



NEMSIS

Data Dictionary

NHTSA Version 3.0.5

EMS Data Standard

Version Date: September 27, 2011

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

NEMSIS Data Dictionary Version 3.0.5

NEMSIS Overview and Summary

This data dictionary represents 24 months of effort collaborating with the EMS industry through web-based reviews, public comment periods, focus groups, industry dialogue, topic focused projects, and consensus. The National EMS Information System Version 3.0.5 represents a revision from the existing version 2.1.1 released in 2005. Adopting a broad perspective, the initiative to move to a 3rd version of the NEMSIS data dictionary was fueled by the need to improve data quality, enhance our ability to assess EMS performance, augment the flexibility of the standard for state adoption and, prepare for our initial movement of this standard into Health Level 7 (HL7) for approval as an American National Standards Institute (ANSI) standard. At the time of this initial publication, NEMSIS Version 3.0.5 has passed several ballots within HL7 in an effort to be recognized as a federal and international healthcare information standard. Final HL7 adoption of NEMSIS Version 3.0.5 is expected in 2012. HL7 will be the permanent home for the NEMSIS standard once fully adopted and future revisions will occur through the HL7 process.

NEMSIS Version 3.0.5 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 3.0.5, 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 = *If a data element was unintentionally left blank the EMS software should auto-populate it with "Not Recorded".*
 - Not Reporting = *The data element is not collected by the EMS agency or state. This NOT value does not apply to National elements where "Usage = Required".*
- Pertinent Negative Values (PN) (#9, #14)
 - A list of Pertinent Negative Values which can be associated with a data element.
 - Not all data elements accept Pertinent Negative Values.
 - Pertinent Negative Values are documented as "an attribute" of an element. It allows the documentation of pertinent negative value in addition to the documentation of a "real" value. (*Please reference the NEMSIS White Paper describing the use of NOT Values, Pertinent Negatives, and 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".
 - Example #2 - Gunshot Wound Entry & Exit Assessment
 - If the patient was injured by a gunshot the assessment should document not only the entry but the exit of the bullet. In the abdominal assessment if "Gunshot Wound-Entry" was documented in the Right Upper Quadrant the EMS professional should be looking for an exit wound. If upon assessment of the back/spine no "Gunshot Wound-Exit" was identified then both "Gunshot Wound-Exit" and the pertinent negative value of

"Exam Finding Not Present" should be documented.

- 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
 - 8801001 - Contraindication Noted
 - 8801003 - Denied By Order
 - 8801005 - Exam Finding Not Present
 - 8801007 - Medication Allergy
 - 8801009 - Medication Already Taken
 - 8801013 - No Known Drug Allergies
 - 8801015 - None Reported
 - 8801017 - Not Performed by EMS
 - 8801019 - Refused
 - 8801021 - Unresponsive
 - 8801023 - Unable to Complete
- NV
 - 7701001 - Not Applicable
 - 7701003 - Not Recorded
 - 7701005 - Not Reporting
- Nillable xsi:nil="true"
- EmailAddressType
 - 9904001 - Personal
 - 9904003 - Work
- PhoneNumberType
 - 9913001 - Fax
 - 9913003 - Home
 - 9913005 - Mobile
 - 9913007 - Pager
 - 9913009 - Work
- VelocityUnit
 - 9921001 - Kilometers
 - 9921003 - Miles

- DistanceUnit
 - 9921001 - Kilometers
 - 9921003 - Miles
- CurrentStatus
 - A - Active
 - I - Inactive
- CurrentStatusDate
 - Date Type = DateTime
 - minInclusive = 1950-01-01T00:00:00
 - maxInclusive = 2050-01-01T00:00:00
 - Pattern =

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}
- CorrelationID
 - Date Type = String
 - minLength = 0
 - maxLength = 255

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, 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.

NEMSIS Version 3.0.5 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 3.0.5 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, Incident Location, and Procedures are now based on ICD-10.
- 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.
- 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 3.0.5 Standard.

3 eMedications.01 - Date/Time Medication Administered

4 Definition

The date/time medication administered to the patient

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

13 Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

14 Attributes

NOT Values

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

Pertinent Negatives

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

Email Address

9904001 - Personal 9904003 - Work

Phone Number

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

Current Status

A - Active I - Inactive

Current Status Date

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

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

Correlation ID

Data Type: String minLength: 0 maxLength: 255

15 Constraints

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

Pattern

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

16 Code List

Code Description

SSEE001 Value A

SSEE003 Value B

SSEE005 Value C

17 Data Element Comment

Comments for this element

18 Version 3 Changes Implemented

Version 3 Changes implemented for this element

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DEMDataset

Legend

Dataset Level: N National S State

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

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

DEMDataset

0 : M	dState - State Required Demographic Data Elements	
0 : M	dCustomConfiguration.CustomGroup	
0 : 1	dCustomConfiguration.01 - Custom Data Element Title	O
0 : 1	dCustomConfiguration.02 - Custom Definition	O
0 : 1	dCustomConfiguration.03 - EMS Custom Data Type	O
0 : 1	dCustomConfiguration.04 - EMS Custom Data Element Multiplicity	O
0 : 1	dCustomConfiguration.05 - EMS Custom Data Element Usage	O
0 : M	dCustomConfiguration.06 - EMS Custom Data Element Potential Values	O
1 : M	DemographicReport	
1 : 1	dAgency - Agency Information	
1 : 1	dContact - Contact Information	
1 : 1	dConfiguration - Configuration Information	
1 : 1	dLocation - Location Information	
1 : 1	dVehicle - Vehicle Information	
0 : 1	dPersonnel - Personnel Information	
0 : 1	dDevice - Device Information	
0 : 1	dFacility - Facility Information	
0 : 1	dCustom - Custom Element Information	

DEMDataset

EMSDataset

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

EMSDataset

1 : M	Header	
1 : 1	DemographicGroup	
1 : 1	dAgency.01 - EMS Agency Unique State ID	 M
1 : M	dAgency.02 - EMS Agency Number	 M
1 : 1	dAgency.04 - EMS Agency State	 M
1 : M	dAgency.AgencyServiceGroup	
1 : M	dAgency.06 - EMS Agency Service Area County(s)	 M
1 : 1	dAgency.09 - Primary Type of Service	 M
1 : 1	dAgency.11 - Level of Service	 M
1 : 1	dAgency.12 - Organization Status	 M
1 : 1	dAgency.13 - Organizational Type	 M
1 : 1	dAgency.25 - National Provider Identifier	 R N, L
1 : 1	ConfigurationGroup	
1 : M	dConfiguration.ProcedureGroup	
1 : 1	dConfiguration.06 - EMS Personnel Level Permitted to Perform the Procedure	 M
1 : M	dConfiguration.07 - EMS Agency Procedures	 M
1 : M	dConfiguration.MedicationGroup	
1 : 1	dConfiguration.08 - Personnel Level Permitted to Administer the Medication	 M
1 : M	dConfiguration.09 - EMS Agency Medications	 M
1 : M	dConfiguration.10 - EMS Agency Protocols	 M
0 : M	eCustomConfiguration.CustomGroup	
0 : 1	eCustomConfiguration.01 - Custom Data Element Title	 O
0 : 1	eCustomConfiguration.02 - Custom Definition	 O
0 : 1	eCustomConfiguration.03 - EMS Custom Data Type	 O
0 : 1	eCustomConfiguration.04 - EMS Custom Data Element Multiplicity	 O
0 : 1	eCustomConfiguration.05 - EMS Custom Data Element Usage	 O
0 : M	eCustomConfiguration.06 - EMS Custom Data Element Potential Values	 O
1 : M	PatientCareReport	

EMSDataset

LegendDataset Level: **N** National **S** StateUsage: **M** = Mandatory , **R** = Required , **E** = Recommended, or **O** = OptionalAttributes: **N** = Not Values, **P** = Pertinent Negatives , **L** = Nillable, and/or **C** = Correlation ID**PatientCareReport**

1 : 1	eRecord - Patient Record Information
1 : 1	eResponse - Unit Agency Information
1 : 1	eDispatch - Dispatch Information
1 : 1	eCrew - Crew Member Information
1 : 1	eTimes - Call Event Times Information
0 : 1	ePatient - Patient Information
1 : 1	ePayment - Insurance/Payment Information
1 : 1	eScene - Incident Scene Information
1 : 1	eSituation - Situation Information
1 : 1	eInjury - Injury Information
1 : 1	eArrest - Cardiac Arrest Information
1 : 1	eHistory - Patient History Information
1 : 1	eNarrative - Call Event Narrative
1 : 1	eVitals - Patient Vital Sign Information
0 : 1	eLabs - Lab Results Information
0 : 1	eExam - Patient Exam Information
1 : 1	eProtocols - Medical Protocols Information
1 : 1	eMedications - Intervention Medications Information
1 : 1	eProcedures - Intervention Procedures Information
1 : 1	eAirway - Airway Device Information
0 : 1	eDevice - Medical Device Information
1 : 1	eDisposition - Patient Disposition Information
1 : 1	eOutcome - Patient Outcome Information
0 : 1	eCustom - Custom Data Elements
1 : 1	eOther - Other Miscellaneous Information

PatientCareReport

dAgency

Legend

Dataset Level: N National S State

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

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

dAgency

1 : 1	dAgency.AgencyDataGroup	
1 : 1	dAgency.01 - EMS Agency Unique State ID	N S M
1 : M	dAgency.02 - EMS Agency Number	N S M C
0 : 1	dAgency.03 - EMS Agency Name	S E N, L
1 : 1	dAgency.04 - EMS Agency State	N S M
1 : M	dAgency.AgencyServiceGroup	C
1 : 1	dAgency.05 - EMS Agency Service Area States	N S M
1 : M	dAgency.06 - EMS Agency Service Area County(s)	N S M C
1 : M	dAgency.07 - EMS Agency Census Tracts	N S R N, L C
1 : M	dAgency.08 - EMS Agency Service Area ZIP Codes	N S M C
1 : 1	dAgency.09 - Primary Type of Service	N S M
0 : M	dAgency.10 - Other Types of Service	S E N, L C
1 : 1	dAgency.11 - Level of Service	N S M
1 : 1	dAgency.12 - Organization Status	N S M
1 : 1	dAgency.13 - Organizational Type	N S M
1 : 1	dAgency.14 - EMS Agency Organizational Tax Status	N S M
1 : M	dAgency.AgencyYearGroup	C
1 : 1	dAgency.15 - Statistical Calendar Year	N S M
1 : 1	dAgency.16 - Total Primary Service Size Area	N S R N, L
1 : 1	dAgency.17 - Total Service Area Population	N S R N, L
1 : 1	dAgency.18 - 911 EMS Call Center Volume per Year	N S R N, L
1 : 1	dAgency.19 - EMS Dispatch Volume per Year	N S R N, L
1 : 1	dAgency.20 - EMS Patient Transport Volume per Year	N S R N, L
1 : 1	dAgency.21 - EMS Patient Contact Volume per Year	N S R N, L
0 : 1	dAgency.22 - EMS Billable Calls per Year	S E N, L
0 : 1	dAgency.23 - EMS Agency Time Zone	O
0 : 1	dAgency.24 - EMS Agency Daylight Savings Time Use	O
1 : 1	dAgency.25 - National Provider Identifier	N S R N, L
1 : 1	dAgency.26 - Fire Department ID Number	N S R N, L

dAgency

[State](#)[National](#)

dAgency.01 - EMS Agency Unique State ID

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

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

[State](#)[National](#)

dAgency.02 - EMS Agency Number

Definition

The state-assigned provider number of the responding agency

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

Correlation ID

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

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).

