Element Comment

Added to improve billing using CMS X12 transactions based on CR110. Documentation of Stretcher Purpose Description

(ePayment.46) is required when needed to justify use of a stretcher. (X12 - Loop 2300 CR110).

ePayment.47 - Ambulance Conditions Indicator

###### 

Definition

Documentation of the CRC03 through CRC07 requirements for CMS billing using X12 transactions.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

01 Patient was admitted to a hospital

1. Patient was moved by stretcher
2. Patient was unconscious or in shock
3. Patient was transported in an emergency situation
4. Patient had to be physically restrained
5. Patient had visible hemorrhaging
6. Ambulance service was medically necessary

12 Patient is confined to a bed or chair (Use code 12 to indicate patient was bedridden during transport.)

Data Element Comment

Added to improve billing documentation and justification.

###### 

Version 3 Changes Implemented

Added to improve billing with electronic claims using X12. The Codes and Descriptors updated Sept 2013 to meet the X12

5010 standard.

ePayment.48 - Mileage to Closest Hospital Facility

###### 

Definition

The mileage to the closest hospital facility from the scene. Documented only if the patient was transported to a facility farther away than the closest hospital.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

decimal

fractionDigits

2

minInclusive

1

maxInclusive

1000

###### 

Data Element Comment

Added to clarify billing mileage when the patient is not taken to the closest facility.

Version 3 Changes Implemented

Added for improved billing documentation.

ePayment.49 - ALS Assessment Performed and Warranted

###### 

Definition

Documentation that the patient required an ALS assessment and it was performed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

Added to improve billing justification

###### 

Version 3 Changes Implemented

Added to improve billing justification

###### 

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

ePayment.51 - EMS Condition Code

###### 

Definition

The condition code associated with the CMS EMS negotiated rule-making process.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_35 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Constraints

Pattern

[A-Z][0-9][0-9A-Z]((\.[0-9A-Z]{1,3})?)

Data Element Comment

Code list is represented in ICD-10-CM Codes:

Website - [http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

ePayment.52 - CMS Transportation Indicator

###### 

Definition

The CMS Ambulance Fee Schedule Transportation and Air Medical Transportation Indicators are used to better describe why it was necessary for the patient to be transported in a particular way or circumstance.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_37 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

C1 Interfacility Transport (Requires Higher level of care) C2 Interfacility Transport (service not available)

C3 Emergency Trauma Dispatch Condition Code (Major Incident or Mechanism of Injury) C4 Medically Necessary Transport (Facility on Divert or Services Unavailable)

C5 BLS Transport of ALS Patient (ALS not available)

C6 ALS Response (Based on Dispatch Info) to BLS Patient (Condition) C7 IV Medications required en route (ALS)

D1 Long Distance-patient's condition requires rapid transportation over a long distance D2 Rare Circumstances, Traffic Patterns Precludes Ground Transport

D3 Time to the closest appropriate hospital due to the patient's condition precludes ground transport; maximize clinical benefits

D4 Pick up Point not Accessible by Ground Transport

Data Element Comment

Name changed from Condition Code Modifier to CMS Transportation Indicator

###### 

Version 3 Changes Implemented

Name changed from Condition Code Modifier to CMS Transportation Indicator

ePayment.53 - Transport Authorization Code

###### 

Definition

Prior authorization code provided by the insurance carrier/payer.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

Version 3 Changes Implemented

Added to improve billing documentation.

ePayment.54 - Prior Authorization Code Payer

###### 

Definition

The Payer who has provided the Prior Authorization Code.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

Added to document Prior Authorization Codes for an EMS Transport.

Version 3 Changes Implemented

Added to improve billing documentation.

ePayment.55 - Supply Item Used Name

###### 

Definition

The name of the supply used on the patient by the EMS Crew during the EMS event.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

80

###### 

Data Element Comment

Added to track EMS supplies for billing. The list of supplies would be created by the EMS Agency. There is no master list of

supply items defined.

Version 3 Changes Implemented

Added to track EMS supplies for billing.

ePayment.56 - Number of Supply Item(s) Used

###### 

Definition

The number of the specific supply item used on the patient by the EMS Crew during the EMS event.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

positiveInteger

minInclusive

1

maxInclusive

100,000,000

###### 

Data Element Comment

Associated with ePayment.55 (Supply Item Used Name). Used to better track supply items for billing.

Version 3 Changes Implemented

Added to track EMS supplies for billing.

ePayment.57 - Payer Type

###### 

Definition

Payer type according to X12 standard.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

1. Other Non-Federal Programs
2. Preferred Provider Organization (PPO)
3. Point of Service (POS)
4. Exclusive Provider Organization (EPO)
5. Indemnity Insurance
6. Health Maintenance Organization (HMO) Medicare Risk
7. Dental Maintenance Organization AM Automobile Medical

BL Blue Cross/Blue Shield

CH Champus

CI Commercial Insurance Co.

DS Disability

FI Federal Employees Program

HM Health Maintenance Organization LM Liability Medical

MA Medicare Part A

MB Medicare Part B

MC Medicaid

OF Other Federal Program

TV Title V

VA Veteran Affairs Plan

WC Workers' Compensation Health Claim ZZ Mutually Defined

Data Element Comment

This element should only be used if Insurance, Medicare, Medicaid, Workers Compensation, or Other Government are

selected in ePayment.01 - Primary Method of Payment.

# 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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eScene.23 - Incident Census Tract | O |

#### eScene

eScene.01 - First EMS Unit on Scene

N

S

R

N, L

eScene.ResponderGroup

C

eScene.06 - Number of Patients at Scene

N

S

R

N, L

eScene.07 - Mass Casualty Incident

N

S

R

N, L

eScene.08 - Triage Classification for MCI Patient

N

S

R

N, L

eScene.09 - Incident Location Type

N

S

R

N, L

eScene.10 - Incident Facility Code

S

E

N, L

eScene.11 - Scene GPS Location

S

O

eScene.12 - Scene US National Grid Coordinates

S

O

eScene.13 - Incident Facility or Location Name

S

O

eScene.14 - Mile Post or Major Roadway

S

E

N, L

eScene.15 - Incident Street Address

S

E

N, L

eScene.16 - Incident Apartment, Suite, or Room

S

E

N, L

eScene.17 - Incident City

S

E

N, L

eScene.18 - Incident State

N

S

R

N, L

eScene.19 - Incident ZIP Code

N

S

R

N, L

eScene.20 - Scene Cross Street or Directions

S

E

N, L

eScene.21 - Incident County

N

S

R

N, L

eScene.22 - Incident Country

O

1 : 1

0 : M

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

1 : 1

1 : 1

1 : 1

1 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

1 : 1

1 : 1

0 : 1

1 : 1

0 : 1

eScene.02 - Other EMS or Public Safety Agencies at Scene

eScene.03 - Other EMS or Public Safety Agency ID Number

eScene.04 - Type of Other Service at Scene

eScene.05 - Date/Time Initial Responder Arrived on Scene

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.

eScene.02 - Other EMS or Public Safety Agencies at Scene

###### 

Definition

Other EMS agency names that were at the scene, if any

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E08\_01 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

eScene.03 - Other EMS or Public Safety Agency ID Number

###### 

Definition

The ID number for the EMS Agency or Other Public Safety listed in eScene.02

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

25

###### 

Data Element Comment

The ID should be the state ID (license number) for the EMS agency or ID number for the law enforcement. This may be an ID

assigned by the state or created by the EMS agency.

eScene.04 - Type of Other Service at Scene

###### 

Definition

The type of public safety or EMS service associated with Other Agencies on Scene

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E08\_02 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

**Code Description** 2704001 EMS Mutual Aid 2704003 Fire

2704005 First Responder

2704007 Hazmat

2704009 Law

2704011 Other

2704013 Other EMS Agency 2704015 Other Health Care Provider 2704017 Rescue

2704019 Utilities

Data Element Comment

Associated with each Other Service in eScene.02

eScene.05 - Date/Time Initial Responder Arrived on Scene

###### 

Definition

The time that the initial responder arrived on the scene, if applicable.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E08\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI Trauma

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

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

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

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

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](http://nemsis.org/v3/resources.html)

ICD-10-CM

Website - [http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

eScene.10 - Incident Facility Code

Definition

The state, regulatory, or other unique number (code) associated with the facility if the Incident is a Healthcare Facility.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E08\_08 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

This may be populated from a list created within dFacility.03 (Facility Location Code) or dFacility.05 (Facility National Provider

Identifier).

eScene.11 - Scene GPS Location

Definition

The GPS coordinates associated with the Scene.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E08\_10 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Pattern

(\+|-)?(90(\.[0]{1,6})?|([1-8][0-9]|[0-9])(\.[0-9]{1,6})?),(\+|-)?(180(\.[0]{1,6})?|(1[0-7][0-9]|[1-9][0-9]|[0-9])(\.[0-9]{1,6})?)

Data Element Comment

The pattern for GPS location is in the format "*latitude*,*longitude*" where:

* *latitude* has a minimum of -90 and a maximum of 90 with up to 6 decimal places
* *longitude* has a minimum of -180 and a maximum of 180 with up to 6 decimal places

eScene.12 - Scene US National Grid Coordinates

Definition

The US National Grid Coordinates for the Scene.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Pattern

([1-9]|[1-5][0-9]|60)[C-HJ-NP-X][A-HJ-NP-Z][A-HJ-NP-V][0-9]{8}

Data Element Comment

[Standard found at www.fgdc.gov/usng](http://www.fgdc.gov/usng)

eScene.13 - Incident Facility or Location Name

Definition

The name of the facility, business, building, etc. associated with the scene of the EMS event.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

This element may be populated from a list created within dFacility.02 (Facility Name).

eScene.14 - Mile Post or Major Roadway

Definition

The mile post or major roadway associated with the incident locations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

maxLength

35

minLength

1

###### 

Data Element Comment

eScene.15 - Incident Street Address

Definition

The street address where the patient was found, or, if no patient, the address to which the unit responded.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E08\_11 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

StreetAddress2 Data Type: string

7701003 - Not Recorded

minLength: 1

7701005 - Not Reporting

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

eScene.16 - Incident Apartment, Suite, or Room

Definition

The number of the specific apartment, suite, or room where the incident occurred.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

1

maxLength

15

###### 

Data Element Comment

eScene.17 - Incident City

Definition

The city or township (if applicable) where the patient was found or to which the unit responded (or best approximation)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E08\_12 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Data Element Comment

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military"

code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website. GNIS Codes Website: <http://geonames.usgs.gov/domestic/download_data.htm>

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

Pattern

[0-9]{2}

Data Element Comment

Based on the ANSI State Code.

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

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/](http://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/)

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

##### State

eScene.20 - Scene Cross Street or Directions

Definition

The nearest cross street to the incident address or directions from a recognized landmark or the second street name of an intersection.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

Version 3 Changes Implemented

Added to better locate/document the scene (incident) location.

###### 

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

Pattern

[0-9]{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>

eScene.22 - Incident Country

###### 

Definition

The country of the incident location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

length

2

###### 

Data Element Comment

Based on the ISO Country Code.

ANSI Country Codes (ISO 3166) Website: <http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm>

Version 3 Changes Implemented

Added for international compatibility.

eScene.23 - Incident Census Tract

###### 

Definition

The census tract in which the incident occurred.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Pattern

[0-9]{11}

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.

The format of the census tract number must be an 11-digit number, based upon the 2010 census, using the pattern: 2-digit State Code 3-digit County Code 6-digit Census Tract Number (no decimal)

Example: NEMSIS TAC office (UT, Salt Lake County, Census Tract - located at 295 Chipeta Way, Salt Lake City, UT) 49035101400

Census Tract Data Website (files and descriptions): <http://www.census.gov/geo/maps-data/data/tract_rel_download.html>

Version 3 Changes Implemented

Added to improve the ability to use census and other demographic information within EMS research.

# 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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eSituation.18 - Date/Time Last Known Well | O |

#### eSituation

1 : 1 eSituation.01 - Date/Time of Symptom Onset

N S R N, L

1 : 1 eSituation.02 - Possible Injury

N S R N, L

0 : M eSituation.PatientComplaintGroup

C

0 : 1 eSituation.03 - Complaint Type

S E N, L

0 : 1 eSituation.04 - Complaint

S E N, L

0 : 1 eSituation.05 - Duration of Complaint

S E N, L

0 : 1 eSituation.06 - Time Units of Duration of Complaint

S E 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 C

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 C

1 : 1 eSituation.13 - Initial Patient Acuity

N S R N, L

0 : 1 eSituation.WorkRelatedGroup

0 : 1 eSituation.14 - Work-Related Illness/Injury

S E N, L

0 : 1 eSituation.15 - Patient's Occupational Industry

O

0 : 1 eSituation.16 - Patient's Occupation

O

0 : M eSituation.17 - Patient Activity

S E N, L C

eSituation

eSituation.01 - Date/Time of Symptom Onset

Definition

The date and time the symptom began (or was discovered) 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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 define the EMS patient event.

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.

eSituation.03 - Complaint Type

Definition

The type of patient healthcare complaint being documented.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

2803001 Chief (Primary)

2803003 Other

2803005 Secondary

Data Element Comment

This was added to group complaints in a more efficient manner

###### 

Version 3 Changes Implemented

Added to improve data integrity.

eSituation.04 - Complaint

Definition

The statement of the problem by the patient or the history provider.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E09\_05 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

eSituation.05 - Duration of Complaint

Definition

The duration of the complaint

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E09\_06 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

integer

minInclusive

1

maxInclusive

365

###### 

Data Element Comment

Associated with eSituation.06 (Time Units of Duration of the Complaint).

eSituation.06 - Time Units of Duration of Complaint

Definition

The time units of the duration of the patient's complaint

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E09\_07 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

2806001 Seconds

2806003 Minutes

2806005 Hours

2806007 Days

2806009 Weeks

2806011 Months

2806013 Years

Data Element Comment

Associated with eSituation.05 (Duration of the Complaint).

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.

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.

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

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

ICD-10-CM

Website - [http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

Constraints

Pattern

(R[0-6][0-9](\.[0-9]{1,4})?|(R73\.9)|(R99))|([A-QSTZ][0-9][0-9A-Z])((\.[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](http://nemsis.org/v3/resources.html)

ICD-10-CM

Website - [http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

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

(R[0-6][0-9](\.[0-9]{1,4})?|(R73\.9)|(R99))|([A-QSTZ][0-9][0-9A-Z])((\.[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](http://nemsis.org/v3/resources.html)

ICD-10-CM

Website - [http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

Constraints

Pattern

(R[0-6][0-9](\.[0-9]{1,4})?|(R73\.9)|(R99))|([A-QSTZ][0-9][0-9A-Z])((\.[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](http://nemsis.org/v3/resources.html)

ICD-10-CM

Website - [http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

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.

##### State

eSituation.14 - Work-Related Illness/Injury

Definition

Indication of whether or not the illness or injury is work related.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E07\_15 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

9922001 No

9922003 Unknown

9922005 Yes

Data Element Comment

Moved from Version 2.2.1 E07\_15 to allow more complete documentation of work related illness and injury.

eSituation.15 - Patient's Occupational Industry

###### 

Definition

The occupational industry of the patient's work.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_16 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

2815001 Accommodation and Food Services

2815003 Administrative and Support and Waste Management and Remediation Services 2815005 Agriculture, Forestry, Fishing and Hunting

2815007 Arts, Entertainment, and Recreation 2815009 Construction

2815011 Educational Services 2815013 Finance and Insurance

2815015 Health Care and Social Assistance 2815017 Information

2815019 Management of Companies and Enterprises 2815021 Manufacturing

2815023 Mining, Quarrying, and Oil and Gas Extraction 2815025 Other Services (except Public Administration) 2815027 Professional, Scientific, and Technical Services 2815029 Public Administration

2815031 Real Estate and Rental and Leasing 2815033 Retail Trade

2815035 Transportation and Warehousing 2815037 Utilities

2815039 Wholesale Trade

Data Element Comment

From the North American Industry Classification System (NAICS) from US Bureau of Labor Statistics

[(http://www.census.gov/cgi-bin/sssd/naics/naicsrch?chart=2007).](http://www.census.gov/cgi-bin/sssd/naics/naicsrch?chart=2007))

eSituation.16 - Patient's Occupation

###### 

Definition

The occupation of the patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E07\_17 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

2816001 Architecture and Engineering Occupations

2816003 Arts, Design, Entertainment, Sports, and Media Occupations 2816005 Building and Grounds Cleaning and Maintenance Occupations 2816007 Business and Financial Operations Occupations

2816009 Community and Social Services Occupations 2816011 Computer and Mathematical Occupations 2816013 Construction and Extraction Occupations 2816015 Education, Training, and Library Occupations 2816017 Farming, Fishing and Forestry Occupations

2816019 Food Preparation and Serving Related Occupations 2816021 Healthcare Practitioners and Technical Occupations 2816023 Healthcare Support Occupations

2816025 Installation, Maintenance, and Repair Occupations 2816027 Legal Occupations

2816029 Life, Physical, and Social Science Occupations 2816031 Management Occupations

2816033 Military Specific Occupations

2816035 Office and Administrative Support Occupations 2816037 Personal Care and Service Occupations 2816039 Production Occupations

2816041 Protective Service Occupations 2816043 Sales and Related Occupations

2816045 Transportation and Material Moving Occupations

Data Element Comment

Based on the Standard Occupational Classification of the US Bureau of Labor Statistics

[(http://www.bls.gov/soc/major\_groups.htm)](http://www.bls.gov/soc/major_groups.htm))

Version 3 Changes Implemented

Added to better describe work related injury.

##### State

eSituation.17 - Patient Activity

Definition

The activity the patient was involved in at the time the patient experienced the onset of symptoms or experienced an injury.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Constraints

Pattern

Y93\.[A-Za-z0-9]{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](http://nemsis.org/v3/resources.html)

Code list is represented in ICD-10 Codes. [Website - http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/)

Product - UMLS Metathesaurus

eSituation.18 - Date/Time Last Known Well

###### 

Definition

The estimated date and time the patient was last known to be well or in their usual state of health. This is described or estimated by the patient, family, and/or bystanders.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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. For injury or trauma related events, this is the date and time the patient was injured.