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	50

[State](#)[National](#)

dAgency.04 - EMS Agency State

Definition

The state/territory which assigned the EMS agency number.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

Current Status

A - Active I - Inactive

Current Status Date

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

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

Constraints

Data Type	length
string	2

Data Element Comment

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

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

[State](#)[National](#)

dAgency.05 - EMS Agency Service Area States

Definition

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

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

Attributes

Current Status

A - Active I - Inactive

Current Status Date

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

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

Constraints

Data Type	length
string	2

Data Element Comment

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

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

[State](#)[National](#)

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

Current Status

A - Active I - Inactive

Current Status Date

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

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

Correlation ID

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

Constraints

Data Type string **length** 5

Data Element Comment

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

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

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 Nullable	Yes
Usage	Required	Recurrence	1 : M

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Current Status

A - Active I - Inactive

Current Status Date

Data Type: DateTime **minInclusive:** 1950-01-01T00:00:00 **maxInclusive:** 2050-01-01T00:00:00**Pattern:** [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?([+-][0-9]{2}:[0-9]{2})

Correlation ID

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

Constraints

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

Data Element Comment

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

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

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	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

Current Status

A - Active I - Inactive

Current Status Date

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

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

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Constraints

Pattern

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

Data Element Comment

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

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

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

[State](#)[National](#)

dAgency.09 - Primary Type of Service

Definition

The primary service type provided by the agency.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
9920001	911 Response (Scene) with Transport Capability
9920003	911 Response (Scene) without Transport Capability
9920005	Air Medical
9920007	Hazmat
9920009	Medical Transport (Convalescent)
9920011	Paramedic Intercept
9920013	Rescue
9920015	Specialty Care Transport

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : M

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

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

Current Status

A - Active I - Inactive

Current Status Date

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

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

Correlation ID

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

Code List

Code Description

1010001	911 Response (Scene) with Transport Capability
1010003	911 Response (Scene) without Transport Capability
1010005	Air Medical
1010007	Hazmat
1010009	Medical Transport (Convalescent)
1010011	Paramedic Intercept
1010013	Rescue
1010015	Speciality Care Transport

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.

[State](#)[National](#)

dAgency.11 - Level of Service

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

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

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.

[State](#)[National](#)

dAgency.12 - Organization Status

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code Description

1012001	Mixed
1012003	Non-Volunteer
1012005	Volunteer

Data Element Comment

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

[State](#)[National](#)

dAgency.13 - Organizational Type

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

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

Data Element Comment

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

[State](#)[National](#)

dAgency.14 - EMS Agency Organizational Tax Status

Definition

The EMS Agencies business/corporate organizational tax status

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
1014001	For Profit
1014003	Neither (Government)
1014005	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 Nullable	No
Usage	Mandatory	Recurrence	1 : 1

Constraints

Data Type	minValue	maxValue
integer	1900	2050

Data Element Comment

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

[State](#)[National](#)

dAgency.16 - Total Primary Service Size Area

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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minValue	maxValue
positiveInteger	1	1,000,000

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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minValue	maxValue
positiveInteger	1	1,000,000

Data Element Comment

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

[State](#)[National](#)

dAgency.18 - 911 EMS Call Center Volume per Year

Definition

The number of 911 EMS called per year based on last calendar year.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minValue	maxValue
positiveInteger	1	1,000,000

Data Element Comment

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

Version 3 Changes Implemented

Name Clarified with "Call Center"

[State](#)[National](#)

dAgency.19 - EMS Dispatch Volume per Year

Definition

The number of EMS dispatches per based on last 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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minValue	maxValue
positiveInteger	1	1,000,000

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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minValue	maxValue
positiveInteger	1	1,000,000

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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minValue	maxValue
positiveInteger	1	1,000,000

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minValue	maxValue
positiveInteger	1	1,000,000

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

1023001	All other time zones
1023003	GMT-04:00 Atlantic Time
1023005	GMT-05:00 Eastern Time
1023007	GMT-06:00 Central Time
1023009	GMT-07:00 Mountain Time
1023011	GMT-08:00 Pacific Time
1023013	GMT-09:00 Alaska
1023015	GMT-10:00 Hawaii
1023017	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.

[State](#)[National](#)

dAgency.25 - National Provider Identifier

Definition

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

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

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	length
string	10

[State](#)[National](#)

dAgency.26 - Fire Department ID Number

Definition

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

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

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minLength	maxLength
string	1	20

Data Element Comment

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

Version 3 Changes Implemented

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

dContact

Legend

Dataset Level: N National S State

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

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

dContact

1 : M	dContact.ContactInfoGroup	C
0 : 1	dContact.01 - Agency Contact Type	S E N, L
0 : 1	dContact.02 - Agency Contact Last Name	S E N, L
0 : 1	dContact.03 - Agency Contact First Name	S E N, L
0 : 1	dContact.04 - Agency Contact Middle Name/Initial	O
0 : 1	dContact.05 - Agency Contact Address	S E N, L
0 : 1	dContact.06 - Agency Contact City	S E N, L
0 : 1	dContact.07 - Agency Contact State	S E N, L
0 : 1	dContact.08 - Agency Contact ZIP Code	S E N, L
0 : 1	dContact.09 - Agency Contact Country	O
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
0 : 1	dContact.12 - EMS Agency Contact Web Address	S E N, L
1 : M	dContact.EMSMedicalDirectorGroup	C
0 : 1	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
0 : 1	dContact.15 - Medical Director Compensation	O
0 : 1	dContact.16 - EMS Medical Director Fellowship Trained Status	O

dContact

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

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 (Not Listed)

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	1	50

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	1	35

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	minLength	maxLength
string	1	25

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Street Address 2

Data Type: String **MinLength:** 2 **MaxLength:** 55

Constraints

Data Type string	minLength 2	maxLength 55
----------------------------	-----------------------	------------------------

Data Element Comment

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

State

dContact.06 - Agency Contact City

Definition

The city of the Agency contact's mailing address.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D02_05	Is Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type

positiveInteger

Data Element Comment

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

Based on GNIS Civil Code or Populated Place code.

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

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	length
string	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

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

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/>
 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

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : M

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Phone Number

9913001 - Fax

9913003 - Home

9913005 - Mobile

9913007 - Pager

9913009 - Work

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Constraints

Pattern

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

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : M

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Email Address

9904001 - Personal

9904003 - Work

Correlation ID**Data Type:** String**minLength:** 0**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.

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	3	255

Data Element Comment

The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency. Web Address is not required for other contact types.

State

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**

7701003 - Not Recorded

7701001 - Not Applicable

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.

State

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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Correlation ID

Data Type: String

minLength: 0

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 NEMESIS 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

Associated with EMS Medical Directors only.

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

dConfiguration

Legend

Dataset Level: N National S State

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

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

dConfiguration

1 : M	dConfiguration.ConfigurationGroup	C
1 : 1	dConfiguration.01 - State Associated with the Certification/Licensure Levels	N S M
1 : M	dConfiguration.02 - State Certification Licensure Levels	N S M C
1 : M	dConfiguration.03 - Procedures Permitted by the State	N S R N, L C
1 : M	dConfiguration.04 - Medications Permitted by the State	N S R N, L C
1 : M	dConfiguration.05 - Protocols Permitted by the State	N S R N, L C
1 : M	dConfiguration.ProcedureGroup	C
1 : 1	dConfiguration.06 - EMS Certification Levels Permitted to Perform Each Procedure	N S M
1 : M	dConfiguration.07 - EMS Agency Procedures	N S M C
1 : M	dConfiguration.MedicationGroup	C
1 : 1	dConfiguration.08 - EMS Certification Level Permitted to Administer Each Medication	N S M
1 : M	dConfiguration.09 - EMS Agency Medications	N S M C
1 : M	dConfiguration.10 - EMS Agency Protocols	N S M C
1 : M	dConfiguration.11 - EMS Agency Specialty Service Capability	N S M C
0 : 1	dConfiguration.12 - Billing Status	O
1 : 1	dConfiguration.13 - Emergency Medical Dispatch (EMD) Provided to EMS Agency Service Area	N S M C
0 : M	dConfiguration.14 - EMD Vendor	S E N, L C
1 : M	dConfiguration.15 - Patient Monitoring Capability(s)	N S M C
1 : M	dConfiguration.16 - Crew Call Sign	N S M
0 : 1	dConfiguration.17 - Dispatch Center (CAD) Name or ID	O

dConfiguration

[State](#)[National](#)

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

Definition

The state associated with the state certification/licensure levels.

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

Constraints

Data Type	length
string	2

Data Element Comment

Associated with the state (dAgency.04 - EMS Agency State). Since multiple states can exist, this information is multiple entry with the other items in the section associated with each of the states.

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

[State](#)[National](#)

dConfiguration.02 - State Certification Licensure Levels

Definition

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

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

Attributes

Correlation ID

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
9911007	2009 Paramedic
9911009	EMT-Basic
9911011	EMT-Intermediate
9911013	EMT-Paramedic
9911015	First Responder
9911017	Nurse
9911019	Other
9911021	Physician

Data Element Comment

The new 2009 Education Levels have been added.

[State](#)[National](#)

dConfiguration.03 - Procedures Permitted by the State

Definition

A list of all of the procedures permitted by the EMS Agency's licensing state based on ICD-10 Procedure Codes.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded 7701001 - Not Applicable

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Constraints

Pattern

[A-Z]{1}[0-9]{2}([A-Za-z0-9]{1,4})?

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 each of the states (dAgency.04). 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 ICD-10 PCS procedure codes based on medical direction and their own need.

Code list is represented in ICD-10-PCS: Procedure Codes, see suggested NEMESIS list of procedure codes.

ICD-10-PCS

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

Product - UMLS Metathesaurus

dConfiguration.04 - Medications Permitted by the State

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded 7701001 - Not Applicable

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Constraints

Data Type
positiveInteger

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 each of the states (dAgency.04).

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. See suggested NEMSIS list of medication codes.

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

[State](#)[National](#)

dConfiguration.05 - Protocols Permitted by the State

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded 7701001 - Not Applicable

Correlation ID

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
9914039	Exposure-Carbon Monoxide/Smoke Inhalation
9914041	Exposure-Chemicals to Eye
9914043	Exposure-Cyanide
9914045	Exposure-Explosive/ Blast Injury
9914047	Exposure-Nerve Agents
9914049	Exposure-Radiologic Agents
9914051	General-Back Pain
9914053	General-Behavioral/Patient Restraint
9914055	General-Dental Problems
9914057	General-Epistaxis
9914059	General-Fever
9914061	General-Individualized Patient Protocol

9914063 General-Indwelling Medical Devices/Equipment
9914065 General-IV Access
9914067 General-Medical Device Malfunction
9914069 General-Pain Control
9914071 General-Spinal Immobilization/Clearance
9914073 General-Universal Patient Care/ Initial Patient Contact
9914075 Injury-Amputation
9914077 Injury-Bites and Envenomations-Land
9914079 Injury-Bites and Envenomations-Marine
9914081 Injury-Bleeding/ Hemorrhage Control
9914083 Injury-Burns-Thermal
9914085 Injury-Cardiac Arrest
9914087 Injury-Crush Syndrome
9914089 Injury-Diving Emergencies
9914091 Injury-Drowning/Near Drowning
9914093 Injury-Electrical Injuries
9914095 Injury-Extremity
9914097 Injury-Eye
9914099 Injury-Head
9914101 Injury-Impaled Object
9914103 Injury-Multisystem
9914105 Injury-Spinal Cord
9914107 Medical-Abdominal Pain
9914109 Medical-Allergic Reaction/Anaphylaxis
9914111 Medical-Altered Mental Status
9914113 Medical-Bradycardia
9914115 Medical-Cardiac Chest Pain
9914117 Medical-Diarrhea
9914119 Medical-Hyperglycemia
9914121 Medical-Hypertension
9914123 Medical-Hypoglycemia/Diabetic Emergency
9914125 Medical-Hypotension/Shock (Non-Trauma)
9914127 Medical-Influenza-Like Illness/ Upper Respiratory Infection
9914129 Medical-Nausea/Vomiting
9914131 Medical-Newborn/ Neonatal Resuscitation
9914133 Medical-Overdose/Poisoning/Toxic Ingestion
9914135 Medical-Pulmonary Edema/CHF
9914137 Medical-Respiratory Distress/Asthma/COPD/Croup/Reactive Airway
9914139 Medical-Seizure
9914141 Medical-ST-Elevation Myocardial Infarction (STEMI)
9914143 Medical-Stroke/TIA
9914145 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)
9914147 Medical-Syncope
9914149 Medical-Ventricular Tachycardia (With Pulse)
9914151 Not Done
9914153 OB/GYN-Childbirth/Labor/Delivery
9914155 OB/GYN-Eclampsia
9914157 OB/GYN-Gynecologic Emergencies
9914159 OB/GYN-Pregnancy Related Emergencies
9914161 OB/GYN-Post-partum Hemorrhage
9914163 Other

Data Element Comment

This data element should capture all of the protocols permitted by the state for any/all levels of EMS personnel in the state. This is associated with each of the states (dAgency.04).

States can customize protocols but where possible state protocols should map to these uniform codes. Additional protocols should be coded using text values or numbers between 100 and 10,000.

The list is defined by the NASEMSO State Medical Directors.

Version 3 Changes Implemented

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

[State](#)[National](#)

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

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

Data Element Comment

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

[State](#)[National](#)

dConfiguration.07 - EMS Agency Procedures

Definition

A list of all procedures that the agency has implemented and available for use by any/all EMS certification levels based on ICD-10 Procedure Codes.

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

Correlation ID

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

Constraints

Pattern

[A-Z]{1}[0-9]{2}([A-Za-z0-9]{1,4})?

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 ICD-10-PCS 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 ICD-10-PCS: Procedure Codes, see suggested NEMSIS list of procedure codes.

ICD-10-PCS

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

Product - UMLS Metathesaurus

[State](#)[National](#)

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

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

Data Element Comment

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

[State](#)[National](#)

dConfiguration.09 - EMS Agency Medications

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

Correlation ID

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

Constraints

Data Type
positiveInteger

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. See suggested NEMESIS list of medication codes.

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

[State](#)[National](#)

dConfiguration.10 - EMS Agency Protocols

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

Correlation ID

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
9914039	Exposure-Carbon Monoxide/Smoke Inhalation
9914041	Exposure-Chemicals to Eye
9914043	Exposure-Cyanide
9914045	Exposure-Explosive/ Blast Injury
9914047	Exposure-Nerve Agents
9914049	Exposure-Radiologic Agents
9914051	General-Back Pain
9914053	General-Behavioral/Patient Restraint
9914055	General-Dental Problems
9914057	General-Epistaxis
9914059	General-Fever
9914061	General-Individualized Patient Protocol
9914063	General-Indwelling Medical Devices/Equipment
9914065	General-IV Access

9914067 General-Medical Device Malfunction
9914069 General-Pain Control
9914071 General-Spinal Immobilization/Clearance
9914073 General-Universal Patient Care/ Initial Patient Contact
9914075 Injury-Amputation
9914077 Injury-Bites and Envenomations-Land
9914079 Injury-Bites and Envenomations-Marine
9914081 Injury-Bleeding/ Hemorrhage Control
9914083 Injury-Burns-Thermal
9914085 Injury-Cardiac Arrest
9914087 Injury-Crush Syndrome
9914089 Injury-Diving Emergencies
9914091 Injury-Drowning/Near Drowning
9914093 Injury-Electrical Injuries
9914095 Injury-Extremity
9914097 Injury-Eye
9914099 Injury-Head
9914101 Injury-Impaled Object
9914103 Injury-Multisystem
9914105 Injury-Spinal Cord
9914107 Medical-Abdominal Pain
9914109 Medical-Allergic Reaction/Anaphylaxis
9914111 Medical-Altered Mental Status
9914113 Medical-Bradycardia
9914115 Medical-Cardiac Chest Pain
9914117 Medical-Diarrhea
9914119 Medical-Hyperglycemia
9914121 Medical-Hypertension
9914123 Medical-Hypoglycemia/Diabetic Emergency
9914125 Medical-Hypotension/Shock (Non-Trauma)
9914127 Medical-Influenza-Like Illness/ Upper Respiratory Infection
9914129 Medical-Nausea/Vomiting
9914131 Medical-Newborn/ Neonatal Resuscitation
9914133 Medical-Overdose/Poisoning/Toxic Ingestion
9914135 Medical-Pulmonary Edema/CHF
9914137 Medical-Respiratory Distress/Asthma/COPD/Croup/Reactive Airway
9914139 Medical-Seizure
9914141 Medical-ST-Elevation Myocardial Infarction (STEMI)
9914143 Medical-Stroke/TIA
9914145 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)
9914147 Medical-Syncope
9914149 Medical-Ventricular Tachycardia (With Pulse)
9914151 Not Done
9914153 OB/GYN-Childbirth/Labor/Delivery
9914155 OB/GYN-Eclampsia
9914157 OB/GYN-Gynecologic Emergencies
9914159 OB/GYN-Pregnancy Related Emergencies
9914161 OB/GYN-Post-partum Hemorrhage
9914163 Other

Data Element Comment

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

State and Local entities can customize protocols but where possible local protocols should map to these uniform codes. Additional protocols should be coded using text values or numbers between 100 and 10,000.

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 Nullable	No
Usage	Mandatory	Recurrence	1 : M

Attributes

Correlation ID

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	Tactical EMS
1211023	Trench / Confined Space Rescue
1211025	Urban Search and Rescue (USAR)
1211027	Vehicle Extrication
1211029	Veterinary Medical Assistance Team (VMAT)
1211031	Water or Ice Related Rescue (Incl Swift Water)
1211033	Wilderness Search and Rescue

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

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 Nullable	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 Nullable	Yes
Usage	Recommended	Recurrence	0 : M

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Constraints

Data Type	minLength	maxLength
string	3	255

[State](#)[National](#)

dConfiguration.15 - Patient Monitoring Capability(s)

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

Correlation ID

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 NEMESIS 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 Nullable	No
Usage	Mandatory	Recurrence	1 : M

Constraints

Data Type	minLength	maxLength
string	1	50

dConfiguration.17 - Dispatch Center (CAD) 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	minLength	maxLength
string	2	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.

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

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

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

dLocation

0 : M	dLocation.LocationGroup	C
0 : 1	dLocation.01 - EMS Location Type	O
0 : 1	dLocation.02 - EMS Location Name	O
0 : 1	dLocation.03 - EMS Location Number	O
0 : 1	dLocation.04 - EMS Location GPS	O
0 : 1	dLocation.05 - EMS Location US National Grid Coordinates	O
0 : 1	dLocation.06 - EMS Location Address	O
0 : 1	dLocation.07 - EMS Location City	O
0 : 1	dLocation.08 - EMS Location State	O
0 : 1	dLocation.09 - EMS Station or Location ZIP Code	O
0 : 1	dLocation.10 - EMS Location County	O
0 : 1	dLocation.11 - EMS Location Country	O
0 : M	dLocation.12 - EMS Location Phone Number	O C

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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Code List

Code Description

- | | |
|---------|-------------------------|
| 1301001 | EMS Agency Headquarters |
| 1301003 | EMS Staging Area |
| 1301005 | EMS Station |
| 1301007 | Other (Not Listed) |

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	minLength	maxLength
string	2	50

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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	1	50

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

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

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][0-9][R,S,T,U][ABCDEFGHIJKLMNPQRSTUVWXYZ][ABCDEFGHIJKLMNPQRSTUVWXYZ][0-9]{8}

Data Element Comment

For more information go to 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

Constraints

Data Type	minLength	maxLength
string	2	55

dLocation.07 - EMS Location City

Definition

The city of the EMS Location.

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

Constraints

Data Type

positiveInteger

Data Element Comment

Based on GNIS Civil Code or Populated Place code.

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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type string **length** 2

Data Element Comment

Based on the ANSI Code.

ANSI Country Codes (ISO 3166) 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/>
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

Data Type string **length** 5

Data Element Comment

County codes are based on ISO/ANSI codes. A 5-digit code based on state (2-digits) and county (5-digit).

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

Phone Number

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

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Constraints

Pattern

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

dVehicle

Legend

Dataset Level: N National S State

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

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

dVehicle

1 : M	dVehicle.VehicleGroup	C
0 : 1	dVehicle.01 - Unit/Vehicle Number	S E N, L
0 : 1	dVehicle.02 - Vehicle Identification Number	O
0 : 1	dVehicle.03 - EMS Unit Call Sign	O
0 : 1	dVehicle.04 - Vehicle Type	S E N, L
0 : M	dVehicle.VehicleCertificationLevelsGroup	C
0 : 1	dVehicle.05 - Crew State Certification/Licensure Levels	O
0 : 1	dVehicle.06 - Number of Each EMS Personnel Level on Normal 911 Ambulance Response	S
0 : 1	dVehicle.07 - Number of Each EMS Personnel Level on Normal 911 Response (Non-Transport) Vehicle	O
0 : 1	dVehicle.08 - Number of Each EMS Personnel Level on Normal Medical (Non-911) Transport Ambulance	S
0 : 1	dVehicle.09 - Vehicle Initial Cost	O
0 : 1	dVehicle.10 - Vehicle Model Year	S E N, L
0 : M	dVehicle.YearGroup	C
0 : 1	dVehicle.11 - Year Miles/Kilometers Hours Accrued	O
0 : 1	dVehicle.12 - Annual Vehicle Hours	O
0 : 1	dVehicle.13 - Annual Vehicle Miles/Kilometers	O

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	50

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	minLength	maxLength
string	1	17

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Code List

Code	Description
1404001	Ambulance
1404003	ATV
1404005	Bicycle
1404007	Fire Truck
1404009	Fixed Wing
1404011	Motorcycle
1404013	Other
1404015	Personal Vehicle
1404017	Quick Response Vehicle (Non-Transport Vehicle other than Fire Truck)
1404019	Rescue
1404021	Rotor Craft
1404023	Snow Vehicle
1404025	Watercraft

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 Nullable	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
9917007	2009 Paramedic
9917009	First Responder
9917011	EMT-Basic
9917013	EMT-Intermediate
9917015	EMT-Paramedic
9917017	Nurse
9917019	Physician

Data Element Comment

The new 2009 EMS Educational Levels have been added.