# 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 C

0 : M

eInjury.02 - Mechanism of Injury

S E N, L C

1 : M

1 : M

0 : 1

0 : 1

eInjury.03 - Trauma Center Criteria

eInjury.04 - Vehicular, Pedestrian, or Other Injury Risk Factor eInjury.05 - Main Area of the Vehicle Impacted by the Collision eInjury.06 - Location of Patient in Vehicle

N S R

N S R

S O

S O

N, L C

N, L C

0 : M

0 : M

0 : 1

0 : M

0 : 1

eInjury.07 - Use of Occupant Safety Equipment eInjury.08 - Airbag Deployment

eInjury.09 - Height of Fall (feet)

eInjury.10 - OSHA Personal Protective Equipment Used eInjury.CollisionGroup

S E N, L C S O C

S O

O C

0 : 1

0 : 1

0 : M

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : M

0 : 1

0 : 1

0 : 1

0 : M

eInjury.11 - ACN System/Company Providing ACN Data O

eInjury.12 - ACN Incident ID O

eInjury.13 - ACN Call Back Phone Number O C

eInjury.14 - Date/Time of ACN Incident O

eInjury.15 - ACN Incident Location O

eInjury.16 - ACN Incident Vehicle Body Type O

eInjury.17 - ACN Incident Vehicle Manufacturer O

eInjury.18 - ACN Incident Vehicle Make O

eInjury.19 - ACN Incident Vehicle Model O

eInjury.20 - ACN Incident Vehicle Model Year O

eInjury.21 - ACN Incident Multiple Impacts O

eInjury.22 - ACN Incident Delta Velocity O C

eInjury.23 - ACN High Probability of Injury O

eInjury.24 - ACN Incident PDOF O

eInjury.25 - ACN Incident Rollover O

eInjury.SeatGroup C

0 : 1

0 : 1

0 : 1

eInjury.26 - ACN Vehicle Seat Location O

eInjury.27 - Seat Occupied O

eInjury.28 - ACN Incident Seatbelt Use O

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eInjury.29 - ACN Incident Airbag Deployed | O |

#### 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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

Constraints

Pattern

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

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](http://uts.nlm.nih.gov/)

Product - UMLS Metathesaurus

##### State

eInjury.02 - Mechanism of Injury

Definition

The mechanism of the event which caused the injury

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E10\_03 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

Code Description

2902001 Blunt

2902003 Burn

2902005 Other

2902007 Penetrating

Data Element Comment

eInjury.03 - Trauma Center Criteria

Definition

Physiologic and Anatomic Field Trauma Triage Criteria (steps 1 and 2) as defined by the Centers for Disease Control.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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 <= 13

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/mmwr/pdf/rr/rr6101.pdf](http://www.cdc.gov/mmwr/pdf/rr/rr6101.pdf)

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

Definition

Mechanism and Special Considerations Field Trauma Triage Criteria (steps 3 and 4) as defined by the Centers for Disease Control.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | Yes |  | Pertinent Negatives (PN) | No |
| 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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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 automobile

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

2904017 SBP < 110 for age > 65

2904019 Anticoagulants and Bleeding Disorders 2904021 Pregnancy > 20 weeks

2904023 EMS Provider Judgment 2904025 Burn, without other trauma 2904027 Burn, with trauma mechanism

Data Element Comment

Assesses mechanism of injury and evidence of high-energy impact (Step 3) AND Assess special patient or system

considerations (Step 4) based on CDC 2011 Guidelines for the Field Triage of Injured Patients Step 3 and 4. Website: <http://www.cdc.gov/mmwr/pdf/rr/rr6101.pdf>

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/](http://www.cdc.gov/FieldTriage/)

eInjury.05 - Main Area of the Vehicle Impacted by the Collision

Definition

The area or location of initial impact on the vehicle based on 12-point clock diagram.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E10\_05 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

integer

minInclusive

1

maxInclusive

12

###### 

Data Element Comment

The front of the vehicle is 12, passenger (right) side is 3, rear is 6, etc.

Based on MMUCC via areas(s) of impact & FARS coding manual clock diagram.

eInjury.06 - Location of Patient in Vehicle

Definition

The seat row location of the vehicle at the time of the crash with the front seat numbered as 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E10\_06 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Code List

Code Description

2906001 Front Seat-Left Side (or motorcycle driver) 2906003 Front Seat-Middle

2906005 Front Seat-Right Side

2906007 Passenger in other enclosed passenger or cargo area (non-trailing unit such as a bus, etc.) 2906009 Passenger in unenclosed passenger or cargo area (non-trailing unit such as a pickup, etc.) 2906011 Riding on Vehicle Exterior (non-trailing unit)

2906013 Second Seat-Left Side (or motorcycle passenger) 2906015 Second Seat-Middle

2906017 Second Seat-Right Side 2906019 Sleeper Section of Cab (truck)

2906021 Third Row-Left Side (or motorcycle passenger) 2906023 Third Row-Middle

2906025 Third Row-Right Side 2906027 Trailing Unit

2906029 Unknown

Data Element Comment

MMUCC P6 data element

eInjury.07 - Use of Occupant Safety Equipment

Definition

Safety equipment in use by the patient at the time of the injury

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E10\_08 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

**Code Description** 2907001 Child Booster Seat 2907003 Eye Protection

2907005 Helmet Worn

2907007 Infant Car Seat Forward Facing 2907009 Infant Car Seat Rear Facing 2907015 None

2907017 Other

2907019 Personal Floatation Device 2907021 Protective Clothing

2907023 Protective Non-Clothing Gear 2907027 Shoulder and Lap Belt Used 2907029 Lap Belt Only Used

2907031 Shoulder Belt Only Used

Data Element Comment

MMUCC P7 data element used as baseline information. Data element expanded for added definition in non-vehicular settings.

eInjury.08 - Airbag Deployment

Definition

Indication of Airbag Deployment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E10\_09 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

2908001 Airbag Deployed Front 2908003 Airbag Deployed Side

2908005 Airbag Deployed Other (knee, air belt, etc.) 2908007 No Airbag Deployed

2908009 No Airbag Present

Data Element Comment

MMUCC P8 data element baseline was used for this element.

eInjury.09 - Height of Fall (feet)

Definition

The distance in feet the patient fell, measured from the lowest point of the patient to the ground

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E10\_10 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

integer

minInclusive

0

maxInclusive

10000

###### 

Data Element Comment

Classify same level falls as 0 feet

eInjury.10 - OSHA Personal Protective Equipment Used

###### 

Definition

Documentation of the use of OSHA required protective equipment used by the patient at the time of injury.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

2910001 Eye and Face Protection 2910003 Foot Protection

2910005 Head Protection

2910007 Hearing Protection

2910009 Respiratory Protection

2910011 Safety Belts, lifelines, and lanyards 2910013 Safety Nets

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document personal protection equipment used by the patient associated with an injury.

eInjury.11 - ACN System/Company Providing ACN Data

###### 

Definition

The agency providing the Automated Collision Notification (ACN) Data.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

30

###### 

Data Element Comment

Based on Vehicular Emergency Data Set: Provider Name. Vehicular Emergency Data Set (VEDS) Recommendations.

Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN) Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.12 - ACN Incident ID

###### 

Definition

The Automated Collision Notification Incident ID.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

Based on Vehicular Emergency Data Set: Incident ID. Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0

Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.13 - ACN Call Back Phone Number

###### 

Definition

The Automated Collision Notification Call Back Phone Number (US Only).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**PhoneNumberType**

9913001 - Fax

9913007 - Pager

minLength: 0

9913003 - Home

9913009 - Work

**maxLength:** 255

9913005 - Mobile

###### 

Constraints

Pattern

[2-9][0-9][0-9]-[2-9][0-9][0-9]-[0-9][0-9][0-9][0-9]

Data Element Comment

Based on Vehicular Emergency Data Set: Call Back Number. Vehicular Emergency Data Set (VEDS) Recommendations.

Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.14 - Date/Time of ACN Incident

###### 

Definition

The Automated Collision Notification Incident Date and Time.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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

Based on Vehicular Emergency Data Set: Incident Date and Time. Vehicular Emergency Data Set (VEDS) Recommendations.

Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

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 incorporate advanced automated collision notification information.

eInjury.15 - ACN Incident Location

###### 

Definition

The Automated Collision Notification GPS Location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

(\+|-)?(90(\.[0]{1,6})?|([1-8][0-9]|[0-9])(\.[0-9]{1,6})?),(\+|-)?(180(\.[0]{1,6})?|(1[0-7][0-9]|[1-9][0-9]|[0-9])(\.[0-9]{1,6})?)

Data Element Comment

Based on Vehicular Emergency Data Set: Location (combining Latitude and Longitude). Vehicular Emergency Data Set

(VEDS) Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group. The pattern for GPS location is in the format "*latitude*,*longitude*" where:

* *latitude* has a minimum of -90 and a maximum of 90 with up to 6 decimal places
* *longitude* has a minimum of -180 and a maximum of 180 with up to 6 decimal places

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.16 - ACN Incident Vehicle Body Type

###### 

Definition

The Automated Collision Notification Vehicle Body Type.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

Based on Vehicular Emergency Data Set: Body Type. Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0

Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.17 - ACN Incident Vehicle Manufacturer

###### 

Definition

The Automated Collision Notification Vehicle Manufacturer (e.g., General Motors, Ford, BMW, etc.).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

Based on Vehicular Emergency Data Set: Manufacturer. Vehicular Emergency Data Set (VEDS) Recommendations. Version

3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.18 - ACN Incident Vehicle Make

###### 

Definition

The Automated Collision Notification Vehicle Make (e.g., Cadillac, Ford, BMW, etc.).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

Based on Vehicular Emergency Data Set: Make. Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0

Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.19 - ACN Incident Vehicle Model

###### 

Definition

The Automated Collision Notification Vehicle Model (e.g., Escalade, Taurus, X6M, etc.).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

100

###### 

Data Element Comment

Based on Vehicular Emergency Data Set: Model. Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0

Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.20 - ACN Incident Vehicle Model Year

###### 

Definition

The Automated Collision Notification Vehicle Model Year (e.g., 2010).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

integer

minInclusive

1900

maxInclusive

2050

###### 

Data Element Comment

Based on Vehicular Emergency Data Set: Year. Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0

Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.21 - ACN Incident Multiple Impacts

###### 

Definition

The Automated Collision Notification Indication of Multiple Impacts associated with the collision.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

Based on Vehicular Emergency Data Set: Multiple Impacts. Vehicular Emergency Data Set (VEDS) Recommendations.

Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.22 - ACN Incident Delta Velocity

###### 

Definition

The Automated Collision Notification Delta Velocity (Delta V) force associated with the crash.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

DeltaVelocityOrdinal Data Type: integer

**CorrelationID Data Type:** string

**VelocityUnit**

**minInclusive:** 1

**minLength:** 0

**maxLength:** 255

9921001 - Kilometers per Hour 9921003 - Miles per Hour

###### 

Constraints

Data Type

integer

minInclusive

0

maxInclusive

999

###### 

Data Element Comment

Based on Vehicular Emergency Data Set: Delta Velocity. The force of impact based on the change in velocity over the

duration of the crash pulse. Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.23 - ACN High Probability of Injury

###### 

Definition

The Automated Collision Notification of the High Probability of Injury.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Trauma

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.24 - ACN Incident PDOF

###### 

Definition

The Automated Collision Notification Principal Direction of Force (PDOF).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

integer

minInclusive

1

maxInclusive

12

###### 

Data Element Comment

Based on Vehicular Emergency Data Set: PDOF. Principal direction of the force of the impact to nearest o'clock reading.

Values are 1 through 12 (e.g., 12=Frontal collision, 3=passenger side (right) collision, etc.). Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN) Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.25 - ACN Incident Rollover

###### 

Definition

The Automated Collision Notification Indication that the Vehicle Rolled Over.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

Y Yes

N No

Data Element Comment

Based on Vehicular Emergency Data Set: Rollover. Indicates if the vehicle rolled over during the collision/event (e.g.,

True=Rollover, False=No Rollover). Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN) Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.26 - ACN Vehicle Seat Location

###### 

Definition

The Automated Collision Notification Indication of the Occupant(s) Seat Location(s) within the vehicle.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

2926001 Driver Front Seat 2926003 Front Row Middle Seat 2926005 Passenger Front Seat 2926007 Second Row Left Seat 2926009 Second Row Middle Seat 2926011 Second Row Right Seat 2926013 Third Row Left Seat 2926015 Third Row Middle Seat 2926017 Third Row Right Seat

Data Element Comment

Based on Vehicular Emergency Data Set: Seat - Multiple entry for each seats data. Indicates seatbelt and seat sensor data

for individual seat position in the vehicle. These elements come from passenger vehicle. Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.27 - Seat Occupied

###### 

Definition

Indication if seat is occupied based on seat sensor data.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

Y Yes

N No

Data Element Comment

Based on Vehicular Emergency Data Set: Occupied - Associated with each seat. Vehicular Emergency Data Set (VEDS)

Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.28 - ACN Incident Seatbelt Use

###### 

Definition

The Automated Collision Notification Indication of Seatbelt use by the occupant(s).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

Y Yes

N No

Data Element Comment

Based on Vehicular Emergency Data Set: Belt Fastened - Associated with each Seat. Vehicular Emergency Data Set (VEDS)

Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

eInjury.29 - ACN Incident Airbag Deployed

###### 

Definition

The Automated Collision Notification Indication of Airbag Deployment.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

Y Yes

N No

Data Element Comment

Based on Vehicular Emergency Data Set: Deployed - Associated with each seat. Indicates if airbag is deployed. Vehicular

Emergency Data Set (VEDS) Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

# 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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 | C |
|  |  |  |  |  |  |  |
| 1 : M | eArrest.04 - Arrest Witnessed By | N | S | R | N, L | C |
|  |  |  |  |  |  |  |
| 1 : 1 | eArrest.05 - CPR Care Provided Prior to EMS Arrival | N | S | R | N, L |  |
|  |  |  |  |  |  |  |
| 0 : M | eArrest.06 - Who Provided CPR Prior to EMS Arrival | S | O | C |  |  |
|  |  |  |  |  |  |  |
| 1 : 1 | eArrest.07 - AED Use Prior to EMS Arrival | N | S | R | N, L |  |
|  |  |  |  |  |  |  |
| 0 : M | eArrest.08 - Who Used AED Prior to EMS Arrival | S | O | C |  |  |
|  |  |  |  |  |  |  |
| 1 : M | eArrest.09 - Type of CPR Provided | N | S | R | N, L | C |
|  |  |  |  |  |  |  |
| 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 | C |
| 0 : 1 | eArrest.13 - Neurological Outcome at Hospital Discharge | O |  |  |  |  |
|  |  |  |  |  |  |  |
| 1 : 1 | eArrest.14 - Date/Time of Cardiac Arrest | N | S | R | N, L |  |
|  |  |  |  |  |  |  |
| 0 : 1 | eArrest.15 - Date/Time Resuscitation Discontinued | S | E | 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 | C |
|  |  |  |  |  |  |  |
| 1 : 1 | eArrest.18 - End of EMS Cardiac Arrest Event | N | S | R | N, L |  |
|  |  |  |  |  |  |  |
| 0 : 1 | eArrest.19 - Date/Time of Initial CPR | O |  |  |  |  |

#### eArrest

eArrest

Indication of the presence of a cardiac arrest at any time during this EMS event.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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.

If this EMS event is for an interfacility transfer of a patient with a recent history of a cardiac arrest with ROSC, and who does not experience another cardiac arrest during transport, then do not document Cardiac Arrest (eArrest.01) with "Yes, Prior to EMS Arrival".

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

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>

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

eArrest.06 - Who Provided CPR Prior to EMS Arrival

Definition

Documentation of who performed CPR prior to this EMS unit's arrival.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Cardiac Arrest

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

3006001 Family Member

3006003 First Responder (Fire, Law, EMS) 3006005 Healthcare Professional (Non-EMS) 3006007 Lay Person (Non-Family)

3006009 Other EMS Professional (not part of dispatched response)

Data Element Comment

Associated with eArrest.05 (CPR Care Provided Prior to EMS Arrival) but only required if CPR was provided prior to EMS

arrival.

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

eArrest.08 - Who Used AED Prior to EMS Arrival

Definition

Documentation of who used the AED prior to this EMS unit's arrival.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Cardiac Arrest

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

3008001 Family Member

3008003 First Responder (Fire, Law, EMS) 3008005 Healthcare Professional (Non-EMS) 3008007 Lay Person (Non-Family)

3008009 Other EMS Professional (not part of dispatched response)

Data Element Comment

Associated with eArrest.07 (AED Use Prior to EMS Arrival).

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

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.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

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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 arrest and transported to a healthcare facility to show the change in patient condition, if any.

Any ROSC is defined as any brief (approximately >30 seconds) restoration of spontaneous circulation that provides evidence of more than an occasional gasp, occasional fleeting palpable pulse, or arterial waveform.

eArrest.13 - Neurological Outcome at Hospital Discharge

###### 

Definition

The level of cerebral performance of the patient at the time of discharge from the Hospital

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E11\_07 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

Code List

Code Description

3013001 CPC 1 Good Cerebral Performance

3013003 CPC 2 Moderate Cerebral Disability

3013005 CPC 3 Severe Cerebral Disability 3013007 CPC 4 Coma or Vegetative State

Data Element Comment

1 = Good Cerebral Performance: Conscious, Alert, able to work and lead a normal life.

2 = Moderate Cerebral Disability: Conscious and able to function independently (dress, travel, prepare food) may have hemiplegia, seizures, or permanent memory or mental changes.

3 = Severe Cerebral Disability: Conscious, dependent on others for daily support, functions only in an institution or at home with exceptional family effort.

4 = Coma or vegetative state: any degree of coma without the presence of all brain death criteria. Unawareness, even if appears awake (vegetative state) without interaction with environment; may have spontaneous eye opening and sleep/awake cycles. Cerebral unresponsiveness.

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.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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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

eArrest.15 - Date/Time Resuscitation Discontinued

Definition

The date/time resuscitation was discontinued.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E11\_09 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Cardiac Arrest

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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

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.