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	minValue	maxValue
positiveInteger	1	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.04 (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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minValue	maxValue
positiveInteger	1	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.04 (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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minValue	maxValue
positiveInteger	1	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.04 (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	minValue	maxValue
positiveInteger	1	10,000,000

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minValue	maxValue
integer	1900	2050

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	minValue	maxValue
integer	1900	2050

Data Element Comment

Multiple entry to allow multiple years to be stored.

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	minValue	maxValue
positiveInteger	1	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

Distance Unit

9921001 - Kilometers per Hour 9921003 - Miles per Hour

Constraints

Data Type	totalDigits	fractionDigits
decimal	7	1

Data Element Comment

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

dPersonnel

Legend

Dataset Level: N National S State

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

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

dPersonnel

1 : M	dPersonnel.PersonnelGroup	C
0 : 1	dPersonnel.NameGroup	
0 : 1	dPersonnel.01 - EMS Personnel's Last Name	S O
0 : 1	dPersonnel.02 - EMS Personnel's First Name	S O
0 : 1	dPersonnel.03 - EMS Personnel's Middle Name/Initial	S O
0 : 1	dPersonnel.AddressGroup	
0 : 1	dPersonnel.04 - EMS Personnel's Mailing Address	O
0 : 1	dPersonnel.05 - EMS Personnel's City of Residence	O
0 : 1	dPersonnel.06 - EMS Personnel's State	O
0 : 1	dPersonnel.07 - EMS Personnel's ZIP Code	O
0 : 1	dPersonnel.08 - EMS Personnel's Country	O
0 : M	dPersonnel.09 - EMS Personnel's Phone Number	O C
0 : M	dPersonnel.10 - EMS Personnel's Email Address	O C
0 : 1	dPersonnel.11 - EMS Personnel's Date of Birth	S E N, L
0 : 1	dPersonnel.12 - EMS Personnel's Gender	S E N, L
0 : M	dPersonnel.13 - EMS Personnel's Race	S E N, L C
0 : 1	dPersonnel.14 - EMS Personnel's Citizenship	O
0 : 1	dPersonnel.15 - EMS Personnel's Highest Educational Degree	O
0 : M	dPersonnel.16 - EMS Personnel's Degree Subject/Field of Study	O C
0 : M	dPersonnel.17 - EMS Personnel's Motor Vehicle License Type	O C
0 : M	dPersonnel.ImmunizationsGroup	C
0 : 1	dPersonnel.18 - EMS Personnel's Immunization Status	O
0 : 1	dPersonnel.19 - EMS Personnel's Immunization Year	O
0 : M	dPersonnel.20 - EMS Personnel's Foreign Language Ability	O C
0 : 1	dPersonnel.21 - EMS Personnel's Agency ID Number	O
1 : M	dPersonnel.LicensureGroup	C
0 : 1	dPersonnel.22 - EMS Personnel's State of Licensure	S E N, L
0 : 1	dPersonnel.23 - EMS Personnel's State's Licensure ID Number	S E N, L
0 : 1	dPersonnel.24 - EMS Personnel's State EMS Certification Licensure Level	S E N, L
0 : 1	dPersonnel.25 - EMS Personnel's State EMS Current Certification Date	O
0 : 1	dPersonnel.26 - EMS Personnel's Initial State's Licensure Issue Date	O
0 : 1	dPersonnel.27 - EMS Personnel's Current State's Licensure Expiration Date	O

0 : 1	dPersonnel.28 - National Registry Credentialaed	O
0 : 1	dPersonnel.29 - National Registry Certification Level	O
0 : 1	dPersonnel.30 - National Registry Certification 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 Professional's Practice Level	O
0 : 1	dPersonnel.39 - Date of Professional's Certification or Licensure for Agency	O

dPersonnel

State

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	No
Version 2 Element	D08_01	Is Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	1	50

State

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	No
Version 2 Element	D08_03	Is Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	1	35

State

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	No
Version 2 Element	D08_02	Is Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	1	25

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

Constraints

Data Type	minLength	maxLength
string	2	55

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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type

positiveInteger

Data Element Comment

Based on GNIS Civil Code or Populated Place code.

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

Data Type string **length** 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/>
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

Phone Number

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

Correlation ID

Data Type: String minLength: 0

maxLength: 255

Constraints

Pattern

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

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

Email Address

9904001 - Personal 9904003 - Work

Correlation ID

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

Constraints

Data Type string	minLength 3	maxLength 100
----------------------------	-----------------------	-------------------------

Pattern

.+@.+

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minValue	maxValue
date	1900-01-01	2050-01-01

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Code List

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

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : M

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Correlation ID**Data Type:** String**minLength:** 0**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: <http://www.omhrc.gov/templates/browse.aspx?lvl=2&lvIID=172>. 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 Nullable	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

Correlation ID

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

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 Nullable	No
Usage	Optional	Recurrence	0 : M

Attributes

Correlation ID

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 (Not Listed)
1517017	Pilot-Rotor Wing Air
1517019	Pilot-Fixed Wing Air
1517021	Snowmobile
1517023	Taxi and Livery Class E

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 (Diphtheria, Tetanus, Pertussis)
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	Shingle
9910041	Small Pox
9910043	Tetanus
9910045	Tuberculosis
9910047	Typhoid
9910049	Varicella (Chickenpox)
9910051	Yellow Fever

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	minValue	maxValue
integer	1900	2050

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

Correlation ID

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
hmh	Miao (Hmong)
mkh	Mon-Khmer (Cambodian)
nav	Navaho
nno	Norwegian
pan	Punjabi
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

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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	2	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.

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	length
string	2

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	50

State

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**

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

Data Element Comment

Added 2009 EMS Education Levels.

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	minValue	maxValue
date	1900-01-01	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	minValue	maxValue
date	1900-01-01	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	minValue	maxValue
date	1900-01-01	2050-01-01

dPersonnel.28 - National Registry Credentialaled

Definition

Indication of a current National Registry Credential for the level of certification/licensure in (dPersonnel.27) as of the date of the State's EMS current certification date (dPersonnel.28).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D08_16	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

Code List

Code Description

9923001	No
9923003	Yes

dPersonnel.29 - 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

- | | |
|---------|--|
| 1529901 | 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 |

dPersonnel.30 - National Registry Certification Date

Definition

The date 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

Constraints

Data Type	minValue	maxValue
date	1900-01-01	2050-01-01

State

dPersonnel.31 - EMS Personnel's Employment Status**Definition**

The personnel's employment status for this agency.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D07_03	Is Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

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

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minValue	maxValue
date	1900-01-01	2050-01-01

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	minValue	maxValue
date	1900-01-01	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.

State

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

Definition

The individual's 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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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 (Not Listed)
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.36 (EMS Personnel's Other Job Responsibilities).

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : M

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Code List

Code	Description
1535001	Administrator/Manager
1535003	Educator/Preceptor
1535005	Fire Suppression
1535007	First-Line Supervisor
1535009	Law Enforcement (Police, Deputy, etc.)
1535011	Other (Not Listed)
1535013	Patient Care Provider

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	minValue	maxValue
integer	0	80

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	minValue	maxValue
date	1900-01-01	2050-01-01

Data Element Comment

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

dPersonnel.38 - EMS Professional'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

9917001	2009 Advanced Emergency Medical Technician (AEMT)
9917003	2009 Emergency Medical Responder (EMR)
9917005	2009 Emergency Medical Technician
9917007	2009 Paramedic
9917009	First Responder
9917011	EMT-Basic
9917013	EMT-Intermediate
9917015	EMT-Paramedic
9917017	Nurse
9917019	Physician

dPersonnel.39 - Date of Professional'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	minValue	maxValue
date	1900-01-01	2050-01-01

dDevice

Legend

Dataset Level: N National S State

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

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

dDevice

0 : M	dDevice.DeviceGroup	C
0 : 1	dDevice.01 - Medical Device Serial Number	O
0 : 1	dDevice.02 - Device Name or ID	O
0 : M	dDevice.03 - Medical Device Type	O C
0 : 1	dDevice.04 - Device Manufacturer	O
0 : 1	dDevice.05 - Model Number	O
0 : 1	dDevice.06 - Device Purchase Date	O

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	minLength	maxLength
string	2	50

dDevice.02 - 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	minLength	maxLength
string	2	50

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

Correlation ID

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 (Not Listed)
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 - 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	minLength	maxLength
string	2	50

dDevice.05 - 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	minLength	maxLength
string	2	50

dDevice.06 - 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	minValue	maxValue
date	1900-01-01	2050-01-01

dFacility

Legend

Dataset Level: N National S State

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

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

dFacility

0 : M	dFacilityGroup	C
0 : 1	dFacility.01 - Type of Facility	O
0 : M	dFacility.FacilityGroup	C
0 : 1	dFacility.02 - Facility Name	O
0 : 1	dFacility.03 - Facility Location Code	O
0 : 1	dFacility.04 - Hospital Designations	O
0 : 1	dFacility.05 - Facility National Provider Identifier	O
0 : 1	dFacility.06 - Facility Room, Suite, or Apartment	O
0 : 1	dFacility.07 - Facility Street Address	O
0 : 1	dFacility.08 - Facility City	O
0 : 1	dFacility.09 - Facility State	O
0 : 1	dFacility.10 - Facility ZIP Code	O
0 : 1	dFacility.11 - Facility County	O
0 : 1	dFacility.12 - Facility Country	O
0 : 1	dFacility.13 - Facility GPS Location	O
0 : 1	dFacility.14 - Facility US National Grid Coordinates	O

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		Is Nullable	No
Usage	Optional	Recurrence	0 : 1

Code List

Code Description

1701001	Assisted Living Facility
1701003	Clinic
1701005	Hospital
1701007	Nursing Home
1701009	Other (Not Listed)
1701011	Urgent Care

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		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type string	minLength 2	maxLength 60
----------------------------	-----------------------	------------------------

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		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	2	50

Data Element Comment

The information contained within this element could be used to populate eScene.09 (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 : 1

Code List

Code Description

9908001	Hospital (General)
9908003	Trauma Center Level 1
9908005	Trauma Center Level 2
9908007	Trauma Center Level 3
9908009	Trauma Center Level 4
9908011	Trauma Center Level 5
9908013	Rural Access Hospital
9908015	STEMI Center (24/7)
9908017	Stroke Center
9908019	Burn Center
9908021	Pediatric Center
9908023	Neonatal Center
9908025	Rehab Center

Data Element Comment

To be documented when in eDisposition.21 "Hospital" is selected .