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

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 3018007 ROSC in the Field

3018009 ROSC in the ED

3018011 Ongoing Resuscitation by Other EMS

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>

Version 3 Changes Implemented

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

eArrest.19 - Date/Time of Initial CPR

###### 

Definition

The initial date and time that CPR was started by anyone.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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

**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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eHistory.19 - Last Oral Intake | O |

eHistory

1 : M

eHistory.01 - Barriers to Patient Care

N

S

R

N, L

C

eHistory.PractitionerGroup

C

0 : M

eHistory.05 - Advance Directives

S

E

N, L

C

0 : M

eHistory.06 - Medication Allergies

S

E

N, L, P

C

eHistory.07 - Environmental/Food Allergies

O

C

0 : M

eHistory.08 - Medical/Surgical History

S

E

N, L, P

C

eHistory.09 - Medical History Obtained From

O

C

eHistory.ImmunizationsGroup

C

eHistory.10 - The Patient's Type of Immunization

O

eHistory.11 - Immunization Year

O

eHistory.CurrentMedsGroup

C

eHistory.12 - Current Medications

S

E

N, L, P

eHistory.13 - Current Medication Dose

O

eHistory.14 - Current Medication Dosage Unit

O

eHistory.15 - Current Medication Administration Route

O

1 : M

eHistory.17 - Alcohol/Drug Use Indicators

N

S

R

N, L, P

C

eHistory.18 - Pregnancy

O

L, P

0 : M

0 : 1

O

0 : 1

O

0 : 1

O

0 : M

0 : M

0 : M

0 : 1

0 : 1

0 : M

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

O

0 : 1

eHistory.02 - Last Name of Patient's Practitioner

eHistory.03 - First Name of Patient's Practitioner

eHistory.04 - Middle Name/Initial of Patient's Practitioner

eHistory.16 - Presence of Emergency Information Form

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

3101031 State of Emotional Distress

Data Element Comment

eHistory.02 - Last Name of Patient's Practitioner

###### 

Definition

The last name of the patient's practitioner

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_06 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

60

###### 

Data Element Comment

eHistory.03 - First Name of Patient's Practitioner

###### 

Definition

The first name of the patient's practitioner

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

eHistory.04 - Middle Name/Initial of Patient's Practitioner

###### 

Definition

The middle name or initial of the patient's practitioner.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_05 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

eHistory.05 - Advance Directives

Definition

The presence of a valid DNR form, living will, or document directing end of life or healthcare treatment decisions.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E12\_07 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

Code Description

3105001 Family/Guardian request DNR (but no documentation) 3105003 Living Will

3105005 None

3105007 Other

3105009 Other Healthcare Advanced Directive Form 3105011 State EMS DNR or Medical Order Form

Data Element Comment

Advanced Directive and Do Not Resuscitate are both included in this data element.

eHistory.06 - Medication Allergies

Definition

The patient's medication allergies

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E12\_08 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

**Pertinent Negatives (PN)** 8801013 - No Known Drug Allergy 8801021 - Unresponsive

CorrelationID

7701003 - Not Recorded 8801019 - Refused

7701005 - Not Reporting 8801023 - Unable to Complete

**Data Type:** string

CodeType

9924001 - ICD10

minLength: 0

9924003 - RxNorm

**maxLength:** 255

###### 

Constraints

Pattern

(Z88\.[0-9])|([a-zA-Z0-9]{2,7})

Data Element Comment

The list of medication allergies is based on RxNorm (RXCUI) Codes. In addition, a specific list of ICD-10 CM codes can be

used for medication groups.

[Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html](http://nemsis.org/v3/resources.html) Code list is represented in two separate UMLS datasets:

1. ICD-10 Codes.
2. RxNorm

[Website - http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

[Website - http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html](http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html) Product - RxNorm Full Monthly Release

eHistory.07 - Environmental/Food Allergies

###### 

Definition

The patient's known allergies to food or environmental agents.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_09 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Constraints

Data Type

integer

maxInclusive

999999999999999

minInclusive

100000

###### 

Data Element Comment

Data Element Comment Section:

[Code list is represented in SNOMEDCT. Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html](http://nemsis.org/v3/resources.html)

SNOMEDCT

[Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed\_main.html](http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html) Product: Product - UMLS Metathesaurus

##### State

eHistory.08 - Medical/Surgical History

Definition

The patient's pre-existing medical and surgery history of the patient

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E12\_10 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

**Pertinent Negatives (PN)** 8801015 - None Reported 8801021 - Unresponsive

CorrelationID Data Type: string

7701003 - Not Recorded 8801019 - Refused

minLength: 0

7701005 - Not Reporting 8801023 - Unable to Complete

**maxLength:** 255

###### 

Constraints

Pattern

([A-QRSTZ][0-9][0-9A-Z])((\.[0-9A-Z]{1,3})?)|[0-9A-HJ-NP-Z]{3,7}

Data Element Comment

The Medical/Surgical History pattern has been extended to include ICD-10-CM: Diagnosis Codes and ICD-10-PCS: Procedural

Health Intervention Codes.

ICD-10-CM: Diagnosis Codes. Website - [http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

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

ICD-10-PCS has a seven character alphanumeric code structure. Each character contains up to 34 possible values. Each value represents a specific option for the general character definition (e.g., stomach is one of the values for the body part character).

The ten digits 0-9 and the 24 letters A-H,J-N and P-Z may be used in each character. The letters O and I are not used in order to avoid confusion with the digits 0 and 1. There are no decimals in ICD-10-PCS.

Website - [http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

eHistory.09 - Medical History Obtained From

###### 

Definition

Type of person medical history obtained from

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_11 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

3109001 Bystander/Other

3109003 Family

3109005 Health Care Personnel 3109007 Patient

Data Element Comment

eHistory.10 - The Patient's Type of Immunization

###### 

Definition

The immunization type of the patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_12 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9910001 Anthrax

9910003 Cholera

9910005 DPT / TDaP (Diphtheria, Pertussis, Tetanus) 9910007 Hemophilus Influenza B

9910009 Hepatitis A

9910011 Hepatitis B

9910013 Human Papilloma Virus (HPV) 9910015 Influenza-H1N1

9910017 Influenza-Other

9910019 Influenza-Seasonal (In past 12 months)

9910021 Lyme Disease

9910023 Meningococcus

9910025 MMR (Measles, Mumps, Rubella) 9910027 Other-Not Listed

9910029 Plague

9910031 Pneumococcal (Pneumonia)

9910033 Polio

9910035 Rabies

9910037 Rotavirus

9910039 Shingles

9910041 Small Pox

9910043 Tetanus

9910045 Tuberculosis

9910047 Typhoid

9910049 Varicella (Chickenpox)

9910051 Yellow Fever

Data Element Comment

eHistory.11 - Immunization Year

###### 

Definition

The year associated with each immunization type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_13 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

integer

minInclusive

1900

maxInclusive

2050

###### 

Data Element Comment

##### State

eHistory.12 - Current Medications

Definition

The medications the patient currently takes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E12\_14 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

|  |  |  |
| --- | --- | --- |
| Attributes |  | |
| **NOT Values (NV)**  7701001 - Not Applicable | 7701003 - Not Recorded | 7701005 - Not Reporting |
| **Pertinent Negatives (PN)**  8801015 - None Reported | 8801019 - Refused | 8801021 - Unresponsive |
| 8801023 - Unable to Complete |  |  |
| Constraints |  |  |
| **Data Type minLength**  string 2 | **maxLength**  7 |  |

Data Element Comment

List of medications based on RxNorm (RXCUI) code.

[Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html](http://nemsis.org/v3/resources.html) RxNorm

[Website - http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/)

Product - UMLS Metathesaurus

[Website - http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html](http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html) Product - RxNorm Full Monthly Release

eHistory.13 - Current Medication Dose

###### 

Definition

The numeric dose or amount of the patient's current medication

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_15 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

decimal

totalDigits

9

fractionDigits

3

###### 

Data Element Comment

Associated with eHistory.12 (Current Medications)

eHistory.14 - Current Medication Dosage Unit

###### 

Definition

The dosage unit of the patient's current medication

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_16 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

3114001 Centimeters (cm)

3114003 Grams (gms)

3114005 Drops (gtts)

3114007 Inches (in)

3114009 International Units (IU) 3114011 Keep Vein Open (kvo) 3114013 Liters Per Minute (l/min [fluid]) 3114015 Liters (l)

3114017 Liters Per Minute (LPM [gas]) 3114019 Micrograms (mcg)

3114021 Micrograms per Kilogram per Minute (mcg/kg/min) 3114023 Micrograms per Minute (mcg/min)

3114025 Milliequivalents (mEq) 3114027 Metered Dose (MDI) 3114029 Milligrams (mg)

3114031 Milligrams per Kilogram (mg/kg)

3114033 Milligrams per Kilogram Per Minute (mg/kg/min) 3114035 Milligrams per Minute (mg/min)

3114037 Milliliters (ml)

3114039 Milliliters per Hour (ml/hr) 3114041 Other

3114043 Puffs

3114045 Units per Hour (units/hr)

3114047 Micrograms per Kilogram (mcg/kg) 3114049 Units

3114051 Units per Kilogram per Hour (units/kg/hr) 3114053 Units per Kilogram (units/kg)

Data Element Comment

eHistory.15 - Current Medication Administration Route

###### 

Definition

The administration route (po, SQ, etc.) of the patient's current medication

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_17 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9927001 Blow-By

9927003 Buccal

9927005 Endotracheal Tube (ET) 9927007 Gastrostomy Tube

9927009 Inhalation

9927011 Intraarterial

9927013 Intradermal

9927015 Intramuscular (IM)

9927017 Intranasal

9927019 Intraocular

9927021 Intraosseous (IO)

9927023 Intravenous (IV)

9927025 Nasal Cannula

9927027 Nasogastric

9927029 Nasotracheal Tube

9927031 Non-Rebreather Mask

9927033 Ophthalmic

9927035 Oral

9927037 Other/miscellaneous

9927039 Otic

9927041 Re-breather mask

9927043 Rectal

9927045 Subcutaneous

9927047 Sublingual

9927049 Topical

9927051 Tracheostomy

9927053 Transdermal

9927055 Urethral

9927057 Ventimask

9927059 Wound

9927061 Portacath

Data Element Comment

eHistory.16 - Presence of Emergency Information Form

###### 

Definition

Indication of the presence of the Emergency Information Form associated with patient's with special healthcare needs.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_18 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

###### 

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

Pertinent Negatives (PN)

8801015 - None Reported

CorrelationID Data Type: string

7701003 - Not Recorded 8801019 - Refused

minLength: 0

8801023 - Unable to Complete

**maxLength:** 255

###### 

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

eHistory.18 - Pregnancy

###### 

Definition

Indication of the possibility by the patient's history of current pregnancy.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E12\_20 |  | Is Nillable | Yes |
| Usage | Optional |  | Recurrence | 0 : 1 |

Attributes

Pertinent Negatives (PN)

8801019 - Refused

8801023 - Unable to Complete

###### 

Code List

Code Description

3118001 No

3118003 Possible, Unconfirmed

3118005 Yes, Confirmed 12 to 20 Weeks 3118007 Yes, Confirmed Greater Than 20 Weeks 3118009 Yes, Confirmed Less Than 12 Weeks 3118011 Yes, Weeks Unknown

Data Element Comment

eHistory.19 - Last Oral Intake

###### 

Definition

Date and Time of last oral intake.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 last oral intake.

# eNarrative

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | | | |
| 0 : 1 | eNarrative.01 - Patient Care Report Narrative | S | E | N, L |

#### eNarrative



eNarrative

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

NEMSIS Version 3.4.0.160713CP2

eNarrative.01

##### State

eNarrative.01 - Patient Care Report Narrative

Definition

The narrative of the patient care report (PCR).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E13\_01 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

1

maxLength

10000

###### 

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

eVitals

1 : M

eVitals.VitalGroup C

1 : 1

1 : 1

1 : 1

eVitals.01 - Date/Time Vital Signs Taken eVitals.02 - Obtained Prior to this Unit's EMS Care eVitals.CardiacRhythmGroup

N S R

N S R

N, L

N, L C

1 : M

1 : 1

eVitals.03 - Cardiac Rhythm / Electrocardiography (ECG) eVitals.04 - ECG Type

N S R

N S R

N, L, P C N, L

1 : M

eVitals.05 - Method of ECG Interpretation

N S R

N, L C

1 : 1

eVitals.BloodPressureGroup

1 : 1

eVitals.06 - SBP (Systolic Blood Pressure)

N S R

N, L, P

0 : 1

eVitals.07 - DBP (Diastolic Blood Pressure)

S E N, L, P

1 : 1

0 : 1

eVitals.08 - Method of Blood Pressure Measurement

N S R O

eVitals.09 - Mean Arterial Pressure

N, L

1 : 1

eVitals.HeartRateGroup

1 : 1

0 : 1

eVitals.10 - Heart Rate

N S R O

eVitals.11 - Method of Heart Rate Measurement

N, L, P

1 : 1

0 : 1

1 : 1

0 : 1

1 : 1

eVitals.12 - Pulse Oximetry

eVitals.14 - Respiratory Rate

eVitals.13 - Pulse Rhythm

eVitals.15 - Respiratory Effort

eVitals.16 - End Tidal Carbon Dioxide (ETCO2)

N S R O

N S R O

N S R

N, L, P

N, L, P

N, L, P

0 : 1

eVitals.17 - Carbon Monoxide (CO)

S E N, L, P

1 : 1

1 : 1

eVitals.18 - Blood Glucose Level eVitals.GlasgowScoreGroup

N S R

N, L, P

1 : 1

1 : 1

1 : 1

eVitals.19 - Glasgow Coma Score-Eye eVitals.20 - Glasgow Coma Score-Verbal eVitals.21 - Glasgow Coma Score-Motor

N S R

N S R

N S R

N, L, P

N, L, P

N, L, P

1 : M

eVitals.22 - Glasgow Coma Score-Qualifier

N S R

N, L C

0 : 1

eVitals.23 - Total Glasgow Coma Score

S E N, L, P

0 : 1

eVitals.TemperatureGroup

0 : 1

0 : 1

eVitals.24 - Temperature eVitals.25 - Temperature Method

S E N, L, P O

1 : 1

eVitals.26 - Level of Responsiveness (AVPU)

N S R

N, L

|  |  |  |  |
| --- | --- | --- | --- |
| 0 : 1 | eVitals.33 - Revised Trauma Score | O | L, P |

#### eVitals

eVitals.27 - Pain Scale Score

N

S

R

N, L, P

eVitals.28 - Pain Scale Type

S

E

N, L

eVitals.StrokeScaleGroup

eVitals.29 - Stroke Scale Score

N

S

R

N, L, P

eVitals.30 - Stroke Scale Type

N

S

R

N, L

eVitals.31 - Reperfusion Checklist

N

S

R

N, L, P

eVitals.32 - APGAR

O

L, P

1 : 1 eVitals.PainScaleGroup

1 : 1

0 : 1

1 : 1

1 : 1

1 : 1

1 : 1

0 : 1

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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

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.

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

Pertinent Negatives (PN)

8801019 - Refused

CorrelationID Data Type: string

7701003 - Not Recorded 8801023 - Unable to Complete

minLength: 0

**maxLength:** 255

###### 

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

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

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 (AED, Not Listed)

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document ECG results.

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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.

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

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

Constraints

7701003 - Not Recorded 8801019 - Refused

8801023 - Unable to Complete

Data Type

integer

minInclusive

0

maxInclusive

500

###### 

Data Element Comment

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

##### State

eVitals.07 - DBP (Diastolic Blood Pressure)

Definition

The patient's diastolic blood pressure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E14\_05 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

|  |  |  |
| --- | --- | --- |
| Attributes |  | |
| **NOT Values (NV)**  7701001 - Not Applicable | 7701003 - Not Recorded | 7701005 - Not Reporting |
| **Pertinent Negatives (PN)**  8801005 - Exam Finding Not Present | 8801019 - Refused | 8801023 - Unable to Complete |
| Constraints |  |  |
| **Pattern**  [5][0][0]|[1-4][0-9][0-9]|[0]|[1-9][0-9]|P|p |  |  |
| Data Element Comment |  |  |

Diastolic blood pressure pattern allows for the following values:

1. A number 0 through 500
2. P
3. p

###### 

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

eVitals.09 - Mean Arterial Pressure

###### 

Definition

The patient's mean arterial pressure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

integer

minInclusive

1

maxInclusive

500

###### 

Data Element Comment

Version 3 Changes Implemented

Added for additional patient monitoring capability.

###### 

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

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

Constraints

7701003 - Not Recorded 8801019 - Refused

8801023 - Unable to Complete

Data Type

integer

minInclusive

0

maxInclusive

500

###### 

Data Element Comment

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

Measurement.

eVitals.11 - Method of Heart Rate Measurement

###### 

Definition

The method in which the Heart Rate was measured. Values include auscultated, palpated, electronic monitor.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

3311001 Auscultated

3311003 Doppler

3311005 Electronic Monitor - Cardiac 3311007 Electronic Monitor - Pulse Oximeter 3311009 Electronic Monitor (Other)

3311011 Palpated

Data Element Comment

This data element was added when Pulse Rate and Electronic Monitor Rate were merged as EVitals.10.

###### 

Version 3 Changes Implemented

This data element was added when Pulse Rate and Electronic Monitor Rate were merged as EVitals.10.

###### 

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

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

Constraints

7701003 - Not Recorded 8801019 - Refused

8801023 - Unable to Complete

Data Type

integer

minInclusive

0

maxInclusive

100

###### 

Data Element Comment

eVitals.13 - Pulse Rhythm

###### 

Definition

The clinical rhythm of the patient's pulse.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E14\_10 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

3313001 Irregularly Irregular

3313003 Regular

3313005 Regularly Irregular

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

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

Constraints

7701003 - Not Recorded 8801019 - Refused

8801023 - Unable to Complete

Data Type

integer

minInclusive

0

maxInclusive

300

###### 

Data Element Comment

eVitals.15 - Respiratory Effort

###### 

Definition

The patient's respiratory effort.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E14\_12 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

3315001 Apneic

3315003 Labored

3315005 Mechanically Assisted (BVM, CPAP, etc.) 3315007 Normal

3315009 Rapid

3315011 Shallow

3315013 Weak/Agonal

Data Element Comment

###### 

State

National

eVitals.16 - End Tidal Carbon Dioxide (ETCO2)

Definition

The numeric value of the patient's exhaled end tidal carbon dioxide (ETCO2) level measured as a unit of pressure in millimeters of mercury (mmHg).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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

Pertinent Negatives (PN)

8801019 - Refused

Constraints

7701003 - Not Recorded 8801023 - Unable to Complete

Data Type

integer

minInclusive

0

maxInclusive

200

###### 

Data Element Comment

##### State

eVitals.17 - Carbon Monoxide (CO)

Definition

The numeric value of the patient's carbon monoxide level measured as a percentage (%) of carboxyhemoglobin (COHb).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

|  |  |  |
| --- | --- | --- |
| Attributes |  | |
| **NOT Values (NV)**  7701001 - Not Applicable | 7701003 - Not Recorded | 7701005 - Not Reporting |
| **Pertinent Negatives (PN)**  8801019 - Refused | 8801023 - Unable to Complete |  |
| Constraints |  |  |
| **Data Type minInclusive** | **maxInclusive** | **totalDigits fractionDigits** |
| decimal 0 | 100 | 3 1 |

Data Element Comment

###### 

Version 3 Changes Implemented

Added to allow use of new patient monitoring devices.