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 : 1

Constraints

Data Type string **length** 10

dFacility.06 - Facility Room, Suite, or Apartment

Definition

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

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	minLength	maxLength
string	1	15

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

Street Address 2

Data Type: String **MinLength:** 2 **MaxLength:** 55

Constraints

Data Type string	minLength 2	maxLength 55
----------------------------	-----------------------	------------------------

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.

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

Data Element Comment

Based on GNIS Civil Code or Populated Place code. 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.

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

Data Type string **length** 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/>
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

Data Type string **length** 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

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

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][0-9][R,S,T,U][ABCDEFGHIJKLMNPQRSTUVWXYZ][ABCDEFGHIJKLMNPQRSTUVWXYZ][0-9]{8}

Data Element Comment

Standard found at 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.

dCustomConfiguration

Legend

Dataset Level: N National S State

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

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

dCustomConfiguration

0 : M	dCustomConfiguration.CustomGroup	C
0 : 1	dCustomConfiguration.01 - Custom Data Element Title	O
0 : 1	dCustomConfiguration.02 - Custom Definition	O
0 : 1	dCustomConfiguration.03 - Custom Data Type	O
0 : 1	dCustomConfiguration.04 - Custom Data Element Recurrence	O
0 : 1	dCustomConfiguration.05 - Custom Data Element Usage	O
0 : M	dCustomConfiguration.06 - Custom Data Element Potential Values	O

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 NEMESIS Version 3.

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

Constraints

Data Type	minLength	maxLength
string	2	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 NEMESIS 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	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	0	255

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	Optional	Recurrence	0 : 1

Code List

Code Description

9902001	Binary
9902003	Date/Time
9902005	Integer/Number
9902007	Other (Not Listed)
9902009	Text/String

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	Optional	Recurrence	0 : 1

Code List

Code Description

9923001	No
9923003	Yes

Version 3 Changes Implemented

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

dCustomConfiguration.05 - Custom Data Element Usage

Definition

The Usage (Mandatory, Required, 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	Optional	Recurrence	0 : 1

Code List

Code Description

- | | |
|---------|-----------|
| 9903001 | Mandatory |
| 9903003 | Required |
| 9903005 | Optional |

Data Element Comment

Mandatory = Must be completed and will not accept null values

Required = Must be completed but 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 NEMESIS 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 Nullable	No
Usage	Optional	Recurrence	0 : M

Constraints

Data Type	minLength	maxLength
string	1	100

Version 3 Changes Implemented

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

dCustomResults

Legend

Dataset Level: N National S State

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

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

dCustomResults

0 : M	dCustomResults.ResultsGroup	C
0 : 1	dCustomResults.01 - Custom Data Element Result	O
0 : 1	dCustomResults.02 - Custom Data Element Reference	O
0 : 1	dCustomResults.03 - Custom Correlation ID	O

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)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	1	100000

Data Element Comment

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

dCustomResults.02 - Custom Data Element Reference

Definition

Refers to the data element being extended by referencing the correlationID attribute in the element dCustomConfiguration.CustomGroup

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	minLength	maxLength
string	1	100000

dCustomResults.03 - Custom Correlation ID

Definition

Correlation id used to map back to set of other elements in other sections.

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	minLength	maxLength
string	1	100000

eRecord

Legend

Dataset Level: N National S State

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

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

eRecord

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

eRecord

[State](#)[National](#)

eRecord.01 - Patient Care Report Number

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Data Type	minLength	maxLength
string	3	32

[State](#)[National](#)

eRecord.02 - Software Creator

Definition

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

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

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

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

[State](#)[National](#)

eRecord.03 - Software Name

Definition

The name of the application used to create this record.

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

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

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

[State](#)[National](#)

eRecord.04 - Software Version

Definition

The version of the application used to create this record.

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

Constraints

Data Type	minLength	maxLength
string	1	50

eResponse

Legend

Dataset Level: N National S State

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

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

eResponse

1 : 1	eResponse.AgencyGroup						
1 : 1	eResponse.01 - EMS Agency Number		N	S	M		
0 : 1	eResponse.02 - EMS Agency Name		S	E	N, L		
1 : 1	eResponse.03 - Incident Number		N	S	R	N, L	
1 : 1	eResponse.04 - EMS Response Number		N	S	R	N, L	
1 : 1	eResponse.ServiceGroup						
1 : 1	eResponse.05 - Type of Service Requested		N	S	M		
0 : 1	eResponse.06 - Standby Purpose		O				
1 : 1	eResponse.07 - Primary Role of the Unit		N	S	M		
1 : M	eResponse.08 - Type of Dispatch Delay		N	S	R	N, L	C
1 : M	eResponse.09 - Type of Response Delay		N	S	R	N, L	C
1 : M	eResponse.10 - Type of Scene Delay		N	S	R	N, L	C
1 : M	eResponse.11 - Type of Transport Delay		N	S	R	N, L	C
1 : M	eResponse.12 - Type of Turn-Around Delay		N	S	R	N, L	C
1 : 1	eResponse.13 - EMS Vehicle (Unit) Number		N	S	M		
1 : 1	eResponse.14 - EMS Unit Call Sign		N	S	M		
0 : 1	eResponse.15 - Vehicle Dispatch Location		O				
0 : 1	eResponse.16 - Vehicle Dispatch GPS Location		O				
0 : 1	eResponse.17 - Vehicle Dispatch US National Grid Location		O				
0 : 1	eResponse.18 - Beginning Odometer Reading of Responding Vehicle		S	O			
0 : 1	eResponse.19 - On-Scene Odometer Reading of Responding Vehicle		S	O			
0 : 1	eResponse.20 - Patient Destination Odometer Reading of Responding Vehicle		S	O			
0 : 1	eResponse.21 - Ending Odometer Reading of Responding Vehicle		S	O			
1 : 1	eResponse.22 - Response Mode to Scene		N	S	M		
1 : M	eResponse.23 - Additional Response Mode Descriptors		N	S	R	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 Nullable	No
Usage	Mandatory	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Data Type	minLength	maxLength
string	1	15

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	50

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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minLength	maxLength
string	3	32

Data Element Comment

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

[State](#)[National](#)

eResponse.04 - EMS Response Number

Definition

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

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

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minLength	maxLength
string	3	32

[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 incident.

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 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 (Not Listed)
- 2206021 Public Safety Support

Data Element Comment

Added to document the reason for Standby and 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 incident.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
2207001	Air Transport
2207003	Ground Transport
2207005	Non-Transport (Care or Assistance)
2207007	Rescue
2207009	Supervisor (Administrative Only)

Data Element Comment

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

[State](#)[National](#)

eResponse.08 - Type of Dispatch Delay

Definition

The dispatch delays, if any, associated with the dispatch of the EMS unit to the patient encounter

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

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Code List

Code Description

2208001	Caller (Uncooperative)
2208003	Diversion (of previous unit)
2208005	High Call Volume
2208007	Language Barrier
2208009	Location (Inability to Obtain)
2208011	No EMS Vehicles (Units) Available
2208013	None/No Delay
2208015	Other (Not Listed)
2208017	Scene Safety (Not Secure for EMS)
2208019	Technical Failure (Computer, Phone etc.)

[State](#)[National](#)

eResponse.09 - Type of Response Delay

Definition

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

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

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Code List

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

[State](#)[National](#)

eResponse.10 - Type of Scene Delay

Definition

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

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

7701003 - Not Recorded 7701001 - Not Applicable

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Code List

Code	Description
2210001	Access Unavailable
2210003	Crowd
2210005	Directions/Unable to Locate
2210007	Distance
2210009	Diversion
2210011	Extrication > 20 min.
2210013	HazMat
2210015	Language Barrier
2210017	None/No Delay
2210019	Other (Not Listed)
2210021	Safety-Crew/Staging
2210023	Safety-Patien
2210025	Staff Delay
2210027	Traffic
2210029	Vehicle Crash Involving this Unit
2210031	Vehicle Failure of this Unit
2210033	Weather

[State](#)[National](#)

eResponse.11 - Type of Transport Delay

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded 7701001 - Not Applicable

Correlation ID

Data Type: String 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 (Not Listed)
2211015	Safety
2211017	Staff Delay
2211019	Traffic
2211021	Transport Unavailable
2211023	Vehicle Crash Involving this Unit
2211025	Vehicle Failure of this Unit
2211027	Weather

Data Element Comment

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

eResponse.12 - Type of Turn-Around Delay

Definition

The turn-around delays, if any, associated with the EMS unit associated with the patient encounter

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

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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 (Not Listed)
2212019	Staff Delay
2212021	Traffic
2212023	Transport Unavailable
2212025	Vehicle Crash of this Unit
2212027	Vehicle Failure of this Unit
2212029	Weather

Data Element Comment

Changed Equipment Replenishment to Equipment/Supply Replenishment Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc to return to service.

eResponse.13 - EMS Vehicle (Unit) Number

Definition

The unique physical vehicle number of the responding unit.

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

Constraints

Data Type	minLength	maxLength
string	1	25

Data Element Comment

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

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		Is Nullable	No
Usage	Mandatory	Recurrence	1 : 1

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

This element should be populated from dVehicle.03 (EMS Unit Call Sign).

eResponse.15 - Vehicle Dispatch Location

Definition

The EMS Location or healthcare facility name representing the geographic location of the vehicle 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	minLength	maxLength
string	2	50

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
4. dFacility.15 Facility GPS Location

eResponse.16 - 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

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

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.17 - Vehicle Dispatch US National Grid Location

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][0-9][R,S,T,U][ABCDEFGHIJKLMNPQRSTUVWXYZ][ABCDEFGHIJKLMNPQRSTUVWXYZ][0-9]{8}

Data Element Comment

Standard found at www.fgdc.gov/usng. Used by the EMS components of US Governmental entities such as national parks and military agencies.

State

eResponse.18 - 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

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	totalDigits	fractionDigits
decimal	8	2

Data Element Comment

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

State

eResponse.19 - On-Scene Odometer Reading of Responding Vehicle

Definition

The mileage (counter or odometer reading) of the vehicle when it arrives at the patient. 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_17	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	totalDigits	fractionDigits
decimal	8	2

Data Element Comment

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

State

eResponse.20 - 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

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	totalDigits	fractionDigits
decimal	8	2

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.21 - 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	totalDigits	fractionDigits
decimal	8	2

[State](#)[National](#)

eResponse.22 - 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
2222001	Emergent (Immediate Response)
2222003	Emergent Downgraded to Non-Emergent
2222005	Non-Emergent
2222007	Non-Emergent Upgraded to Emergent

Data Element Comment

Information now split between eResponse.21 (Response Mode to Scene) and eResponse.22 (Additional Response Mode Descriptors)

[State](#)[National](#)

eResponse.23 - Additional Response Mode Descriptors

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded 7701001 - Not Applicable

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Code List

Code	Description
2223001	Intersection Navigation-Against Normal Light Patterns
2223003	Intersection Navigation-With Automated Light Changing Technology
2223005	Intersection Navigation-With Normal Light Patterns
2223007	Lights and Sirens
2223009	No Lights and Sirens
2223011	Scheduled
2223013	Speed-Enhanced per Local Policy
2223015	Speed-Normal Traffic
2223017	Unscheduled

Data Element Comment

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

eDispatch

Legend

Dataset Level: N National S State

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

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

eDispatch

1 : 1	eDispatch.01 - Complaint Reported by Dispatch	N	S	M
1 : 1	eDispatch.02 - EMD Performed	N	S	R N, L
0 : 1	eDispatch.03 - EMD Card Number			O
0 : 1	eDispatch.04 - Computer Aided Dispatch (CAD) Name or ID			O

eDispatch

[State](#)[National](#)

eDispatch.01 - Complaint Reported by Dispatch

Definition

The complaint dispatch reported to the responding unit.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
2301001	Abdominal Pain/Problems
2301003	Allergic Reaction/Stings
2301005	Animal Bite
2301007	Assault
2301009	Automated Crash Notification
2301011	Back Pain (Non-Traumatic)
2301013	Breathing Problem
2301015	Burns/Explosion
2301017	Carbon Monoxide/Hazmat/Inhalation/CBRN
2301019	Cardiac Arrest/Death
2301021	Chest Pain (Non-Traumatic)
2301023	Choking
2301025	Convulsions/Seizure
2301027	Diabetic Problem
2301029	Drowning/Diving/SCUBA Accident
2301031	Electrocution/Lightning
2301033	Eye Problem/Injury
2301035	Falls
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	Interfacility Evaluation/Transfer
2301051	Overdose/Poisoning/Ingestion
2301053	Pandemic/Epidemic/Outbreak
2301055	Pregnancy/Childbirth/Miscarriage
2301057	Psychiatric Problem/Abnormal Behavior/Suicide Attempt
2301059	Sick Person/No Other Appropriate Choice
2301061	Stab/Gunshot Wound/Penetrating Trauma
2301063	Standby
2301065	Stroke/CVA
2301067	Traffic/Transportation Incident
2301069	Transfer/Interfacility/Palliative Care
2301071	Traumatic Injury

2301073 Unconscious/Fainting/Near-Fainting

2301075 Unknown Problem/Person Down

Data Element Comment

Added Pandemic/Epidemic/Outbreak.

Added Automated Crash Notification

Added Healthcare Professional Admission

Added Interfacility/Evaluation/Transfer

- Other entries expanded based on current national EMD Dispatch List

[State](#)[National](#)

eDispatch.02 - EMD Performed

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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

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	minLength	maxLength
string	1	10

eDispatch.04 - Computer Aided Dispatch (CAD) 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	minLength	maxLength
string	2	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.

eCrew

Legend

Dataset Level: N National S State

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

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

eCrew

1 : M	eCrew.CrewGroup	C
0 : 1	eCrew.01 - Crew Member ID	S E N, L
0 : 1	eCrew.02 - Crew Member Level	S E N, L
0 : M	eCrew.03 - Crew Member Response Role	S E N, L C

eCrew

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	15

Data Element Comment

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

State

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**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Code List

Code	Description
2302001	2009 Advanced Emergency Medical Technician (AEMT)
2302003	2009 Emergency Medical Responder (EMR)
2302005	2009 Emergency Medical Technician (EMT)
2302007	2009 Paramedic
2302009	First Responder
2302011	EMT-Basic
2302013	EMT-Intermediate
2302015	EMT-Paramedic
2302017	Nurse
2302019	Other Healthcare Professional
2302021	Other Non-Healthcare Professional
2302023	Physician
2302025	Respiratory Therapist
2302027	Student

State

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

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

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Code List

Code	Description
2303001	Driver/Pilot-Response
2303003	Driver/Pilot-Transport
2303005	Other (Not Listed)
2303007	Other Patient Caregiver-At Scene
2303009	Other Patient Caregiver-Transport
2303011	Primary Patient Caregiver-At Scene
2303013	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

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

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

eTimes

1 : 1	eTimes.01 - PSAP Call Date/Time	N	S	R	N, L
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 Cancelled Date/Time	S	O		
0 : 1	eTimes.15 - Unit Back at Home Location Date/Time	O			
1 : 1	eTimes.16 - EMS Call Completed Date/Time	N	S	M	

eTimes

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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

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

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
zzzzz	(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 **minValue** 1950-01-01T00:00:00-00:00 **maxValue** 2050-01-01T00:00:00-00:00

Pattern

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

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+)? (zzzzz)

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
zzzzz	(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.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	minValue	maxValue
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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

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

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

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	minValue	maxValue
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

Pattern

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

[State](#)[National](#)

eTimes.05 - Unit En Route Date/Time

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(required) represents the timezone (as described below)

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

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

[State](#)[National](#)

eTimes.07 - Arrived at Patient Date/Time

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(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 **minValue** 1950-01-01T00:00:00-00:00 **maxValue** 2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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
zzzzz	(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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(required) represents the timezone (as described below)

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

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

State

National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

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.

Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)

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
zzzzz	(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 Nullable	No
Usage	Mandatory	Recurrence	1 : 1

Associated Performance Measure Initiatives

Response

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(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 Cancelled Date/Time

Definition

The date/time the unit was cancelled.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E05_12	Is Nullable	No
Usage	Optional	Recurrence	0 : 1

Associated Performance Measure Initiatives

Response

Constraints

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

Pattern

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

Data Element Comment

This date/time 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+)? (zzzzz)

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
zzzzz	(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	minValue	maxValue
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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
zzzzz	(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	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

Response

Constraints

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

Pattern

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

Data Element Comment

For 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+)? (zzzzz)

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
zzzzz	(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

LegendDataset Level: **N** National **S** StateUsage: **M** = Mandatory , **R** = Required , **E** = Recommended, or **O** = OptionalAttributes: **N** = Not Values, **P** = Pertinent Negatives , **L** = Nillable, and/or **C** = Correlation ID**ePatient**

0 : 1	ePatient.01 - EMS Patient ID	O
1 : 1	ePatient.PatientNameGroup	
0 : 1	ePatient.02 - Last Name	S E N, L, P
0 : 1	ePatient.03 - First Name	S E N, L, P
0 : 1	ePatient.04 - Middle Initial/Name	O
0 : 1	ePatient.05 - Patient's Home Address	S O
0 : 1	ePatient.06 - Patient's Home City	S O
1 : 1	ePatient.07 - Patient's Home County	N S R N, L
1 : 1	ePatient.08 - Patient's Home State	N S R N, L
1 : 1	ePatient.09 - Patient's Home ZIP Code	N S R N, L
0 : 1	ePatient.10 - Patient's Home Country	S O
0 : 1	ePatient.11 - Patient Home Census Tract	O
0 : 1	ePatient.12 - Social Security Number	O
1 : 1	ePatient.13 - Gender	N S R N, L
1 : M	ePatient.14 - Race	N S R N, L, C
1 : 1	ePatient.AgeGroup	
1 : 1	ePatient.15 - Age	N S R N, L
1 : 1	ePatient.16 - Age Units	N S R N, L
0 : 1	ePatient.17 - Date of Birth	S O
0 : M	ePatient.18 - Patient's Phone Number	O C
0 : M	ePatient.19 - Patient's Email Address	O C
0 : 1	ePatient.20 - State Issuing Driver's License	O
0 : 1	ePatient.21 - Driver's License Number	O

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	minLength	maxLength
string	2	100

Data Element Comment

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

State

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**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Pertinent Negatives

8801023 - Unable to Complete

8801019 - Refused

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

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

State

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**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Pertinent Negatives

8801023 - Unable to Complete

8801019 - Refused

Constraints

Data Type	minLength	maxLength
string	1	35

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	minLength	maxLength
string	1	25

State**ePatient.05 - Patient's Home Address****Definition**

The patient's home mailing or street address

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**Street Address 2****Data Type:** String**MinLength:** 2**MaxLength:** 55**Constraints**

Data Type string	minLength 2	maxLength 55
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State

ePatient.06 - Patient's Home City

Definition

The patient's home city or township or 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

Constraints

Data Type

positiveInteger

Data Element Comment

Based on GNIS Civil Code or Populated Place code.

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

[State](#)[National](#)

ePatient.07 - Patient's Home County

Definition

The patient's home county or parish or residence

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type string **length** 5

Data Element Comment

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

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

[State](#)[National](#)

ePatient.08 - Patient's Home State

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	length
string	2

Data Element Comment

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

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

[State](#)[National](#)

ePatient.09 - Patient's Home ZIP Code

Definition

The patient's home ZIP code of residence

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Pattern

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

Data Element Comment

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

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

State

ePatient.10 - Patient's Home Country

Definition

The country in which the patient lives.

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

Data Type	minLength	maxLength
string	1	15

Data Element Comment

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

Data Type	minValue	maxValue
integer	000000000	999999999

[State](#)[National](#)

ePatient.13 - Gender

Definition

The Patient's Gender

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

[State](#)[National](#)

ePatient.14 - Race

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded 7701001 - Not Applicable

Correlation ID

Data Type: String 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: <http://www.omhrc.gov/templates/browse.aspx?lvl=2&lvIID=172>. Using single multiple choice question methodology to improve the completion of ethnicity information.