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

Pertinent Negatives (PN)

8801019 - Refused

Constraints

7701003 - Not Recorded 8801023 - Unable to Complete

Data Type

integer

minInclusive

0

maxInclusive

2000

###### 

Data Element Comment

For glucometers with "High" and "Low" readings, report "600" for "High" and "20" for "Low".

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

Pertinent Negatives (PN)

8801019 - Refused

Code List

7701003 - Not Recorded 8801023 - Unable to Complete

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).

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

Pertinent Negatives (PN)

8801019 - Refused

Code List

7701003 - Not Recorded 8801023 - Unable to Complete

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).

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

Pertinent Negatives (PN)

8801019 - Refused

Code List

7701003 - Not Recorded 8801023 - Unable to Complete

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).

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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).

eVitals.23 - Total Glasgow Coma Score

Definition

The patient's total Glasgow Coma Score.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E14\_19 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

Pertinent Negatives (PN)

8801019 - Refused

Constraints

7701003 - Not Recorded 8801023 - Unable to Complete

7701005 - Not Reporting

Data Type

integer

minInclusive

3

maxInclusive

15

###### 

Data Element Comment

Can be documented or calculated from EVitals.19 (GCS-Eye), EVitals.20 (GCS-Verbal), and EVitals.21 (GCS-Motor).

eVitals.24 - Temperature

Definition

The patient's body temperature in degrees Celsius/centigrade.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E14\_20 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

|  |  |  |
| --- | --- | --- |
| Associated Performance Measure Initiatives | | |
| Pediatric |  |  |
| Attributes |  |  |
| **NOT Values (NV)**  7701001 - Not Applicable | 7701003 - Not Recorded | 7701005 - Not Reporting |
| **Pertinent Negatives (PN)**  8801019 - Refused | 8801023 - Unable to Complete |  |
| Constraints |  |  |
| **Data Type totalDigits** | **fractionDigits** | **minInclusive maxInclusive** |
| decimal 3 | 1 | 0 50 |

Data Element Comment

eVitals.25 - Temperature Method

###### 

Definition

The method used to obtain the patient's body temperature.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E14\_21 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

3325001 Axillary

3325003 Central (Venous or Arterial) 3325005 Esophageal

3325007 Oral

3325009 Rectal

3325011 Temporal Artery

3325013 Tympanic

3325015 Urinary Catheter

3325017 Skin Probe

Data Element Comment

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.

eVitals.27 - Pain Scale 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

Pertinent Negatives (PN)

8801019 - Refused

Constraints

7701003 - Not Recorded 8801023 - Unable to Complete

Data Type

integer

minInclusive

0

maxInclusive

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

eVitals.28 - Pain Scale Type

Definition

The type of pain scale used.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

3328001 FLACC (Face, Legs, Activity, Cry, Consolability) 3328003 Numeric (0-10)

3328005 Other

3328007 Wong-Baker (FACES)

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document the patient's pain level.

eVitals.29 - Stroke Scale Score

Definition

The findings or results of the Stroke Scale Type (eVitals.30) used to assess the patient exhibiting stroke-like symptoms.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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

Pertinent Negatives (PN)

8801019 - Refused

Code List

7701003 - Not Recorded 8801023 - Unable to Complete

Code Description

3329001 Negative

3329003 Non-Conclusive

3329005 Positive

Data Element Comment

eVitals.30 - Stroke Scale Type

Definition

The type of stroke 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 3330013 F.A.S.T. Exam

Data Element Comment

###### 

Version 3 Changes Implemented

Added to include additional detail on the stroke scale used.

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

Pertinent Negatives (PN)

8801019 - Refused

Code List

7701003 - Not Recorded 8801023 - Unable to Complete

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

eVitals.32 - APGAR

###### 

Definition

The patient's total APGAR score (0-10).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E14\_26 |  | Is Nillable | Yes |
| Usage | Optional |  | Recurrence | 0 : 1 |

Attributes

Pertinent Negatives (PN)

8801023 - Unable to Complete

###### 

Constraints

Data Type

integer

minInclusive

0

maxInclusive

10

###### 

Data Element Comment

Recommended to be taken at 1 and 5 minutes after the infants birth

eVitals.33 - Revised Trauma Score

###### 

Definition

The patient's Revised Trauma Score.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E14\_27 |  | Is Nillable | Yes |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Trauma

###### 

Attributes

Pertinent Negatives (PN)

8801019 - Refused

8801023 - Unable to Complete

###### 

Constraints

Data Type

integer

minInclusive

0

maxInclusive

12

###### 

Data Element Comment

The Revised Trauma Score is a physiological scoring system that is based on the first set of vital signs obtained from the

patient, and consists of Glasgow Coma Scale, Systolic Blood Pressure and Respiratory Rate.

# eLabs



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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eLabs.08 - Imaging Study File or Waveform Graphic | O |

#### eLabs

eLabs.LabGroup

C

eLabs.LabResultGroup

C

eLabs.LabImageGroup

C

eLabs.WaveformGraphicGroup

C

0 : M

0 : 1

O

0 : 1

O

0 : M

0 : 1

O

0 : 1

O

0 : M

0 : 1

O

0 : 1

O

0 : M

0 : 1

O

eLabs.01 - Date/Time of Laboratory or Imaging Result

eLabs.02 - Study/Result Prior to this Unit's EMS Care

eLabs.03 - Laboratory Result Type

eLabs.04 - Laboratory Result

eLabs.05 - Imaging Study Type

eLabs.06 - Imaging Study Results

eLabs.07 - Imaging Study File or Waveform Graphic Type

eLabs

eLabs.01 - Date/Time of Laboratory or Imaging Result

###### 

Definition

The data and time for the specific laboratory result

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 patient care.

eLabs.02 - Study/Result Prior to this Unit's EMS Care

###### 

Definition

Indicates that the laboratory result occurred prior to this EMS units care.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document EMS care.

eLabs.03 - Laboratory Result Type

###### 

Definition

The type of the laboratory value.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

3403001 Alanine Transaminase

3403003 Alcohol-Blood

3403005 Alcohol-Breath

3403007 Alkaline Phosphatase

3403009 Amylase

3403013 Aspartate Transaminase 3403015 B-Type Natriuretic Peptide (BNP) 3403017 Base Excess

3403019 Bilirubin-Direct

3403021 Bilirubin-Total

3403023 BUN

3403025 Calcium-Ionized

3403027 Calcium-Serum

3403029 Carbon Dioxide-Partial Pressure 3403033 Chloride

3403035 Creatine Kinase

3403037 Creatine Kinase-MB

3403039 Creatinine

3403041 Gamma Glutamyl Transpeptidase 3403043 Glucose

3403045 Hematocrit

3403047 Hemoglobin

3403049 Human Chorionic Gonadotropin-Serum 3403051 Human Chorionic Gonadotropin-Urine 3403053 International Normalized Ratio (INR) 3403055 Lactate Dehydrogenase

3403057 Lactate-Arterial

3403059 Lactate-Venous

3403061 Lipase

3403063 Magnesium

3403065 Oxygen-Partial Pressure 3403067 Partial Thromboplastin Time 3403071 pH-ABG

3403073 pH-Venous

3403075 Platelets

3403077 Potassium

3403079 Prothrombin Time 3403081 Red Blood Cells 3403083 Sodium

3403085 Troponin 3403087 White Blood Cells 3403089 Ammonia

3403091 Bicarbonate (HCO3)

3403093 Carboxyhemoglobin 3403095 CO2, Total (Bicarbonate) 3403097 CRP (C-Reactive Protein) 3403099 Dilantin

3403101 Leukocytes

3403103 Nitrates

3403105 Phenobarbital

3403107 Protein

3403109 Salicylate

3403111 Specific Gravity

3403113 Tylenol

Data Element Comment

###### 

Version 3 Changes Implemented

Added to provide for the documentation of laboratory results obtained prior to or during and EMS patient encounter.

eLabs.04 - Laboratory Result

###### 

Definition

The value or result of the laboratory test (Units may vary).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

Version 3 Changes Implemented

Added to better document EMS care.

eLabs.05 - Imaging Study Type

###### 

Definition

The type of x-ray or imaging study.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

3405001 CAT Scan

3405003 Magnetic Resonance Imaging (MRI) 3405005 Other

3405007 PET Scan

3405009 Ultrasound

3405011 X-ray

3405013 Angiography

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better describe the EMS patient care.

eLabs.06 - Imaging Study Results

###### 

Definition

The description or interpretation of the results of the imaging study.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

3

maxLength

5000

###### 

Data Element Comment

Version 3 Changes Implemented

Added to better describe the EMS Patient Care

eLabs.07 - Imaging Study File or Waveform Graphic Type

###### 

Definition

The description of the image study file or waveform graphic stored in Imaging Study File or Waveform Graphic (eLabs.08).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

The description is defined as the extension of the file type. Examples of file name extensions include "doc", "jpeg", "tiff", etc.

For a list of additional extensions reference the following website(s): 3D Image formats: <http://www.fileinfo.com/filetypes/3d_image>

Raster Image formats: <http://www.fileinfo.com/filetypes/raster_image>

Vector Image formats: <http://www.fileinfo.com/filetypes/vector_image>

Video formats: <http://www.fileinfo.com/filetypes/video> Audio formats: <http://www.fileinfo.com/filetypes/audio>

Comparison of formats:

Image: <http://en.wikipedia.org/wiki/Comparison_of_image_file_formats> Audio: <http://en.wikipedia.org/wiki/Audio_file_format>

Container: <http://en.wikipedia.org/wiki/Comparison_of_container_formats>

A general list of image formats: <http://en.wikipedia.org/wiki/Image_file_formats> Mime Types: <http://en.wikipedia.org/wiki/Internet_media_type>

eLabs.08 - Imaging Study File or Waveform Graphic

###### 

Definition

The imaging study file.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

Constraints

Data Type

base64Binary

Data Element Comment

Added to allow the imaging file to be uploaded and better document patient care.

# eExam



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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 0 : 1 | eExam.21 - Stroke/CVA Symptoms Resolved | S | E | N, L, P |

#### eExam

eExam.01 - Estimated Body Weight in Kilograms

S

E

N, L, P

eExam.02 - Length Based Tape Measure

S

E

N, L, P

eExam.AssessmentGroup

C

eExam.03 - Date/Time of Assessment

O

0 : M

eExam.04 - Skin Assessment

O

P

C

0 : M

eExam.05 - Head Assessment

O

P

C

0 : M

eExam.06 - Face Assessment

O

P

C

0 : M

eExam.07 - Neck Assessment

O

P

C

0 : M

eExam.08 - Chest/Lungs Assessment

O

P

C

0 : M

eExam.09 - Heart Assessment

O

P

C

eExam.AbdomenGroup

C

eExam.10 - Abdominal Assessment Finding Location

O

0 : M

eExam.11 - Abdomen Assessment

O

P

C

0 : M

eExam.12 - Pelvis/Genitourinary Assessment

O

P

C

eExam.SpineGroup

C

eExam.13 - Back and Spine Assessment Finding Location

O

0 : M

eExam.14 - Back and Spine Assessment

O

P

C

eExam.ExtremityGroup

C

eExam.15 - Extremity Assessment Finding Location

O

0 : M

eExam.16 - Extremities Assessment

O

P

C

eExam.EyeGroup

C

eExam.17 - Eye Assessment Finding Location

O

0 : M

eExam.18 - Eye Assessment

O

P

C

0 : M

eExam.19 - Mental Status Assessment

O

P

C

0 : M

eExam.20 - Neurological Assessment

O

P

C

0 : 1

0 : 1

0 : M

0 : 1

0 : M

0 : 1

0 : M

0 : 1

0 : M

0 : 1

0 : M

0 : 1

eExam

eExam.01 - Estimated Body Weight in Kilograms

Definition

The patient's body weight in kilograms either measured or estimated

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E16\_01 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

|  |  |  |
| --- | --- | --- |
| Associated Performance Measure Initiatives | | |
| Pediatric |  |  |
| Attributes |  |  |
| **NOT Values (NV)**  7701001 - Not Applicable | 7701003 - Not Recorded | 7701005 - Not Reporting |
| **Pertinent Negatives (PN)**  8801023 - Unable to Complete |  |  |
| Constraints |  |  |
| **Data Type totalDigits** | **fractionDigits** | **minInclusive maxInclusive** |
| decimal 4 | 1 | 0.1 999.9 |

Data Element Comment

eExam.02 - Length Based Tape Measure

Definition

The length-based color as taken from the tape.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E16\_02 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Pediatric

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

Pertinent Negatives (PN)

8801019 - Refused

Code List

7701003 - Not Recorded 8801023 - Unable to Complete

7701005 - Not Reporting

Code Description

3502001 Blue

3502003 Green

3502005 Grey

3502007 Orange

3502009 Pink

3502011 Purple

3502013 Red

3502015 White

3502017 Yellow

Data Element Comment

eExam.03 - Date/Time of Assessment

###### 

Definition

The date/time of the assessment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_03 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Stroke Cardiac Arrest

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

eExam.04 - Skin Assessment

###### 

Definition

The assessment findings associated with the patient's skin.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3504001 Clammy

3504003 Cold

3504005 Cyanotic

3504007 Diaphoretic

3504009 Dry

3504011 Flushed

3504013 Hot

3504015 Jaundiced

3504017 Lividity

3504019 Mottled

3504021 Normal

3504023 Not Done

3504025 Pale

3504027 Poor Turgor

3504029 Red (Erythematous)

3504031 Tenting

3504033 Warm

3504035 Capillary Nail Bed Refill less than 2 seconds 3504037 Capillary Nail Bed Refill 2-4 seconds 3504039 Capillary Nail Bed Refill more than 4 seconds

Data Element Comment

Element eExam.04 - Skin Assessment represents Version 2.2.1 elements E15\_01 NHTSA Injury Matrix External/Skin and

E16\_04 Skin Assessment. The element value choices have been combined and expanded.

eExam.05 - Head Assessment

###### 

Definition

The assessment findings associated with the patient's head.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_05 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3505001 Abrasion

3505003 Avulsion

3505005 Bleeding Controlled

3505007 Bleeding Uncontrolled

3505009 Burn-Blistering

3505011 Burn-Charring

3505013 Burn-Redness

3505015 Burn-White/Waxy

3505017 Decapitation

3505019 Deformity

3505021 Drainage

3505023 Foreign Body

3505029 Laceration

3505031 Mass/Lesion

3505033 Normal

3505035 Not Done

3505037 Pain

3505039 Puncture/Stab Wound

3505045 Gunshot Wound

3505047 Crush Injury

3505049 Swelling

3505051 Contusion

3505053 Tenderness

Data Element Comment

Element eExam.05 - Head Assessment represents Version 2.2.1 elements E15\_02 NHTSA Injury Matrix Head and E16\_05

Head/Face Assessment. The element value choices have been combined and expanded.

eExam.06 - Face Assessment

###### 

Definition

The assessment findings associated with the patient's face.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3506001 Abrasion

3506003 Asymmetric Smile or Droop 3506005 Avulsion

3506007 Bleeding Controlled

3506009 Bleeding Uncontrolled

3506011 Burn-Blistering

3506013 Burn-Charring

3506015 Burn-Redness

3506017 Burn-White/Waxy

3506021 Deformity

3506023 Drainage

3506025 Foreign Body

3506031 Laceration

3506033 Mass/Lesion

3506035 Normal

3506037 Not Done

3506039 Pain

3506041 Puncture/Stab Wound

3506047 Gunshot Wound

3506049 Crush Injury

3506051 Tenderness

3506053 Swelling

3506055 Contusion

Data Element Comment

Element eExam.06 - Face Assessment represents Version 2.2.1 element E15\_03 NHTSA Injury Matrix Face The element

value choices have been expanded.

eExam.07 - Neck Assessment

###### 

Definition

The assessment findings associated with the patient's neck.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_06 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3507001 Abrasion

3507003 Avulsion

3507005 Bleeding Controlled

3507007 Bleeding Uncontrolled

3507009 Burn-Blistering

3507011 Burn-Charring

3507013 Burn-Redness

3507015 Burn-White/Waxy

3507017 Decapitation

3507019 Foreign Body

3507025 JVD

3507027 Laceration

3507029 Normal

3507031 Not Done

3507033 Pain

3507035 Puncture/Stab Wound

3507037 Stridor

3507039 Subcutaneous Air

3507045 Tracheal Deviation-Left

3507047 Tracheal Deviation-Right

3507049 Gunshot Wound

3507051 Crush Injury

3507053 Swelling

3507055 Contusion

3507057 Deformity

3507059 Tenderness

Data Element Comment

Element eExam.07 - Neck Assessment represents Version 2.2.1 elements E15\_04 NHTSA Injury Matrix Neck and E16\_06

Neck Assessment. The element value choices have been combined and expanded.

eExam.08 - Chest/Lungs Assessment

###### 

Definition

The assessment findings associated with the patient's chest/lungs.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_07 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Associated Performance Measure Initiatives

Airway Pediatric

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3508001 Abrasion

3508003 Avulsion

3508005 Accessory Muscles Used with Breathing 3508007 Bleeding Controlled

3508009 Bleeding Uncontrolled

3508011 Breath Sounds-Absent-Left

3508013 Breath Sounds-Absent-Right 3508015 Breath Sounds-Decreased Left 3508017 Breath Sounds-Decreased Right 3508019 Breath Sounds-Equal

3508021 Breath Sounds-Normal-Left

3508023 Breath Sounds-Normal-Right

3508025 Burn-Blistering

3508027 Burn-Charring

3508029 Burn-Redness

3508031 Burn-White/Waxy

3508033 Crush Injury

3508035 Deformity

3508037 Flail Segment-Left

3508039 Flail Segment-Right

3508041 Foreign Body

3508047 Increased Respiratory Effort 3508049 Implanted Device

3508051 Laceration

3508053 Normal

3508055 Not Done

3508057 Pain

3508059 Pain with Inspiration/expiration-Left 3508061 Pain with Inspiration/expiration-Right 3508063 Puncture/Stab Wound

3508065 Rales-Left

3508067 Rales-Right

3508069 Retraction

3508071 Rhonchi-Left

3508073 Rhonchi-Right

3508075 Rhonchi/Wheezing

3508077 Stridor-Left

3508079 Stridor-Right

3508085 Tenderness-Left

3508087 Tenderness-Right 3508089 Wheezing-Expiratory - Left

3508091 Wheezing-Expiratory - Right

3508093 Wheezing-Inspiratory - Left 3508095 Wheezing-Inspiratory - Right 3508097 Gunshot Wound

3508099 Swelling

3508101 Contusion

3508103 Tenderness-General

Data Element Comment

Element eExam.08 - Chest/Lungs Assessment represents Version 2.2.1 element E16\_07 Chest/Lungs Assessment. The

element value choices have been expanded.

eExam.09 - Heart Assessment

###### 

Definition

The assessment findings associated with the patient's heart.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_08 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3509001 Clicks

3509003 Heart Sounds Decreased 3509005 Murmur-Diastolic

3509007 Murmur-Systolic

3509009 Normal

3509011 Not Done

3509013 Rubs

3509015 S1

3509017 S2

3509019 S3

3509021 S4

Data Element Comment

Element eExam.09 - Heart Assessment represents Version 2.2.1 element E16\_08 Heart Assessment. The element value

choices have been expanded.

eExam.10 - Abdominal Assessment Finding Location

###### 

Definition

The location of the patient's abdomen assessment findings.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

**Code Description** 3510001 Generalized 3510003 Left Lower Quadrant 3510005 Left Upper Quadrant 3510007 Periumbilical

3510009 Right Lower Quadrant 3510011 Right Upper Quadrant 3510013 Epigastric

Data Element Comment

"Element eExam.10 - Abdominal Assessment Finding Location represents Version 2.2.1 elements E15\_06 NHTSA Injury

Matrix Abdomen AND E16\_09 Abdomen Left Upper Assessment, E16\_10 Abdomen Left Lower Assessment,E16\_11 Abdomen Right Upper Assessment, and E16\_12 Abdomen Right Lower Assessment. The element value choices have been combined and expanded."

eExam.11 - Abdomen Assessment

###### 

Definition

The assessment findings associated with the patient's abdomen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_09 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3511001 Abrasion

3511003 Avulsion

3511005 Bleeding Controlled

3511007 Bleeding Uncontrolled

3511009 Bowel Sounds-Absent

3511011 Bowel Sounds-Present

3511013 Burn-Blistering

3511015 Burn-Charring

3511017 Burn-Redness

3511019 Burn-White/Waxy

3511021 Distention

3511023 Foreign Body

3511025 Guarding

3511031 Laceration

3511033 Mass/Lesion

3511035 Mass-Pulsating

3511037 Normal

3511039 Not Done

3511041 Pain

3511043 Pregnant-Palpable Uterus

3511045 Puncture/Stab Wound

3511051 Tenderness

3511053 Gunshot Wound

3511055 Crush Injury

3511057 Swelling

3511059 Contusion

3511061 Deformity

3511063 Rebound Tenderness

3511065 Rigidity

Data Element Comment

"Element eExam.11 - Abdomen Assessment represents Version 2.2.1 elements E15\_06 NHTSA Injury Matrix Abdomen AND

E16\_09 Abdomen Left Upper Assessment, E16\_10 Abdomen Left Lower Assessment,E16\_11 Abdomen Right Upper Assessment, and E16\_12 Abdomen Right Lower Assessment. The element value choices have been combined and expanded."

eExam.12 - Pelvis/Genitourinary Assessment

###### 

Definition

The assessment findings associated with the patient's pelvis/genitourinary.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_13 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3512001 Abrasion

3512003 Avulsion

3512005 Bleeding Controlled

3512007 Bleeding Uncontrolled

3512009 Bleeding-Rectal

3512011 Bleeding-Urethral

3512013 Bleeding-Vaginal

3512015 Burn-Blistering

3512017 Burn-Charring

3512019 Burn-Redness

3512021 Burn-White/Waxy

3512023 Deformity

3512025 Foreign Body

3512027 Genital Injury

3512033 Laceration

3512035 Mass/Lesion

3512037 Normal

3512039 Not Done

3512041 Pain

3512043 Pelvic Fracture

3512045 Pelvic Instability

3512047 Penile Priapism/Erection

3512049 Pregnant-Crowning

3512051 Puncture/Stab Wound

3512057 Tenderness

3512059 Gunshot Wound

3512061 Crush Injury

3512063 Swelling

3512065 Contusion

Data Element Comment

Element eExam.12 - Pelvis/Genitourinary Assessment represents Version 2.2.1 elements E15\_09 NHTSA Injury Matrix Pelvis

and E16\_13 GU Assessment. The element value choices have been combined and expanded.

eExam.13 - Back and Spine Assessment Finding Location

###### 

Definition

The location of the patient's back and spine assessment findings.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

3513001 Back-General

3513003 Cervical-Left

3513005 Cervical-Midline

3513007 Cervical-Right

3513009 Lumbar-Left

3513011 Lumbar-Midline

3513013 Lumbar-Right

3513015 Thoracic-Left

3513017 Thoracic-Midline

3513019 Thoracic-Right

3513021 Sacral-Left

3513023 Sacral-Midline

3513025 Sacral-Right

Data Element Comment

Element eExam.14 - Back and Spine Assessment represents Version 2.2.1 NHTSA Injury Matrix elements E15\_07 Spine and

E15\_05 Thorax AND E16\_14 Back Cervical Assessment, E16\_15 Back Thoracic Assessment, and E16\_16 Back Lumbar/Sacral Assessment. The element value choices have been combined and expanded.

eExam.14 - Back and Spine Assessment

###### 

Definition

The assessment findings associated with the patient's spine (Cervical, Thoracic, Lumbar, and Sacral) and back exam.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_14 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3514001 Abrasion

3514003 Avulsion

3514005 Bleeding Controlled

3514007 Bleeding Uncontrolled

3514009 Burn-Blistering

3514011 Burn-Charring

3514013 Burn-Redness

3514015 Burn-White/Waxy

3514017 Deformity

3514019 Foreign Body

3514025 Laceration

3514027 Normal

3514029 Not Done

3514031 Pain

3514033 Pain with Range of Motion 3514035 Puncture/Stab Wound

3514041 Tenderness Costovertebral Angle 3514043 Tenderness Midline Spinous Process 3514045 Tenderness Paraspinous

3514047 Gunshot Wound

3514049 Crush Injury

3514051 Swelling

3514053 Contusion

3514055 Tenderness

Data Element Comment

Element eExam.14 - Back and Spine Assessment represents Version 2.2.1 NHTSA Injury Matrix elements E15\_07 Spine and

E15\_05 Thorax AND E16\_14 Back Cervical Assessment, E16\_15 Back Thoracic Assessment, and E16\_16 Back Lumbar/Sacral Assessment. The element value choices have been combined and expanded.

eExam.15 - Extremity Assessment Finding Location

###### 

Definition

The location of the patient's extremity assessment findings.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

3515001 Ankle-Left

3515003 Ankle-Right

3515005 Arm-Upper-Left

3515007 Arm-Upper-Right

3515009 Elbow-Left

3515011 Elbow-Right

3515013 Finger-2nd (Index)-Left

3515015 Finger-2nd (Index)-Right

3515017 Finger-3rd (Middle)-Left

3515019 Finger-3rd (Middle)-Right

3515021 Finger-4th (Ring)-Left

3515023 Finger-4th (Ring)-Right

3515025 Finger-5th (Smallest)-Left

3515027 Finger-5th (Smallest)-Right

3515029 Foot-Dorsal-Left

3515031 Foot-Dorsal-Right

3515033 Foot-Plantar-Left

3515035 Foot-Plantar-Right

3515037 Forearm-Left

3515039 Forearm-Right

3515041 Hand-Dorsal-Left

3515043 Hand-Dorsal-Right

3515045 Hand-Palm-Left

3515047 Hand-Palm-Right

3515049 Hip-Left

3515051 Hip-Right

3515053 Knee-Left

3515055 Knee-Right

3515057 Leg-Lower-Left

3515059 Leg-Lower-Right

3515061 Leg-Upper-Left

3515063 Leg-Upper-Right

3515065 Shoulder-Left

3515067 Shoulder-Right

3515069 Thumb-Left

3515071 Thumb-Right

3515073 Toe-1st (Big)-Left

3515075 Toe-1st (Big)-Right

3515077 Toe-2nd-Left

3515079 Toe-2nd-Right

3515081 Toe-3rd-Left

3515083 Toe-3rd-Right

3515085 Toe-4th-Left

3515087 Toe-4th-Right

3515089 Toe-5th (Smallest)-Left

3515091 Toe-5th (Smallest)-Right

3515093 Wrist-Left

3515095 Wrist-Right

Data Element Comment

Element eExam.16 - Extremities Assessment represents Version 2.2.1 NHTSA Injury Matrix elements E15\_08 Upper

Extremities and E15\_10 Lower Extremities AND E16\_17 Extremities-Right Upper Assessment, E16\_18 Extremities-Right Lower Assessment, E16\_19 Extremities-Left Upper Assessment, and E16\_20 Extremities-Left Lower Assessment. The element value choices have been combined and expanded.

eExam.16 - Extremities Assessment

###### 

Definition

The assessment findings associated with the patient's extremities.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_17 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3516001 Abrasion

3516003 Amputation-Acute

3516005 Amputation-Previous

3516007 Avulsion

3516009 Bleeding Controlled

3516011 Bleeding Uncontrolled

3516013 Burn-Blistering

3516015 Burn-Charring

3516017 Burn-Redness

3516019 Burn-White/Waxy 3516021 Clubbing (of fingers) 3516023 Crush Injury

3516025 Deformity

3516027 Dislocation

3516029 Edema

3516031 Foreign Body

3516033 Fracture-Closed

3516035 Fracture-Open

3516041 Laceration

3516043 Motor Function-Abnormal/Weakness

3516045 Motor Function-Absent

3516047 Motor Function-Normal

3516049 Normal

3516051 Not Done

3516053 Pain

3516055 Paralysis

3516057 Pulse-Abnormal

3516059 Pulse-Absent

3516061 Pulse-Normal

3516063 Puncture/Stab Wound

3516065 Sensation-Abnormal

3516067 Sensation-Absent

3516069 Sensation-Normal

3516075 Tenderness

3516077 Gunshot Wound

3516079 Swelling

3516081 Contusion

3516083 Arm Drift

Data Element Comment

Element eExam.16 - Extremities Assessment represents Version 2.2.1 NHTSA Injury Matrix elements E15\_08 Upper

Extremities and E15\_10 Lower Extremities AND E16\_17 Extremities-Right Upper Assessment, E16\_18 Extremities-Right Lower Assessment, E16\_19 Extremities-Left Upper Assessment, and E16\_20 Extremities-Left Lower Assessment. The element value choices have been combined and expanded.

eExam.17 - Eye Assessment Finding Location

###### 

Definition

The location of the patient's eye assessment findings.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

3517001 Bilateral

3517003 Left

3517005 Right

Data Element Comment

Element eExam.17 - Eye Assessment Finding Location represents Version 2.2.1 elements E16\_21 Eyes-Left Assessment

and E16\_22 Eyes-Right Assessment. The eye location value choices have been expanded.

eExam.18 - Eye Assessment

###### 

Definition

The assessment findings of the patient's eye examination.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_21 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3518001 1-mm

3518003 2-mm

3518005 3-mm

3518007 4-mm

3518009 5-mm

3518011 6-mm

3518013 7-mm

3518015 8-mm or >

3518017 Blind

3518019 Cataract Present

3518021 Clouded

3518023 Deformity

3518025 Dysconjugate Gaze

3518027 Foreign Body

3518029 Glaucoma Present

3518031 Hyphema

3518033 Jaundiced Sclera

3518035 Missing

3518037 Non-Reactive

3518039 Not Done

3518041 Non-Reactive Prosthetic

3518043 Nystagmus Noted

3518045 Open Globe

3518047 PERRL

3518049 Pupil-Irregular/Teardrop

3518051 Reactive

3518053 Sluggish

3518055 Swelling

3518057 Contusion

3518059 Puncture/Stab Wound

Data Element Comment

Element eExam.18 - Eye Assessment represents Version 2.2.1 elements E16\_21 Eyes-Left Assessment and E16\_22

Eyes-Right Assessment. The eye assessment value choices have been combined and expanded.

eExam.19 - Mental Status Assessment

###### 

Definition

The assessment findings of the patient's mental status examination.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_23 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Associated Performance Measure Initiatives

Cardiac Arrest Stroke

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3519001 Combative

3519003 Confused

3519005 Hallucinations

3519007 Normal Baseline for Patient 3519009 Not Done

3519011 Oriented-Person

3519013 Oriented-Place

3519015 Oriented-Event

3519017 Oriented-Time

3519019 Pharmacologically Sedated/Paralyzed

3519021 Unresponsive

3519023 Agitation

3519025 Somnolent

3519027 Stupor

Data Element Comment

Element eExam.19 - Mental Status Assessment represents Version 2.2.1 element E16\_23 Mental Status Assessment. The

element value choices have been expanded.

eExam.20 - Neurological Assessment

###### 

Definition

The assessment findings of the patient's neurological examination.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E16\_24 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Associated Performance Measure Initiatives

Cardiac Arrest Stroke

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

**Data Type:** string

minLength: 0

**maxLength:** 255

###### 

Code List

Code Description

3520001 Aphagia

3520003 Aphasia

3520005 Cerebellar Function-Abnormal

3520007 Cerebellar Function-Normal

3520009 Decerebrate Posturing

3520011 Decorticate Posturing

3520013 Gait-Abnormal

3520015 Gait-Normal

3520017 Hemiplegia-Left

3520019 Hemiplegia-Right

3520021 Normal Baseline for Patient 3520023 Not Done

3520025 Seizures

3520027 Speech Normal

3520029 Speech Slurring

3520031 Strength-Asymmetric

3520033 Strength-Normal

3520035 Strength-Symmetric

3520037 Tremors

3520039 Weakness-Facial Droop-Left

3520041 Weakness-Facial Droop-Right

3520043 Weakness-Left Sided

3520045 Weakness-Right Sided

3520051 Arm Drift-Left

3520053 Arm Drift-Right

Data Element Comment

Element eExam.20 - Neurological Assessment represents Version 2.2.1 element E16\_24 Neurological Assessment. The

element value choices have been expanded.

##### State

eExam.21 - Stroke/CVA Symptoms Resolved

Definition

Indication if the Stroke/CVA Symptoms resolved and when.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | Yes |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Stroke

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

Pertinent Negatives (PN)

8801023 - Unable to Complete

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

3521001 No

3521003 Yes-Resolved Prior to EMS Arrival 3521005 Yes-Resolved in EMS Presence

Data Element Comment

# 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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 : 1 | eProtocols.02 - Protocol Age Category | N | S | R | N, L |

#### eProtocols

eProtocols.ProtocolGroup

C

eProtocols.01 - Protocols Used

N

S

R

N, L

1 : M

1 : 1

eProtocols

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eProtocols.01

###### 

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 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 General-Overdose/Poisoning/Toxic Ingestion

9914137 Medical-Pulmonary Edema/CHF

9914139 Medical-Respiratory Distress/Asthma/COPD/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

9914167 Exposure-Carbon Monoxide 9914169 Cardiac Arrest-Do Not Resuscitate

9914171 Cardiac Arrest-Special Resuscitation Orders 9914173 Exposure-Smoke Inhalation

9914175 General-Community Paramedicine / Mobile Integrated Healthcare 9914177 General-Exception Protocol

9914179 General-Extended Care Guidelines 9914181 General-Interfacility Transfers

9914183 General-Law Enforcement - Blood for Legal Purposes

9914185 General-Law Enforcement - Assist with Law Enforcement Activity 9914187 General-Neglect or Abuse Suspected

9914189 General-Refusal of Care 9914191 Injury-Mass/Multiple Casualties

9914193 Injury-Thoracic

9914195 Medical-Adrenal Insufficiency

9914197 Medical-Apparent Life Threatening Event (ALTE) 9914199 Medical-Tachycardia

9914201 Cardiac Arrest-Determination of Death / Withholding Resuscitative Efforts 9914203 Injury-Conducted Electrical Weapon (e.g., Taser)

9914205 Injury-Facial Trauma

9914207 Injury-General Trauma Management 9914209 Injury-Lightning/Lightning Strike

9914211 Injury-SCUBA Injury/Accidents 9914213 Injury-Topical Chemical Burn

9914215 Medical-Beta Blocker Poisoning/Overdose

9914217 Medical-Calcium Channel Blocker Poisoning/Overdose 9914219 Medical-Opioid Poisoning/Overdose

9914221 Medical-Respiratory Distress-Bronchiolitis

9914223 Medical-Respiratory Distress-Croup

9914225 Medical-Stimulant Poisoning/Overdose

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

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### eProtocols.02

###### 

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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eMedications.12 - Medication Authorizing Physician | O |

#### eMedications

eMedications.MedicationGroup

C

eMedications.01 - Date/Time Medication Administered

N

S

R

N, L

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

N

S

R

N, L

eMedications.03 - Medication Given

N

S

R

N, L, P

eMedications.04 - Medication Administered Route

S

O

eMedications.DosageGroup

eMedications.05 - Medication Dosage

N

S

R

N, L

eMedications.06 - Medication Dosage Units

N

S

R

N, L

eMedications.07 - Response to Medication

N

S

R

N, L

1 : M

eMedications.08 - Medication Complication

N

S

R

N, L

C

eMedications.09 - Medication Crew (Healthcare Professionals) ID

S

E

N, L

eMedications.10 - Role/Type of Person Administering Medication

N

S

R

N, L

eMedications.11 - Medication Authorization

O

1 : M

1 : 1

1 : 1

1 : 1

0 : 1

1 : 1

1 : 1

1 : 1

1 : 1

0 : 1

1 : 1

0 : 1

eMedications

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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

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.