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

[State](#)[National](#)

ePatient.15 - Age

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minValue	maxValue
integer	1	120

[State](#)[National](#)

ePatient.16 - Age Units

Definition

The unit used to define the patient's age

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

State**ePatient.17 - Date of Birth****Definition**

The patient's date of birth

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E06_16	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minValue	maxValue
date	1890-01-01	2050-01-01

ePatient.18 - Patient's Phone Number

Definition

The patient's home or primary 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

Phone Number

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

Correlation ID

Data Type: String minLength: 0

maxLength: 255

Constraints

Pattern

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

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

Email Address

9904001 - Personal 9904003 - Work

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Constraints

Data Type minLength maxLength
string 3 100

Pattern

.+@.+

Data Element Comment

Added to improve followup 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

Data Type string **length** 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	minLength	maxLength
string	1	30

ePayment

LegendDataset Level: **N** National **S** StateUsage: **M** = Mandatory , **R** = Required , **E** = Recommended, or **O** = OptionalAttributes: **N** = Not Values, **P** = Pertinent Negatives , **L** = Nillable, and/or **C** = Correlation ID**ePayment**

1 : 1	ePayment.01 - Primary Method of Payment	N S R N, L
0 : 1	ePayment.CertificateGroup	
0 : 1	ePayment.02 - Physician Certification Statement	O
0 : 1	ePayment.03 - Date Physician Certification Statement Signed	O
0 : M	ePayment.04 - Reason for Physician Certification Statement	O C
0 : 1	ePayment.05 - Healthcare Provider Type Signing Physician Certification Statement	O
0 : 1	ePayment.06 - Last Name of Individual Signing Physician Certification Statement	O
0 : 1	ePayment.07 - First Name of Individual Signing Physician Certification Statement	O
0 : 1	ePayment.08 - Patient Resides in Service Area	O
0 : M	ePayment.InsuranceGroup	C
0 : 1	ePayment.09 - Insurance Company ID	O
0 : 1	ePayment.10 - Insurance Company Name	O
0 : 1	ePayment.11 - Insurance Company Billing Priority	O
0 : 1	ePayment.12 - Insurance Company Address	O
0 : 1	ePayment.13 - Insurance Company City	O
0 : 1	ePayment.14 - Insurance Company State	O
0 : 1	ePayment.15 - Insurance Company ZIP Code	O
0 : 1	ePayment.16 - Insurance Company Country	O
0 : 1	ePayment.17 - Insurance Group ID/Name	O
0 : 1	ePayment.18 - Insurance Policy ID Number	O
0 : 1	ePayment.19 - Last Name of the Insured	O
0 : 1	ePayment.20 - First Name of the Insured	O
0 : 1	ePayment.21 - Middle Initial/Name of the Insured	O
0 : 1	ePayment.22 - Relationship to the Insured	O
0 : 1	ePayment.ClosestRelativeGroup	
0 : 1	ePayment.23 - Closest Relative/Guardian Last Name	O
0 : 1	ePayment.24 - Closest Relative/ Guardian First Name	O
0 : 1	ePayment.25 - Closest Relative/ Guardian Middle Initial/Name	O
0 : 1	ePayment.26 - Closest Relative/ Guardian Street Address	O
0 : 1	ePayment.27 - Closest Relative/ Guardian City	O
0 : 1	ePayment.28 - Closest Relative/ Guardian State	O
0 : 1	ePayment.29 - Closest Relative/ Guardian ZIP Code	O

0 : 1	ePayment.30 - Closest Relative/ Guardian Country	[O]	
0 : M	ePayment.31 - Closest Relative/ Guardian Phone Number	[O] [C]	
0 : 1	ePayment.32 - Closest Relative/ Guardian Relationship	[O]	
0 : 1	ePayment.EmployerGroup		
0 : 1	ePayment.33 - Patient's Employer	[O]	
0 : 1	ePayment.34 - Patient's Employer's Address	[O]	
0 : 1	ePayment.35 - Patient's Employer's City	[O]	
0 : 1	ePayment.36 - Patient's Employer's State	[O]	
0 : 1	ePayment.37 - Patient's Employer's ZIP Code	[O]	
0 : 1	ePayment.38 - Patient's Employer's Country	[O]	
0 : M	ePayment.39 - Patient's Employer's Primary Phone Number	[O] [C]	
0 : 1	ePayment.40 - Response Urgency	[O]	
0 : M	ePayment.41 - Patient Transport Assessment	[O] [C]	
0 : M	ePayment.42 - Specialty Care Transport Care Provider	[O] [C]	
0 : 1	ePayment.43 - Ambulance Transport Code	[O]	
0 : M	ePayment.44 - Ambulance Transport Reason Code	[O] [C]	
0 : 1	ePayment.45 - Round Trip Purpose Description	[O]	
0 : 1	ePayment.46 - Stretcher Purpose Description	[O]	
0 : M	ePayment.47 - Ambulance Conditions Indicator	[O] [C]	
0 : 1	ePayment.48 - Mileage to Closest Hospital Facility	[O]	
0 : 1	ePayment.49 - ALS Assessment Performed and Warranted	[O]	
1 : 1	ePayment.50 - CMS Service Level	[N] [S] [R] [N, L]	
0 : M	ePayment.51 - EMS Condition Code	[O] [C]	
0 : M	ePayment.52 - CMS Transportation Indicator	[O] [C]	
0 : 1	ePayment.53 - Transport Authorization Code	[O]	
0 : 1	ePayment.54 - Prior Authorization Code Payor	[O]	
0 : M	ePayment.SupplyItemGroup		
	0 : 1	ePayment.55 - Supply Item Used Name	[O]
	0 : 1	ePayment.56 - Number of Supply Item(s) Used	[O]

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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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

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/>

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 **minValue** 1950-01-01T00:00:00-00:00 **maxValue** 2050-01-01T00:00:00-00:00

Pattern

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

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+)? (zzzzz)

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
zzzzz	(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

Correlation ID

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

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	minLength	maxLength
string	1	50

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	minLength	maxLength
string	1	35

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	minLength	maxLength
string	2	60

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	minLength	maxLength
string	2	100

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 |

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

Street Address 2

Data Type: String

MinLength: 2

MaxLength: 55

Constraints

Data Type string	minLength 2	maxLength 55
----------------------------	-----------------------	------------------------

ePayment.13 - Insurance Company City

Definition

The insurance company's city or township

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_06	Is Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type

positiveInteger

Data Element Comment

Based on GNIS Civil Code or Populated Place code.

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

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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type string **length** 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/>
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/Name

Definition

The ID number or name 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	minLength	maxLength
string	2	30

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	minLength	maxLength
string	2	30

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	minLength	maxLength
string	1	50

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	minLength	maxLength
string	1	35

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	minLength	maxLength
string	1	25

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
2622007	Other

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	minLength	maxLength
string	1	50

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	minLength	maxLength
string	1	35

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	minLength	maxLength
string	1	25

ePayment.26 - Closest Relative/ Guardian Street Address

Definition

The home street address 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

Street Address 2

Data Type: String

MinLength: 2

MaxLength: 55

Constraints

Data Type	minLength	maxLength
string	2	55

ePayment.27 - Closest Relative/ Guardian City

Definition

The home city 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

positiveInteger

Data Element Comment

Based on GNIS Civil Code or Populated Place code.

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

ePayment.28 - Closest Relative/ Guardian State

Definition

The home state 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

Data Type string **length** 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 home ZIP Code 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/>
Product: USA - 5-digit ZIP Code Database, Commercial Edition

ePayment.30 - Closest Relative/ Guardian Country

Definition

The home country 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

Phone Number

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

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Constraints

Pattern

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

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

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	minLength	maxLength
string	2	60

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

Street Address 2

Data Type: String

MinLength: 2

MaxLength: 55

Constraints

Data Type	minLength	maxLength
string	2	55

ePayment.35 - Patient's Employer's City

Definition

The city of the patient's employer

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

positiveInteger

Data Element Comment

Based on GNIS Civil Code or Populated Place Code.

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

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

Data Type string **length** 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/>
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 : M

Attributes

Phone Number

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

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Constraints

Pattern

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

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

Correlation ID

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

Correlation ID

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

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.43 - Ambulance Transport Code

Definition

Indicator about the type of transport 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 : 1

Code List

Code Description

I	Initial Trip
R	Return Trip
X	Round Trip
T	Transfer Trip

Data Element Comment

Added to improve billing with electronic claims using X12. 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> or United States Health Information Knowledgebase website for more information:

http://ushik.org/dr.ui.drData_Page?system=mdr&Search=xxKEYIDxx&KeyOrgID=18&KeyRID=24821000&Referer=DataElement

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

Correlation ID

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
C	Patient was transported for the nearness of family members
D	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> or United States Health Information Knowledgebase website for more information:
<http://ushik.ahrq.gov/ViewItemDetails?system=mdr&itemKey=21826000>

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	minLength	maxLength
string	2	80

Data Element Comment

Added to improve billing documentation for CMS X12 based transactions.

This element should be documented when ePayment.44 (Ambulance Transport) code = X (Round Trip).

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	minLength	maxLength
string	2	80

Data Element Comment

Added to improve billing using CMS X12 transactions based on CR110. Ambulance providers can use this field to provide additional information regarding the patient's condition that warranted the use of a stretcher or for other medical necessity documentation.

Version 3 Changes Implemented

Added to improve billing with electronic claims using X12

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

Correlation ID

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

Code List

Code	Description
1	Patient was admitted to hospital
2	Patient was bed confined before the ambulance service
3	Patient was bed confined after the ambulance service
4	Patient was moved by stretcher
5	Patient was unconscious or in shock
6	Patient was transported in an emergency situation
7	Patient had to be physically restrained
8	Patient had visible hemorrhaging
9	Ambulance service was medically necessary
10	Transportation was to the nearest facility

Data Element Comment

Added to improve billing documentation and justification.

Version 3 Changes Implemented

Added to improve billing with electronic claims using X12

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	minValue	maxValue	fractionDigits
decimal	1	1000	2

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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

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)

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

Correlation ID

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

Constraints

Pattern

[A-Z]{1}[0-9]{2}([A-Za-z0-9]{1,4})?

Data Element Comment

Source CMS

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

Correlation ID

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	Reare Circumstances, Traffic Patterns Precludes Ground Transport
D3	Time to the closest appropriate hospital due to the patient's condition precludes ground transport; maximize clinical benifits
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	minLength	maxLength
string	2	52

Version 3 Changes Implemented

Added to improve billing documentation.

ePayment.54 - Prior Authorization Code Payor

Definition

The Payor 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	minLength	maxLength
string	1	50

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	minValue	maxValue
positiveInteger	1	100,000,000

Data Element Comment

Associated with ePayment.56 (Supply Item Used Name). Used to better track supply items for billing

Version 3 Changes Implemented

Added to track EMS supplies for billing.

eScene

Legend

Dataset Level: N National S State

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

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

eScene

1 : 1	eScene.01 - First EMS Unit on Scene	N	S	R	N, L
0 : M	eScene.ResponderGroup	C			
0 : 1	eScene.02 - Other EMS or Public Safety Agencies at Scene	O			
0 : 1	eScene.03 - Other EMS or Public Safety Agency ID Number	O			
0 : 1	eScene.04 - Type of Other Service at Scene	O			
0 : 1	eScene.05 - Date/Time Initial Responder Arrived on Scene	O			
1 : 1	eScene.06 - Number of Patients at Scene	N	S	R	N, L
1 : 1	eScene.07 - Mass Casualty Incident	N	S	R	N, L
1 : 1	eScene.08 - Incident Location Type	N	S	R	N, L
0 : 1	eScene.09 - Incident Facility Code	S	E		N, L
0 : 1	eScene.10 - Scene GPS Location	S	O		
0 : 1	eScene.11 - Scene US National Grid Coordinates	S	O		
0 : 1	eScene.12 - Incident Facility or Location Name	S	O		
0 : 1	eScene.13 - Mile Post or Major Roadway	S	O		
0 : 1	eScene.14 - Incident Street Address	S	O		
0 : 1	eScene.15 - Scene Apartment, Suite, or Room	S	O		
0 : 1	eScene.16 - Incident City	S	E		N, L
1 : 1	eScene.17 - Incident State	N	S	R	N, L
1 : 1	eScene.18 - Incident ZIP Code	N	S	R	N, L
0 : 1	eScene.19 - Scene Cross Street or Directions	S	O		
1 : 1	eScene.20 - Incident County	N	S	R	N, L
0 : 1	eScene.21 - Incident Country	O			
0 : 1	eScene.22 - Incident Census Tract	O			

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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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	minLength	maxLength
string	2	100

Data Element Comment

This may be partially populated from a list created within dAgency.26 (Fire Department ID Number).