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

Pertinent Negatives (PN)

8801001 - Contraindication Noted 8801009 - Medication Already Taken

7701003 - Not Recorded

8801003 - Denied By Order 8801019 - Refused

8801007 - Medication Allergy 8801023 - Unable to Complete

###### 

Constraints

Data Type

string

minLength

2

maxLength

7

###### 

Data Element Comment

List of medications based on RxNorm (RXCUI) code.

[Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html](http://nemsis.org/v3/resources.html) RxNorm

[Website - http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/)

Product - UMLS Metathesaurus

[Website - http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html](http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html) Product - RxNorm Full Monthly Release

##### State

eMedications.04 - Medication Administered Route

Definition

The route medication was administered to the patient

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E18\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Code List

Code Description

9927001 Blow-By

9927003 Buccal

9927005 Endotracheal Tube (ET) 9927007 Gastrostomy Tube

9927009 Inhalation

9927011 Intraarterial

9927013 Intradermal

9927015 Intramuscular (IM)

9927017 Intranasal

9927019 Intraocular

9927021 Intraosseous (IO)

9927023 Intravenous (IV)

9927025 Nasal Cannula

9927027 Nasogastric

9927029 Nasotracheal Tube

9927031 Non-Rebreather Mask

9927033 Ophthalmic

9927035 Oral

9927037 Other/miscellaneous

9927039 Otic

9927041 Re-breather mask

9927043 Rectal

9927045 Subcutaneous

9927047 Sublingual

9927049 Topical

9927051 Tracheostomy

9927053 Transdermal

9927055 Urethral

9927057 Ventimask

9927059 Wound

9927061 Portacath

Data Element Comment

This medication route list represents a sub-group of values from the Data Elements for Emergency Department Systems

(DEEDS), pertaining to prehospital care.

[DEEDS Version 1.0 was utilized for this list: http://www.sciencedirect.com/science/article/pii/S0196064498703178.](http://www.sciencedirect.com/science/article/pii/S0196064498703178) The list can be found on page 152 of 274 of the PDF document in Section 5, 5.13 Current Therapeutic Medication Route.

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

decimal

totalDigits

9

fractionDigits

3

###### 

Data Element Comment

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 (gms)

3706003 Inches (in)

3706005 International Units (IU) 3706007 Keep Vein Open (kvo) 3706009 Liters (l)

3706011 Liters Per Minute (l/min [fluid]) 3706013 Metered Dose (MDI)

3706015 Micrograms (mcg)

3706017 Micrograms per Kilogram per Minute (mcg/kg/min) 3706019 Milliequivalents (mEq)

3706021 Milligrams (mg)

3706023 Milligrams per Kilogram Per Minute (mg/kg/min) 3706025 Milliliters (ml)

3706027 Milliliters per Hour (ml/hr) 3706029 Other

3706031 Centimeters (cm)

3706033 Drops (gtts)

3706035 Liters Per Minute (LPM [gas]) 3706037 Micrograms per Minute (mcg/min) 3706039 Milligrams per Kilogram (mg/kg) 3706041 Milligrams per Minute (mg/min) 3706043 Puffs

3706045 Units per Hour (units/hr)

3706047 Micrograms per Kilogram (mcg/kg) 3706049 Units

3706051 Units per Kilogram per Hour (units/kg/hr) 3706053 Units per Kilogram (units/kg)

Data Element Comment

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

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

3708029 Nausea

3708031 None

3708033 Other

3708035 Respiratory Distress

3708037 Tachycardia

3708039 Tachypnea

3708041 Vomiting

3708043 Itching

3708045 Urticaria

Data Element Comment

##### State

eMedications.09 - Medication Crew (Healthcare Professionals) ID

Definition

The statewide assigned ID number of the EMS crew member giving the treatment to the patient

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E18\_09 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

How should the state ID for an EMS professional be record when working on an event in 2 states. The ID used would typically

be based on the EMS agency's state license specific to each EMS professional. Used for eProcedures.09 (Procedure Crew Members ID) as well.

###### 

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

9905015 First Responder

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

9905035 Nurse Practitioner

9905037 Physician Assistant

9905039 Licensed Practical Nurse (LPN) 9905041 Registered Nurse

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.

eMedications.11 - Medication Authorization

###### 

Definition

The type of treatment authorization obtained

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E18\_10 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9918001 On-Line (Remote Verbal Order) 9918003 On-Scene

9918005 Protocol (Standing Order) 9918007 Written Orders (Patient Specific)

Data Element Comment

eMedications.12 - Medication Authorizing Physician

###### 

Definition

The name of the authorizing physician ordering the medication administration if the order was provided by any manner other than protocol (standing order) in EMedications.11

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E18\_11 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

**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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 0 : 1 | eProcedures.13 - Vascular Access Location | S | E | N, L |

eProcedures

eProcedures.ProcedureGroup

C

eProcedures.01 - Date/Time Procedure Performed

N

S

R

N, L

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

N

S

R

N, L

eProcedures.03 - Procedure

N

S

R

N, L, P

eProcedures.05 - Number of Procedure Attempts

N

S

R

N, L

eProcedures.06 - Procedure Successful

N

S

R

N, L

1 : M

eProcedures.07 - Procedure Complication

N

S

R

N, L

C

eProcedures.08 - Response to Procedure

N

S

R

N, L

eProcedures.09 - Procedure Crew Members ID

S

E

N, L

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

N

S

R

N, L

eProcedures.11 - Procedure Authorization

O

eProcedures.12 - Procedure Authorizing Physician

O

1 : M

1 : 1

1 : 1

1 : 1

0 : 1

O

1 : 1

1 : 1

1 : 1

0 : 1

1 : 1

0 : 1

0 : 1

eProcedures.04 - Size of Procedure Equipment

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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

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.

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

**Pertinent Negatives (PN)** 8801001 - Contraindication Noted 8801023 - Unable to Complete

7701003 - Not Recorded 8801003 - Denied By Order

8801019 - Refused

###### 

Constraints

Data Type

integer

maxInclusive

999999999999999

minInclusive

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](http://nemsis.org/v3/resources.html)

SNOMEDCT

[Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed\_main.html](http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html) Product: Product - UMLS Metathesaurus

eProcedures.04 - Size of Procedure Equipment

###### 

Definition

The size of the equipment used in the procedure on the patient

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E19\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

20

###### 

Data Element Comment

Need business logic to require detail of size appropriate for the procedure.

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

integer

minInclusive

1

maxInclusive

10

###### 

Data Element Comment

eProcedures.06 - Procedure Successful

Definition

Indicates that this individual 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

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

3907031 Nausea

3907033 None

3907035 Other

3907039 Respiratory Distress

3907041 Tachycardia

3907043 Tachypnea

3907045 Vomiting

3907047 Bradycardia

3907049 Itching

3907051 Urticaria

Data Element Comment

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

eProcedures.09 - Procedure Crew Members ID

Definition

The statewide assigned ID number of the EMS crew member performing the procedure on the patient

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E19\_09 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

For an incident that occurs in multiple states, the certification ID number the EMS agency would typically use is based on the

EMS agency's state license specific to each EMS professional. If the incident needs to be reported to each state, then the EMS Agency Number for each state should be submitted as well as the certification ID numbers for each EMS professional on the unit.

###### 

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

9905015 First Responder

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

9905035 Nurse Practitioner

9905037 Physician Assistant

9905039 Licensed Practical Nurse (LPN) 9905041 Registered Nurse

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 performing the procedure.

eProcedures.11 - Procedure Authorization

###### 

Definition

The type of treatment authorization obtained

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E19\_10 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9918001 On-Line (Remote Verbal Order) 9918003 On-Scene

9918005 Protocol (Standing Order) 9918007 Written Orders (Patient Specific)

Data Element Comment

eProcedures.12 - Procedure Authorizing Physician

###### 

Definition

The name of the authorizing physician ordering the procedure, if the order was provided by any manner other than protocol (standing order) in eProcedures.11

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E19\_11 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

##### State

eProcedures.13 - Vascular Access Location

Definition

The location of the vascular access site attempt on the patient, if applicable.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E19\_12 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

3913001 Antecubital-Left

3913003 Antecubital-Right

3913005 External Jugular-Left

3913007 External Jugular-Right

3913009 Femoral-Left IV

3913011 Femoral-Right IV

3913013 Foot-Right

3913015 Foot-Left

3913017 Forearm-Left

3913019 Forearm-Right

3913021 Hand-Left

3913023 Hand-Right

3913025 Internal Jugular-Left

3913027 Internal Jugular-Right

3913029 IO-Iliac Crest-Left

3913031 IO-Iliac Crest-Right

3913033 IO-Femoral-Left Distal

3913035 IO-Femoral-Right Distal

3913037 IO-Humeral-Left

3913039 IO-Humeral-Right

3913041 IO-Tibia-Left Distal

3913043 IO-Sternum

3913045 IO-Tibia-Right Distal

3913047 IO-Tibia-Left Proximal

3913049 IO-Tibia-Right Proximal

3913051 Lower Extremity-Left

3913053 Lower Extremity-Right

3913055 Other Peripheral

3913057 Other Central (PICC, Portacath, etc.) 3913059 Scalp

3913061 Subclavian-Left

3913063 Subclavian-Right

3913065 Umbilical

3913067 Venous Cutdown-Left Lower Extremity 3913069 Venous Cutdown-Right Lower Extremity 3913071 Upper Arm-Left

3913073 Upper Arm-Right

3913075 Radial-Left

3913077 Radial-Right

Data Element Comment

This is now associated with the Date/Time of the procedure and therefore changed to single choice. This allows the location to

be documented with each procedure and attempt. If the vascular access has been established prior to EMS, this should be documented as such.

# eAirway



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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eAirway.11 - Date/Time Invasive Airway Placement Attempts Abandoned | O |

#### eAirway

eAirway.AirwayGroup

0 : M

eAirway.01 - Indications for Invasive Airway

S

E

N, L

C

eAirway.ConfirmationGroup

C

eAirway.02 - Date/Time Airway Device Placement Confirmation

S

E

N, L

eAirway.03 - Airway Device Being Confirmed

S

E

N, L

0 : M

eAirway.04 - Airway Device Placement Confirmed Method

S

E

N, L

C

eAirway.06 - Type of Individual Confirming Airway Device Placement

S

E

N, L

eAirway.07 - Crew Member ID

S

E

N, L

0 : M

eAirway.08 - Airway Complications Encountered

S

E

N, L

C

eAirway.09 - Suspected Reasons for Failed Airway Management

S

O

C

eAirway.10 - Date/Time Decision to Manage the Patient with an Invasive Airway

O

0 : 1

0 : M

0 : 1

0 : 1

0 : 1

O

0 : 1

0 : 1

0 : M

0 : 1

eAirway.05 - Tube Depth

eAirway

eAirway.01 - Indications for Invasive Airway

Definition

The clinical indication for performing invasive airway management.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Airway

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

Code Description

4001001 Adequate Airway Reflexes/Effort, Potential for Compromise 4001003 Airway Reflex Compromised

4001005 Apnea or Agonal Respirations 4001007 Illness Involving Airway 4001009 Injury Involving Airway 4001011 Other

4001013 Ventilatory Effort Compromised

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document airway management.

eAirway.02 - Date/Time Airway Device Placement Confirmation

Definition

The date and time the airway device placement was confirmed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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

SAD=Supraglottic Airway Device

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 airway management.

eAirway.03 - Airway Device Being Confirmed

Definition

The airway device in which placement is being confirmed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

4003001 Cricothyrotomy Tube

4003003 Endotracheal Tube

4003005 Other-Invasive Airway

4003007 SAD-Combitube

4003009 SAD-King

4003011 SAD-LMA

4003013 SAD-Other

4003015 Tracheostomy Tube

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document airway management. SAD means Supraglottic Airway Device.

eAirway.04 - Airway Device Placement Confirmed Method

Definition

The method used to confirm the airway device placement.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Airway

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

Code Description

4004001 Auscultation

4004003 Bulb/Syringe Aspiration

4004005 Colorimetric ETCO2 4004007 Condensation in Tube 4004009 Digital (Numeric) ETCO2

4004011 Direct Re-Visualization of Tube in Place 4004013 Endotracheal Tube Whistle (BAAM, etc.) 4004015 Other

4004017 Visualization of Vocal Cords 4004019 Waveform ETCO2

Data Element Comment

If the invasive airway is confirmed via multiple methods each method should be documented individually by time, method, and

type of individual.

Version 3 Changes Implemented

Added to better document airway management.

eAirway.05 - Tube Depth

###### 

Definition

The measurement at the patient's teeth/lip of the tube depth in centimeters (cm) of the invasive airway placed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

|  |  |  |
| --- | --- | --- |
| Associated Performance Measure Initiatives | | |
| Airway |  |  |
| Constraints |  |  |
| **Data Type** | **minInclusive** | **maxInclusive** |
| integer | 8 | 32 |

Data Element Comment

Tube Depth added to better document the initial placement of the airway device and subsequent assessments.

eAirway.06 - Type of Individual Confirming Airway Device Placement

Definition

The type of individual who confirmed the airway device placement.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Code List

Code Description

4006001 Another Person on the Same Crew 4006003 Other

4006005 Person Performing Intubation 4006007 Receiving Air Medical/EMS Crew 4006009 Receiving Hospital Team

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document airway management.

eAirway.07 - Crew Member ID

Definition

The statewide assigned ID number of the EMS crew member confirming the airway placement.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

Version 3 Changes Implemented

Added to better document airway management.

eAirway.08 - Airway Complications Encountered

Definition

The airway management complications encountered during the patient care episode.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Airway

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

Code Description

4008001 Adverse Event from Facilitating Drugs 4008003 Bradycardia (<50)

4008005 Cardiac Arrest

4008007 Esophageal Intubation-Delayed Detection (After Tube Secured) 4008009 Esophageal Intubation-Detected in Emergency Department 4008011 Failed Intubation Effort

4008013 Injury or Trauma to Patient from Airway Management Effort 4008015 Other

4008017 Oxygen Desaturation (<90%)

4008019 Patient Vomiting/Aspiration

4008021 Tube Dislodged During Transport/Patient Care

4008023 Tube Was Not in Correct Position when EMS Crew/Team Assumed Care of the Patient

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document airway management.

eAirway.09 - Suspected Reasons for Failed Airway Management

Definition

The reason(s) the airway was unable to be successfully managed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Airway

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

4009001 Difficult Patient Airway Anatomy

4009003 ETI Attempted, but Arrived At Destination Facility Before Accomplished 4009005 Facial or Oral Trauma

4009007 Inability to Expose Vocal Cords

4009009 Inadequate Patient Relaxation/Presence of Protective Airway Reflexes 4009011 Jaw Clenched (Trismus)

4009013 Other

4009015 Poor Patient Access 4009017 Secretions/Blood/Vomit

4009019 Unable to Position or Access Patient

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document airway management.

eAirway.10 - Date/Time Decision to Manage the Patient with an Invasive Airway

###### 

Definition

The date and time the decision was made to manage the patient's airway with an invasive airway device.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 airway management.

eAirway.11 - Date/Time Invasive Airway Placement Attempts Abandoned

###### 

Definition

The date and time that the invasive airway attempts were abandoned for the patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 airway management.

# eDevice



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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eDevice.12 - Pacing Rate | O |

#### eDevice

eDevice.DeviceGroup

C

eDevice.03 - Medical Device Event Type

O

C

eDevice.WaveformGroup

eDevice.04 - Medical Device Waveform Graphic Type

O

eDevice.05 - Medical Device Waveform Graphic

O

eDevice.06 - Medical Device Mode (Manual, AED, Pacing, CO2, O2, etc)

O

eDevice.07 - Medical Device ECG Lead

O

C

eDevice.ShockGroup

eDevice.09 - Type of Shock

O

eDevice.10 - Shock or Pacing Energy

O

eDevice.11 - Total Number of Shocks Delivered

O

0 : M

0 : 1

O

0 : 1

O

0 : M

0 : 1

0 : 1

0 : 1

0 : 1

0 : M

0 : 1

O

0 : 1

0 : 1

0 : 1

0 : 1

eDevice.01 - Medical Device Serial Number

eDevice.02 - Date/Time of Event (per Medical Device)

eDevice.08 - Medical Device ECG Interpretation

eDevice

eDevice.01 - Medical Device Serial Number

###### 

Definition

The unique manufacturer's serial number associated with a medical device.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

eDevice.02 - Date/Time of Event (per Medical Device)

###### 

Definition

The time of the event recorded by the device's internal clock

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E21\_01 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 |

eDevice.03 - Medical Device Event Type

###### 

Definition

The type of event documented by the medical device.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E21\_02 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

4103001 12-Lead ECG

4103003 Analysis (Button Pressed) 4103005 CO2

4103007 Date Transmitted

4103009 Defibrillation

4103011 ECG-Monitor

4103013 Heart Rate

4103015 Invasive Pressure 1

4103017 Invasive Pressure 2 4103019 No Shock Advised 4103021 Non-Invasive BP

4103023 Other

4103025 Pacing Electrical Capture 4103027 Pacing Started

4103029 Pacing Stopped

4103031 Patient Connected

4103033 Power On

4103035 Pulse Oximetry

4103037 Pulse Rate

4103039 Respiratory Rate

4103041 Shock Advised

4103043 Sync Off

4103045 Sync On

4103047 Temperature 1

4103049 Temperature 2

Data Element Comment

Can be displayed in the Vital Signs or Procedure Sections.

eDevice.04 - Medical Device Waveform Graphic Type

###### 

Definition

The description of the waveform file stored in Waveform Graphic (eDevice.05).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E21\_03 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

The description is defined as the extension of the file type. Examples of file name extensions include "doc", "jpeg", "tiff", etc.

For a list of additional extensions reference the following website(s): 3D Image formats: <http://www.fileinfo.com/filetypes/3d_image>

Raster Image formats: <http://www.fileinfo.com/filetypes/raster_image>

Vector Image formats: <http://www.fileinfo.com/filetypes/vector_image>

Video formats: <http://www.fileinfo.com/filetypes/video> Audio formats: <http://www.fileinfo.com/filetypes/audio>

Comparison of formats:

Image: <http://en.wikipedia.org/wiki/Comparison_of_image_file_formats> Audio: <http://en.wikipedia.org/wiki/Audio_file_format>

Container: <http://en.wikipedia.org/wiki/Comparison_of_container_formats>

A general list of image formats: <http://en.wikipedia.org/wiki/Image_file_formats> Mime Types: <http://en.wikipedia.org/wiki/Internet_media_type>

eDevice.05 - Medical Device Waveform Graphic

###### 

Definition

The graphic waveform file.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E21\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

Constraints

Data Type

base64Binary

Data Element Comment

eDevice.06 - Medical Device Mode (Manual, AED, Pacing, CO2, O2, etc)

###### 

Definition

The mode of operation the device is operating in during the defibrillation, pacing, or rhythm analysis by the device (if appropriate for the event)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E21\_05 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

4106001 Advisory

4106003 Automated

4106005 Demand

4106007 Manual

4106009 Mid-Stream

4106011 Sensing

4106013 Side-Stream

Data Element Comment

eDevice.07 - Medical Device ECG Lead

###### 

Definition

The lead or source which the medical device used to obtain the rhythm (if appropriate for the event)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E21\_06 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

4107001 I

4107003 II

4107005 III

4107007 AVR

4107009 AVL

4107011 AVF

4107013 Paddle

4107015 Pads

4107017 V1

4107019 V2

4107021 V3

4107023 V3r

4107025 V4

4107027 V4r

4107029 V5

4107031 V5r

4107033 V6

4107035 V6r

4107037 V7

4107039 V8

4107041 V9

Data Element Comment

Can be displayed in the Vital Signs or Procedure Sections.

eDevice.08 - Medical Device ECG Interpretation

###### 

Definition

The interpretation of the rhythm by the device (if appropriate for the event)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E21\_07 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest STEMI

###### 

Constraints

Data Type

string

minLength

1

maxLength

2000

###### 

Data Element Comment

The rhythm interpretation text imported from the device.

eDevice.09 - Type of Shock

###### 

Definition

The type of shock used by the device for the defibrillation (if appropriate for the event)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E21\_08 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

Code List

Code Description

4109001 Biphasic

4109003 Monophasic

Data Element Comment

eDevice.10 - Shock or Pacing Energy

###### 

Definition

The energy (in joules) used for the shock or pacing (if appropriate for the event)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E21\_09 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Associated Performance Measure Initiatives | | | | |
| Cardiac Arrest |  |  |  |  |
| Constraints |  |  |  |  |
| **Data Type** | **totalDigits** | **fractionDigits** | **minInclusive** | **maxInclusive** |
| decimal | 5 | 1 | 1 | 9000 |

Data Element Comment

eDevice.11 - Total Number of Shocks Delivered

###### 

Definition

The number of times the patient was defibrillated, if the patient was defibrillated during the patient encounter.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E21\_10 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

###### 

Constraints

Data Type

integer

minInclusive

1

maxInclusive

100

###### 

Data Element Comment

eDevice.12 - Pacing Rate

###### 

Definition

The rate the device was calibrated to pace during the event, if appropriate.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E21\_11 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

integer

minInclusive

1

maxInclusive

1000

###### 

Data Element Comment

**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

0 : 1

0 : 1

0 : 1

0 : 1

eDisposition.01 - Destination/Transferred To, Name eDisposition.02 - Destination/Transferred To, Code eDisposition.03 - Destination Street Address eDisposition.04 - Destination City

S E N, L S E N, L S O

S O

1 : 1

1 : 1

1 : 1

0 : 1

0 : 1

0 : 1

eDisposition.05 - Destination State eDisposition.06 - Destination County eDisposition.07 - Destination ZIP Code

N S R

N S R

N S R O

eDisposition.08 - Destination Country

eDisposition.09 - Destination GPS Location

O O

eDisposition.10 - Destination Location US National Grid Coordinates

N, L

N, L

N, L

0 : 1

1 : 1

0 : M

0 : M

0 : 1

eDisposition.11 - Number of Patients Transported in this EMS Unit

eDisposition.12 - Incident/Patient Disposition eDisposition.13 - How Patient Was Moved to Ambulance eDisposition.14 - Position of Patient During Transport

S E N, L N S M

O C

O C O

eDisposition.15 - How Patient Was Transported From Ambulance

1 : 1

1 : 1

1 : M

1 : 1

1 : M

1 : 1

1 : 1

1 : 1

1 : M

eDisposition.16 - EMS Transport Method

eDisposition.17 - Transport Mode from Scene eDisposition.18 - Additional Transport Mode Descriptors eDisposition.19 - Final Patient Acuity

eDisposition.20 - Reason for Choosing Destination eDisposition.21 - Type of Destination eDisposition.22 - Hospital In-Patient Destination eDisposition.23 - Hospital Capability eDisposition.HospitalTeamActivationGroup

N S R

N S R

N S R

N S R

N S R

N S R

N S R

N S R

N, L

N, L

N, L C N, L

N, L C N, L

N, L

N, L

C

1 : 1

1 : 1

|  |  |  |  |
| --- | --- | --- | --- |
| 0 : M | eDisposition.26 - Disposition Instructions Provided | O | C |

eDisposition.24 - Destination Team Pre-Arrival Alert or Activation eDisposition.25 - Date/Time of Destination Prearrival Alert or Activation

N S R

N S R

N, L

N, L

#### eDisposition

eDisposition.01 - Destination/Transferred To, Name

Definition

The destination the patient was delivered or transferred to.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E20\_01 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

Recommended State data element since no national code for destination. May be populated from the list in dFacility.02

(Facility Name).

eDisposition.02 - Destination/Transferred To, Code

Definition

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E20\_02 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

May be populated from list in dFacility.03 (Facility Location Code) or dFacility.05 (Facility National Provider Identifier) if a

health care facility.

eDisposition.03 - Destination Street Address

Definition

The street address of the destination the patient was delivered or transferred to.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E20\_03 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Attributes

StreetAddress2 Data Type: string

**minLength:** 1

**maxLength:** 255

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

May be auto-populated if list created in dFacility.07 (Facility Street Address).

eDisposition.04 - Destination City

Definition

The city of the destination the patient was delivered or transferred to (physical address).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | No |
| Version 2 Element | E20\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Data Element Comment

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website. GNIS Codes Website: <http://geonames.usgs.gov/domestic/download_data.htm>

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

Pattern

[0-9]{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>

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

Pattern

[0-9]{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>

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/](http://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/) Product: USA - 5-digit ZIP Code Database, Commercial Edition

eDisposition.08 - Destination Country

###### 

Definition

The country of the destination.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

length

2

###### 

Data Element Comment

May be auto-populated if list created in dFacility.12 (Facility Country).

ANSI Country Codes (ISO 3166) Website: <http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm>

Version 3 Changes Implemented

Added for improved international compatibility.

eDisposition.09 - Destination GPS Location

###### 

Definition

The destination GPS Coordinates to which the patient was delivered or transferred to.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E20\_08 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

(\+|-)?(90(\.[0]{1,6})?|([1-8][0-9]|[0-9])(\.[0-9]{1,6})?),(\+|-)?(180(\.[0]{1,6})?|(1[0-7][0-9]|[1-9][0-9]|[0-9])(\.[0-9]{1,6})?)

Data Element Comment

May be auto-populated if list created in dFacility.13 (Facility GPS Location).

The pattern for GPS location is in the format "*latitude*,*longitude*" where:

* *latitude* has a minimum of -90 and a maximum of 90 with up to 6 decimal places
* *longitude* has a minimum of -180 and a maximum of 180 with up to 6 decimal places

eDisposition.10 - Destination Location US National Grid Coordinates

###### 

Definition

The US National Grid Coordinates for the Destination Location. This may be the Healthcare Facility US National Grid Coordinates.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Pattern

([1-9]|[1-5][0-9]|60)[C-HJ-NP-X][A-HJ-NP-Z][A-HJ-NP-V][0-9]{8}

Data Element Comment

[Standard found at www.fgdc.gov/usng.](http://www.fgdc.gov/usng)

Through programming this may be partially auto-populated if the list is created in dFacility.14 (Facility US National Grid Coordinates).

##### State

eDisposition.11 - Number of Patients Transported in this EMS Unit

Definition

The number of patients transported by this EMS crew and unit.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element |  |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

positiveInteger

minInclusive

1

maxInclusive

100

###### 

Data Element Comment

Added to document multiple patients being transported with the same vehicle and crew.

Version 3 Changes Implemented

Added to document multiple patients being transported with the same vehicle and crew.

###### 

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 Canceled on Scene (No Patient Contact) 4212011 Canceled on Scene (No Patient Found)

4212013 Patient Dead at Scene-No Resuscitation Attempted (With Transport) 4212015 Patient Dead at Scene-No Resuscitation Attempted (Without Transport) 4212017 Patient Dead at Scene-Resuscitation Attempted (With Transport) 4212019 Patient Dead at Scene-Resuscitation Attempted (Without Transport) 4212021 Patient Evaluated, No Treatment/Transport Required

4212023 Patient Refused Evaluation/Care (With Transport) 4212025 Patient Refused Evaluation/Care (Without Transport) 4212027 Patient Treated, Released (AMA)

4212029 Patient Treated, Released (per protocol)

4212031 Patient Treated, Transferred Care to Another EMS Unit 4212033 Patient Treated, Transported by this EMS Unit 4212035 Patient Treated, Transported by Law Enforcement 4212037 Patient Treated, Transported by Private Vehicle 4212039 Standby-No Services or Support Provided

4212041 Standby-Public Safety, Fire, or EMS Operational Support Provided 4212043 Transport Non-Patient, Organs, etc.

Data Element Comment

eDisposition.13 - How Patient Was Moved to Ambulance

###### 

Definition

The method the patient was moved to the ambulance from the scene

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E20\_11 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

9909001 Assisted/Walk

9909003 Backboard

9909005 Chair

9909007 Carried

9909009 Other

9909011 Stairchair

9909013 Stretcher

9909015 Wheelchair

Data Element Comment

eDisposition.14 - Position of Patient During Transport

###### 

Definition

The position of the patient during transport from the scene

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E20\_12 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

4214001 Car Seat

4214003 Fowlers (Semi-Upright Sitting) 4214005 Lateral Left

4214007 Lateral Right

4214009 Other

4214011 Prone

4214013 Semi-Fowlers

4214015 Sitting

4214017 Supine

4214019 Trendelenburg

Data Element Comment

eDisposition.15 - How Patient Was Transported From Ambulance

###### 

Definition

The method the patient was moved from the ambulance to the destination

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E20\_13 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

9909001 Assisted/Walk

9909003 Backboard

9909005 Chair

9909007 Carried

9909009 Other

9909011 Stairchair

9909013 Stretcher

9909015 Wheelchair

Data Element Comment

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.

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.

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

4218011 Lights and Sirens 4218013 Lights and No Sirens 4218015 No Lights or Sirens

4218017 Initial No Lights or Sirens, Upgraded to Lights and Sirens 4218019 Initial Lights and Sirens, Downgraded to No Lights or Sirens

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.

eDisposition.19 - Final Patient Acuity

Definition

The acuity of the patient's condition after EMS care.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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

4219001 Critical (Red)

4219003 Emergent (Yellow) 4219005 Lower Acuity (Green)

4219007 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>

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

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

**maxLength:** 255

###### 

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

4220015 Patient's Choice

4220017 Patient's Physician's Choice 4220019 Protocol

4220021 Regional Specialty Center

Data Element Comment

Required if Patient Transported

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

4221015 Other EMS Responder (air) 4221017 Other EMS Responder (ground) 4221019 Police/Jail

4221021 Urgent Care

4221023 Freestanding Emergency Department

Data Element Comment

Required if Patient Transported by EMS.

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 &amp; 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

4222051 Hospital-Oncology

4222053 Hospital-Outpatient Surgery

Data Element Comment

To be documented when in eDisposition.21 "Hospital-Non-Emergency Department Bed" is selected.

###### 

Version 3 Changes Implemented

Added to identify the location within the hospital that the patient was directly taken to by EMS.

eDisposition.23 - Hospital Capability

Definition

The primary hospital capability associated with the patient's condition 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

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

9908031 Cardiac-STEMI/PCI Capable 9908033 Cardiac-STEMI/PCI Capable (24/7) 9908035 Cardiac-STEMI/Non-PCI Capable

Data Element Comment

To be documented when eDisposition.21 (Type of Destination) is 1) Hospital-Emergency Department, 2)

Hospital-Non-Emergency Department Bed, or 3) Freestanding Emergency Department.

Version 3 Changes Implemented

Added to aid in determining if patients are transported to the appropriate hospital based on provider impression, assessment,

and treatment.

eDisposition.24 - Destination Team Pre-Arrival Alert or Activation

Definition

Indication that an alert (or activation) was called by EMS to the appropriate destination healthcare facility team. The alert (or activation) should occur prior to the EMS Unit arrival at the destination with the 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

4224017 Yes-Trauma (General)

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 Alert or Activation

Definition

The Date/Time EMS alerted, notified, or activated the Destination Healthcare Facility prior to EMS arrival. The EMS assessment identified the patient as acutely ill or injured based on exam and possibly specified alert criteria.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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.

eDisposition.26 - Disposition Instructions Provided

###### 

Definition

Information provided to patient during disposition for patients not transported or treated.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

4226001 Contact 911 or see your Doctor if problem returns 4226003 Contact 911 or see your Doctor if problem worsens 4226005 Other Not Listed (Described in Narrative)

4226007 Problem Specific Instructions Provided

4226009 See Your Doctor or the Emergency Department immediately 4226011 See Your Doctor or the Emergency Department in the next 24 hours 4226013 See Your Doctor or the Emergency Department in the next 4 hours 4226015 See Your Doctor within the next one week

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document instructions given to patients not transported by EMS.

# 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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eOutcome.17 - Outcome at Hospital Discharge | O |

#### eOutcome

eOutcome.01 - Emergency Department Disposition

N

S

R

N, L

eOutcome.02 - Hospital Disposition

N

S

R

N, L

eOutcome.ExternalDataGroup

C

eOutcome.08 - Emergency Department Recorded Cause of Injury

O

C

eOutcome.09 - Emergency Department Procedures

O

C

eOutcome.10 - Emergency Department Diagnosis

O

C

eOutcome.12 - Hospital Procedures

O

C

eOutcome.13 - Hospital Diagnosis

O

C

1 : 1

1 : 1

0 : M

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : 1

O

0 : M

0 : M

0 : M

0 : 1

O

0 : M

0 : M

0 : 1

O

0 : 1

O

0 : 1

O

eOutcome.03 - External Report ID/Number Type

eOutcome.04 - External Report ID/Number

eOutcome.05 - Other Report Registry Type

eOutcome.06 - Emergency Department Chief Complaint

eOutcome.07 - First ED Systolic Blood Pressure

eOutcome.11 - Date/Time of Hospital Admission

eOutcome.14 - Total ICU Length of Stay

eOutcome.15 - Total Ventilator Days

eOutcome.16 - Date/Time of Hospital Discharge

eOutcome

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

1. Discharged to home or self care (routine discharge)
2. Discharged/transferred to another short term general hospital for inpatient care
3. Discharged/transferred to a skilled nursing facility (SNF)
4. Discharged/transferred to an intermediate care facility (ICF)
5. Discharged/transferred to another type of institution not defined elsewhere in this code list
6. Discharged/transferred to home under care of organized home health service organization in anticipation of covered skills care
7. Left against medical advice or discontinued care

09 Admitted as an inpatient to this hospital.

1. Deceased/Expired (or did not recover - Religious Non Medical Health Care Patient)
2. 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)

1. Discharged/transferred to Hospice - home.
2. Discharged/transferred to Hospice - medical facility
3. Discharged/transferred within this institution to a hospital based Medicare approved swing bed.
4. Discharged/transferred to a inpatient rehabilitation facility including distinct part units of a hospital.
5. Discharged/transferred to long term care hospitals
6. Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare
7. Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital.
8. 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](http://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.

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

1. Discharged to home or self care (routine discharge)
2. Discharged/transferred to another short term general hospital for inpatient care
3. Discharged/transferred to a skilled nursing facility (SNF)
4. Discharged/transferred to an intermediate care facility (ICF)
5. Discharged/transferred to another type of institution not defined elsewhere in this code list
6. Discharged/transferred to home under care of organized home health service organization in anticipation of covered skills care
7. Left against medical advice or discontinued care
8. Deceased/Expired (or did not recover - Religious Non Medical Health Care Patient)
9. 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)

1. Discharged/transferred to Hospice - home.
2. Discharged/transferred to Hospice - medical facility
3. Discharged/transferred within this institution to a hospital based Medicare approved swing bed.
4. Discharged/transferred to a inpatient rehabilitation facility including distinct part units of a hospital.
5. Discharged/transferred to long term care hospitals
6. Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare
7. Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital.
8. 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](http://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.

eOutcome.03 - External Report ID/Number Type

###### 

Definition

The Type of External Report or Record associated with the Report/ID Number.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

**Code Description** 4303001 Disaster Tag 4303003 Fire Incident Report 4303005 Hospital-Receiving

4303007 Hospital-Transferring 4303009 Law Enforcement Report 4303011 Other

4303013 Other Registry

4303015 Other Report

4303017 Patient ID

4303019 Prior EMS Patient Care Report 4303021 STEMI Registry

4303023 Stroke Registry

4303025 Trauma Registry

Data Element Comment

This data element is a merge based on the following Version 2.2.1 elements: E22\_03, E22\_04, E22\_05, and E22\_06

###### 

Version 3 Changes Implemented

Added to allow documentation of external record and identification numbers.

eOutcome.04 - External Report ID/Number

###### 

Definition

The ID or Number of the external report or record in eOutcome.03.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

This data element is a merge based on the following Version 2.2.1 elements: E22\_03, E22\_04, E22\_05, and E22\_06

Version 3 Changes Implemented

Added to allow documentation of external record and identification numbers.

eOutcome.05 - Other Report Registry Type

###### 

Definition

The type of external report/registry that was documented as "other" in eOutcome.03

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

This element should be used only when other-report or other-registry is used eOutcome.03.

eOutcome.06 - Emergency Department Chief Complaint

###### 

Definition

The patient's reason for seeking care or attention, expressed in the terms as close as possible to those used by the patient or responsible informant.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

100

###### 

Data Element Comment

Version 3 Changes Implemented

Added to better evaluate EMS patient care.

eOutcome.07 - First ED Systolic Blood Pressure

###### 

Definition

The first recorded Emergency Department Systolic Blood Pressure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

integer

minInclusive

0

maxInclusive

500

###### 

Data Element Comment

Version 3 Changes Implemented

Added to better evaluate the outcome of EMS care.

eOutcome.08 - Emergency Department Recorded Cause of Injury

###### 

Definition

The documented cause of injury from the emergency department record.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Constraints

Pattern

([TV-Y][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](http://nemsis.org/v3/resources.html)

ICD-10-CM

[Website - http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

Version 3 Changes Implemented

Added to better evaluate EMS care.

eOutcome.09 - Emergency Department Procedures

###### 

Definition

The procedures performed on the patient during the emergency department visit.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Constraints

Pattern

[0-9A-HJ-NP-Z]{3,7}

Data Element Comment

ICD-10-PCS has a seven character alphanumeric code structure. Each character contains up to 34 possible values. Each

value represents a specific option for the general character definition (e.g., stomach is one of the values for the body part character). The ten digits 0-9 and the 24 letters A-H,J-N and P-Z may be used in each character. The letters O and I are not used in order to avoid confusion with the digits 0 and 1.

[Website - http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

Version 3 Changes Implemented

Added to better evaluate EMS care.

eOutcome.10 - Emergency Department Diagnosis

###### 

Definition

The practitioner's description of the condition or problem for which Emergency Department services were provided.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Constraints

Pattern

[A-Z][0-9][0-9A-Z]((\.[0-9A-Z]{1,3})?)

Data Element Comment

Code list is represented in ICD-10-CM: Diagnosis Codes.

[Website - http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

Version 3 Changes Implemented

Added to better evaluate EMS care.

eOutcome.11 - Date/Time of Hospital Admission

###### 

Definition

The date and time the patient was admitted to the hospital.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 evaluate EMS care.

eOutcome.12 - Hospital Procedures

###### 

Definition

Hospital Procedures performed on the patient during the hospital admission.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Constraints

Pattern

[0-9A-HJ-NP-Z]{3,7}

Data Element Comment

ICD-10-PCS has a seven character alphanumeric code structure. Each character contains up to 34 possible values. Each

value represents a specific option for the general character definition (e.g., stomach is one of the values for the body part character). The ten digits 0-9 and the 24 letters A-H,J-N and P-Z may be used in each character. The letters O and I are not used in order to avoid confusion with the digits 0 and 1.

[Website - http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

Version 3 Changes Implemented

Added to better evaluate EMS care.

eOutcome.13 - Hospital Diagnosis

###### 

Definition

The hospital diagnosis of the patient associated with the hospital admission.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Constraints

Pattern

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

Data Element Comment

Code list is represented in ICD-10-CM: Diagnosis Codes.

[Website - http://uts.nlm.nih.gov](http://uts.nlm.nih.gov/) Product - UMLS Metathesaurus

Version 3 Changes Implemented

Added to better evaluate EMS care.

eOutcome.14 - Total ICU Length of Stay

###### 

Definition

The total number of patient days in any ICU (including all ICU episodes).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

integer

minInclusive

1

maxInclusive

400

###### 

Data Element Comment

Version 3 Changes Implemented

Added to better measure patient outcomes.

eOutcome.15 - Total Ventilator Days

###### 

Definition

The total number of patient days spend on a mechanical ventilator (excluding time in the operating room).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

integer

minInclusive

1

maxInclusive

400

###### 

Data Element Comment

Version 3 Changes Implemented

Added to better measure and define patient outcome.

eOutcome.16 - Date/Time of Hospital Discharge

###### 

Definition

The date the patient was discharged from the hospital.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 measure patient outcome.

eOutcome.17 - Outcome at Hospital Discharge

###### 

Definition

The patient's functional status at time of hospital discharge.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

4317001 No Symptoms At All

4317003 No significant disability despite symptoms; able to carry out all usual duties and activities

4317005 Slight disability; unable to carry out all previous activities, but able to look after own affairs without assistance 4317007 Moderate disability; requiring some help, but able to walk without assistance

4317009 Moderately severe disability; unable to walk without assistance and unable to attend to own bodily needs without assistance

4317011 Severe disability; bedridden, incontinent and requiring constant nursing care and attention 4317013 Dead

Data Element Comment

# eCustomResults



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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eCustomResults.03 - CorrelationID of PatientCareReport Element or Group | O |

#### eCustomResults

eCustomResults.ResultsGroup

C

eCustomResults.01 - Custom Data Element Result

M

N, L, P

0 : M

1 : M

1 : 1

M

eCustomResults.02 - Custom Element ID Referenced

eCustomResults

eCustomResults.01 - Custom Data Element Result

###### 

Definition

The actual value or values chosen (if values listed in eCustomConfiguration.06) or result (free text, Date/Time, or number) documented for the Custom Data Element

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

|  |  |  |
| --- | --- | --- |
| Attributes |  | |
| **NOT Values (NV)** |  |  |
| **Pertinent Negatives (PN)** |  |  |
| **NV**  7701001 - Not Applicable | 7701003 - Not Recorded | 7701005 - Not Reporting |
| **PN**  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 |  |
| Constraints |  |  |
| **Data Type minLength**  string 1 | **maxLength**  100000 |  |

Data Element Comment

Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the NEMSIS Version 3 standard.

eCustomResults.02 - Custom Element ID Referenced

###### 

Definition

References the CustomElementID attribute for eCustomConfiguration.CustomGroup

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

Constraints

Data Type

string

minLength

0

maxLength

255

###### 

Data Element Comment

eCustomResults.03 - CorrelationID of PatientCareReport Element or Group

###### 

Definition

References the CorrelationID attribute of an element or group in the PatientCareReport section

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

0

maxLength

255

###### 

Data Element Comment

**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

|  |  |  |
| --- | --- | --- |
| 0 : 1 | eOther.21 - Signature First Name | O |

eOther

eOther.01 - Review Requested

eOther.02 - Potential System of Care/Specialty/Registry Patient

O

C

eOther.EMSCrewMemberGroup

C

eOther.03 - Personal Protective Equipment Used

O

C

eOther.05 - Suspected EMS Work Related Exposure, Injury, or Death

N

S

R

N, L

0 : M

eOther.06 - The Type of Work-Related Injury, Death or Suspected Exposure

S

E

N, L

C

eOther.07 - Natural, Suspected, Intentional, or Unintentional Disaster

O

C

eOther.08 - Crew Member Completing this Report

S

E

N, L

eOther.FileGroup

C

eOther.09 - External Electronic Document Type

O

eOther.10 - File Attachment Type

O

eOther.11 - File Attachment Image

O

eOther.SignatureGroup

C

eOther.12 - Type of Person Signing

O

eOther.13 - Signature Reason

O

C

eOther.14 - Type Of Patient Representative

O

eOther.15 - Signature Status

O

eOther.16 - Signature File Name

O

eOther.17 - Signature File Type

O

eOther.18 - Signature Graphic

O

eOther.19 - Date/Time of Signature

O

eOther.20 - Signature Last Name

O

0 : 1

O

1. : M
2. : M

0 : M

0 : 1

O

1 : 1

0 : M

0 : 1

0 : M

0 : 1

0 : 1

0 : 1

0 : M

0 : 1

0 : M

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

0 : 1

eOther.04 - EMS Professional (Crew Member) ID

eOther

Indication of whether the PCR needs review by anyone.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E23\_01 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

An indication if the patient may meet the entry criteria for an injury or illness specific registry

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E23\_02 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

###### 

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

4502001 Airway

4502003 Burn

4502005 Cardiac/MI

4502007 CVA/Stroke

4502009 Drowning

4502011 Other

4502013 Spinal Cord Injury 4502015 STEMI/Acute Cardiac

4502017 Trauma

4502019 Traumatic Brain Injury

Data Element Comment

eOther.03 - Personal Protective Equipment Used

###### 

Definition

The personal protective equipment which was used by EMS personnel during this EMS patient contact.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E23\_03 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

4503001 Eye Protection

4503003 Gloves

4503005 Helmet 4503007 Level A Suit 4503009 Level B Suit 4503011 Level C Suit

4503013 Level D Suit (Turn out gear) 4503015 Mask-N95

4503017 Mask-Surgical (Non-Fitted)

4503019 Other

4503021 PAPR

4503023 Reflective Vest

Data Element Comment

eOther.04 - EMS Professional (Crew Member) ID

###### 

Definition

The ID number of the EMS Crew Member associated with eOther.03, eOther.05, eOther.06.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

Added to allow documentation of PPE and work related health and safety down to the individual level within each EMS crew.

Version 3 Changes Implemented

Added to better document EMS workplace health and safety issues.

###### 

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)

##### State

eOther.06 - The Type of Work-Related Injury, Death or Suspected Exposure

Definition

The type of EMS crew member work-related injury, death, or suspected exposure related to the EMS response.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E23\_06 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : M |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

CorrelationID Data Type: string

7701003 - Not Recorded

minLength: 0

7701005 - Not Reporting

**maxLength:** 255

###### 

Code List

Code Description

4506001 Death-Cardiac Arrest

4506003 Death-Injury Related

4506005 Death-Other

4506007 Exposure-Airborne Respiratory/Biological/Aerosolized Secretions 4506009 Exposure-Body Fluid Contact to Broken Skin

4506011 Exposure-Body Fluid Contact with Eye 4506013 Exposure-Body Fluid Contact with Intact Skin

4506015 Exposure-Body Fluid Contact with Mucosal Surface 4506017 Exposure-Needle Stick with Body Fluid Injection 4506019 Exposure-Needle Stick without Body Fluid Injection 4506021 Exposure-Toxin/Chemical/Hazmat

4506023 Injury-Lifting/Back/Musculoskeletal

4506025 Injury-Other

4506027 None

4506029 Other

Data Element Comment

Associated witheOther.04 (EMS Professional (Crew Member) ID).

eOther.07 - Natural, Suspected, Intentional, or Unintentional Disaster

###### 

Definition

Event caused by natural forces or Suspected and Intentional/Unintentional Disasters (terrorism).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element | E23\_04 |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

Associated Performance Measure Initiatives

Trauma

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

4507001 Biologic Agent

4507003 Building Failure

4507005 Chemical Agent

4507007 Explosive Device

4507009 Fire

4507011 Hostage Event

4507013 Mass Gathering

4507015 Mass Illness

4507017 Nuclear Agent

4507019 Radioactive Device

4507021 Secondary Destructive Device 4507023 Shooting/Sniper

4507025 Vehicular

4507027 Weather

Data Element Comment

Based on FEMA website

##### State

eOther.08 - Crew Member Completing this Report

Definition

The statewide assigned ID number of the EMS crew member which completed this patient care report

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | Yes |  | NOT Values | Yes |
| Version 2 Element | E23\_10 |  | Is Nillable | Yes |
| Usage | Recommended |  | Recurrence | 0 : 1 |

###### 

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

###### 

Constraints

Data Type

string

minLength

2

maxLength

50

###### 

Data Element Comment

If the EMS Professional has a specific ID associated with two states, the ID used would typically be based on the EMS

Agencies state license.

eOther.09 - External Electronic Document Type

###### 

Definition

Document type which has been electronically stored with PCR.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

Code List

Code Description

4509001 Other Audio Recording 4509003 Billing Information

4509005 Diagnostic Image (CT, X-ray, US, etc.) 4509007 DNR/Living Will

4509009 ECG/Lab Results

4509011 Guardianship/Power of Attorney 4509013 Other Healthcare Record 4509015 Other

4509017 Patient Identification 4509019 Patient Refusal Sheet 4509021 Other Picture/Graphic

4509025 Other Video/Movie

Data Element Comment

Added to allow an improved implementation of electronic healthcare records.

###### 

Version 3 Changes Implemented

Added to allow an improved implementation of electronic healthcare records.

The description of the file attachment stored in File Attachment Image (eOther.11).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

The description is defined as the extension of the file type. Examples of file name extensions include "doc", "jpeg", "tiff", etc.

For a list of additional extensions reference the following website(s): 3D Image formats: <http://www.fileinfo.com/filetypes/3d_image>

Raster Image formats: <http://www.fileinfo.com/filetypes/raster_image>

Vector Image formats: <http://www.fileinfo.com/filetypes/vector_image>

Video formats: <http://www.fileinfo.com/filetypes/video> Audio formats: <http://www.fileinfo.com/filetypes/audio>

Comparison of formats:

Image: <http://en.wikipedia.org/wiki/Comparison_of_image_file_formats> Audio: <http://en.wikipedia.org/wiki/Audio_file_format>

Container: <http://en.wikipedia.org/wiki/Comparison_of_container_formats>

A general list of image formats: <http://en.wikipedia.org/wiki/Image_file_formats> Mime Types: <http://en.wikipedia.org/wiki/Internet_media_type>

Version 3 Changes Implemented

Added to allow an improved implementation of electronic healthcare records.

The file that is attached electronically to the patient care report.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

base64Binary

Data Element Comment

Associated with eOther.09 (External Electronic Documents) and eOther.10 (File Attachment Type).

###### 

Version 3 Changes Implemented

Added to allow an improved implementation of electronic healthcare records.

The individual's signature associated with eOther.15 (Signature Status).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Code List

Code Description

4512001 EMS Crew Member (Other)

4512003 EMS Primary Care Provider (for this event) 4512005 Healthcare Provider

4512007 Medical Director

4512009 Non-Healthcare Provider

4512011 Online Medical Control Healthcare Practitioner 4512013 Other

4512015 Patient

4512017 Patient Representative

4512019 Witness

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document disposition and billing information.

The reason for the individuals signature.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : M |

###### 

Attributes

CorrelationID Data Type: string

**minLength:** 0

**maxLength:** 255

###### 

Code List

Code Description

4513001 HIPAA acknowledgement/Release 4513003 Permission to Treat

4513005 Release for Billing 4513007 Transfer of Patient Care 4513009 Refusal of Care

4513011 Controlled Substance, Administration 4513013 Controlled Substance, Waste 4513015 Airway Verification

4513017 Patient Belongings (Receipt) 4513019 Permission to Transport 4513021 Refusal of Transport 4513023 Other

Data Element Comment

If Patient Representative is chosen as the owner of the signature, this documents the relationship of the individual signing to the patient.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Code List

Code Description

4514001 Aunt

4514003 Brother

4514005 Daughter

4514007 Discharge Planner

4514009 Domestic Partner

4514011 Father

4514013 Friend

4514015 Grandfather

4514017 Grandmother

4514019 Guardian

4514021 Husband

4514023 Law Enforcement

4514025 MD/DO

4514027 Mother

4514029 Nurse (RN)

4514031 Nurse Practitioner (NP)

4514033 Other Care Provider (Home health, hospice, etc.) 4514035 Other

4514037 Physician's Assistant (PA) 4514039 Power of Attorney 4514041 Other Relative

4514043 Self

4514045 Sister

4514047 Son

4514049 Uncle

4514051 Wife

Data Element Comment

Required for Billing.

###### 

Version 3 Changes Implemented

Added to improve documentation on disposition and billing.

Indication that a patient or patient representative signature has been collected or attempted to be collected.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Code List

Code Description

4515001 Not Signed - Crew Called out to another call 4515003 Not Signed - Deceased

4515005 Not Signed - Due to Distress Level 4515007 Not Signed - Equipment Failure

4515009 Not Signed - In Law Enforcement Custody 4515011 Not Signed - Language Barrier

4515013 Not Signed - Mental Status/Impaired 4515015 Not Signed - Minor/Child

4515017 Not Signed - Physical Impairment of Extremities 4515019 Not Signed - Refused

4515021 Not Signed - Transferred Care/No Access to Obtain Signature 4515023 Not Signed - Unconscious

4515025 Not Signed -Visually Impaired

4515027 Physical Signature/Paper Copy Obtained 4515029 Refused

4515031 Signed

4515033 Signed-Not Patient

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document disposition and billing.

The name of the graphic file for the signature.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

string

maxLength

255

###### 

Data Element Comment

The description of the file attachment stored in Signature Graphic (eOther.18).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

string

minLength

1

maxLength

255

###### 

Data Element Comment

The description is defined as the extension of the file type. Examples of file name extensions include "doc", "jpeg", "tiff", etc.

For a list of additional extensions reference the following website(s): 3D Image formats: <http://www.fileinfo.com/filetypes/3d_image>

Raster Image formats: <http://www.fileinfo.com/filetypes/raster_image>

Vector Image formats: <http://www.fileinfo.com/filetypes/vector_image>

Video formats: <http://www.fileinfo.com/filetypes/video> Audio formats: <http://www.fileinfo.com/filetypes/audio>

Comparison of formats:

Image: <http://en.wikipedia.org/wiki/Comparison_of_image_file_formats> Audio: <http://en.wikipedia.org/wiki/Audio_file_format>

Container: <http://en.wikipedia.org/wiki/Comparison_of_container_formats>

A general list of image formats: <http://en.wikipedia.org/wiki/Image_file_formats> Mime Types: <http://en.wikipedia.org/wiki/Internet_media_type>

The graphic file for the signature.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

base64Binary

Data Element Comment

###### 

Version 3 Changes Implemented

Added to better document disposition and billing.

The date and time the signature was captured.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

dateTime

Pattern

**minInclusive**

1950-01-01T00:00:00-00:00

maxInclusive

2050-01-01T00:00:00-00:00

[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 disposition and billing.

The last name of the individual who signed the associated signature.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

string

minLength

1

maxLength

60

###### 

Data Element Comment

Version 3 Changes Implemented

Added to better document disposition and billing.

The first name of the individual associated with the signature.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| National Element | No |  | Pertinent Negatives (PN) | No |
| State Element | No |  | NOT Values | No |
| Version 2 Element |  |  | Is Nillable | No |
| Usage | Optional |  | Recurrence | 0 : 1 |

###### 

Constraints

Data Type

string

minLength

1

maxLength

50

###### 

Data Element Comment

Version 3 Changes Implemented

Added to better document disposition and billing.

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