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	minLength	maxLength
string	1	25

Data Element Comment

The ID should be the state ID (licence 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	minValue	maxValue
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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
zzzzz	(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](#)

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

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
2707001	Multiple
2707003	None
2707005	Single

[State](#)[National](#)

eScene.07 - Mass Casualty Incident

Definition

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

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

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
9923001	No
9923003	Yes

[State](#)[National](#)

eScene.08 - 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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Pattern

Y92.[0-9]

Data Element Comment

Code list is represented in ICD-10-CM: Place of Occurrence of the external cause (Y92.0-Y92.9).

State

eScene.09 - 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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	30

Data Element Comment

This may be populated from a list created within dFacility.03 (Facility Location Code) or dFacility.05 (Facility National Provider Identifier).

State

eScene.10 - 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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Pattern

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

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

State

eScene.11 - 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][0-9][R,S,T,U][ABCDEFGHIJKLMNOPQRSTUVWXYZ][ABCDEFGHIJKLMNOPQRSTUVWXYZ][0-9]{8}

Data Element Comment

Standard found at www.fgdc.gov/usng

State

eScene.12 - 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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	2	100

Data Element Comment

This element may be populated from a list created within dFacility.02 (Facility Name).

State

eScene.13 - 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	No
Version 2 Element		Is Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	2	35

Data Element Comment

Defined by NFIRS 5.0.

State

eScene.14 - Incident Street Address

Definition

The street name only where the patient was found, or, if no patient, the address to which the unit responded. Based on NFIRS 5.0 Street or Highway.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E08_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	2	35

Data Element Comment

May be collected in two rows and stored as a single data element.

State

eScene.15 - Scene 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	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	1	15

State

eScene.16 - 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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type

positiveInteger

Data Element Comment

Based on GNIS Civil Code or Populated Place code.

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

[State](#)[National](#)

eScene.17 - 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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	length
string	2

Data Element Comment

Based on the ANSI State Code.

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

[State](#)[National](#)

eScene.18 - 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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Pattern

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

Data Element Comment

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

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

State

eScene.19 - 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	No
Version 2 Element		Is Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	2	50

Version 3 Changes Implemented

Added to better locate/document the scene (incident) location.

[State](#)[National](#)

eScene.20 - 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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type string **length** 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.21 - 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.22 - 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

Data Type	minLength	maxLength
string	1	15

Data Element Comment

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

Version 3 Changes Implemented

Added to improve the ability to use census and other demographic information within EMS research.

eSituation

LegendDataset Level: **N** National **S** StateUsage: **M** = Mandatory , **R** = Required , **E** = Recommended, or **O** = OptionalAttributes: **N** = Not Values, **P** = Pertinent Negatives , **L** = Nillable, and/or **C** = Correlation ID**eSituation**

1 : 1	eSituation.01 - Date/Time of Symptom Onset/Last Normal	N	S	R	N, L
1 : 1	eSituation.02 - Possible Injury	N	S	R	N, L
1 : 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 - Patient's Initial Condition at Scene	N	S	R	N, L
1 : 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		O	C	

eSituation

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

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

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
zzzzz	(required) represents the timezone (as described below)

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

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

Version 3 Changes Implemented

Added to better define the EMS patient event.

[State](#)[National](#)

eSituation.02 - Possible Injury

Definition

Indication whether or not there was an injury

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
9922001	No
9922003	Unknown
9922005	Yes

Data Element Comment

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

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Code List**Code Description**

- 2803001 Chief (Primary)
- 2803003 Other (Not Listed)
- 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.

State

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**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	50

State

eSituation.05 - Duration of Complaint

Definition

The duration of the chief 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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minValue	maxValue
integer	1	360

Data Element Comment

Associated with Time Unit of Duration

State

eSituation.06 - Time Units of Duration of Complaint

Definition

The time units of the duration of the patient's chief 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

7701003 - Not Recorded

7701001 - Not Applicable

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 Duration of the Complaint

[State](#)[National](#)

eSituation.07 - Chief Complaint Anatomic Location

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

Data Element Comment

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

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

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

[State](#)[National](#)

eSituation.09 - Primary Symptom

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Pattern

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

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: Symptoms, Signs and Abnormal Clinical and Laboratory Findings, (R00-69, R73.9)

[State](#)[National](#)

eSituation.10 - Other Associated Symptoms

Definition

Other symptoms identified by the patient or observed by EMS personnel

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Constraints

Pattern

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

Data Element Comment

Code list is represented in ICD-10-CM: Symptoms, Signs and Abnormal Clinical and Laboratory Findings, (R00-69, R73.9)

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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minLength	maxLength
string	2	100

Data Element Comment

Code list is represented in ICD-10-CM: Diagnoses Codes, see suggested NEMSIS list of provider impression codes.

[State](#)[National](#)

eSituation.12 - Provider's Secondary Impressions

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded 7701001 - Not Applicable

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Constraints

Data Type string	minLength 2	maxLength 100
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Data Element Comment

Code list is represented in ICD-10-CM: Diagnoses Codes, see suggested NEMESIS list of provider impression codes.

[State](#)[National](#)

eSituation.13 - Patient's Initial Condition at Scene

Definition

The condition of the patient on EMS arrival at the scene.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
2813001	Black (Dead)
2813003	Green (Satisfactory)
2813005	Red (Critical)
2813007	Yellow (Serious)

Data Element Comment

Added to better document the patient's initial condition on EMS arrival.

Version 3 Changes Implemented

Added to better document the patient's initial condition on EMS arrival.

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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>).

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.

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	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : M

Attributes

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Constraints

Pattern

[Y]{1}[0-9]{2}([A-Za-z0-9]{1,4})?

Data Element Comment

Code list is represented in ICD-10-CM: Diagnoses Codes. This list will only contain specific Y codes, see suggested NEMESIS list of activity codes (Y93).

Code list is represented in ICD-10 Codes.

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

Product - UMLS Metathesaurus

eInjury

Legend

Dataset Level: N National S State

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

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

eInjury

1 : 1	eInjury.01 - Cause of Injury	N S R N, L
0 : M	eInjury.02 - Mechanism of Injury	S E N, L C
1 : M	eInjury.03 - Trauma Center Criteria	N S R N, L C
1 : M	eInjury.04 - Vehicular, Pedestrian, or Other Injury Risk Factor	N S R N, L, P C
0 : 1	eInjury.05 - Main Area of the Vehicle Impacted by the Collision	S O
0 : 1	eInjury.06 - Location of Patient in Vehicle	S O
0 : M	eInjury.07 - Use of Occupant Safety Equipment	S E N, L C
0 : M	eInjury.08 - Airbag Deployment	S O C
0 : 1	eInjury.09 - Height of Fall (feet)	S O
0 : M	eInjury.10 - OSHA Personal Protective Equipment Used	O C
0 : 1	eInjury.CollisionGroup	
0 : 1	eInjury.11 - ACN System/Company Providing ACN Data	O
0 : 1	eInjury.12 - ACN Incident ID	O
0 : M	eInjury.13 - ACN Call Back Phone Number	O C
0 : 1	eInjury.14 - Date/Time of ACN Incident	O
0 : 1	eInjury.15 - ACN Incident Location	O
0 : 1	eInjury.16 - ACN Incident Vehicle Body Type	O
0 : 1	eInjury.17 - ACN Incident Vehicle Manufacturer	O
0 : 1	eInjury.18 - ACN Incident Vehicle Make	O
0 : 1	eInjury.19 - ACN Incident Vehicle Model	O
0 : 1	eInjury.20 - ACN Incident Vehicle Model Year	O
0 : 1	eInjury.21 - ACN Incident Multiple Impacts	O
0 : M	eInjury.22 - ACN Incident Delta Velocity	O C
0 : 1	eInjury.23 - ACN High Probability of Injury	O
0 : 1	eInjury.24 - ACN Incident PDOF	O
0 : 1	eInjury.25 - ACN Incident Rollover	O
0 : M	eInjury.SeatGroup	
0 : 1	eInjury.26 - ACN Vehicle Seat Location	O
0 : 1	eInjury.27 - Seat Occupied	O
0 : 1	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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Pattern

[S-T]{1}[0-9]{2}(.[A-Za-z0-9]{1,4})?|[V-Y]{1}[0-9]{2}(.[A-Za-z0-9]{1,4})?

Data Element Comment

Suggested code list is represented in ICD-10-CM: External Causes of Morbidity, Injury, Poisoning and Certain Other Consequences of External Causes with the range (S00 through T79.4 and V00 through Y38.9X2). It is not expected that EMS will utilize the 7th digit, often used to describe the type of encounter (A-Initial Encounter, D-Subsequent Encounter, S-Sequela). Thus, S through T and V through Y codes should be limited to 5 or 6 digits at the most.

Code list is represented in ICD-10 Codes.

Website - <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 Nullable	Yes
Usage	Recommended	Recurrence	0 : M

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Code List

Code Description

2902001 Blunt

2902003 Burn

2902005 Penetrating

eInjury.03 - Trauma Center Criteria

Definition

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

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

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Code List

Code	Description
2903001	Amputation Proximal to Wrist and Ankle
2903003	Crushed, Degloved, or Mangled Extremity
2903005	Flail Chest
2903007	Glasgow Coma Score less than 14
2903009	Open or Depressed Skull Fracture
2903011	Paralysis
2903013	Pelvic Fracture(s)
2903015	Penetrating Injury to Head, Neck, Torso, and Extremities Proximal to Elbow and Knee
2903017	Respiratory Rate <10 or >29 OR (<20 in infant < one year)
2903019	Systolic Blood Pressure less than 90
2903021	Two or More Proximal Long-Bone Fractures

Data Element Comment

CDC Field Triage Decision Scheme - 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 2006 Field Triage Decision Scheme.

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

[State](#)[National](#)

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

Definition

The kind of risk factor predictors present at the incident

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

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Pertinent Negatives

8801005 - Exam Finding Not Present

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Code List

Code Description

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

Data Element Comment

Added additional mechanism or risk indicators based on CDC Field Triage Decision Scheme Steps 3.

Version 3 Changes Implemented

Added to better evaluate the CDC-ACS Field Triage Guideline.

State

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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minValue	maxValue
integer	1	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.

State

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 Nullable	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

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : M

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Correlation ID

Data Type: String

minLength: 0

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
2907011	Lap Belt With Shoulder Belt
2907013	Lap Belt Without Shoulder Belt
2907015	None
2907017	Other
2907019	Personal Floatation Device
2907021	Protective Clothing
2907023	Protective Non-Clothing Gear
2907025	Shoulder Belt

Data Element Comment

MMUCC P7 data element used as baseline information. Data element expanded for added definition in non-vehicular settings.

State

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 Nullable	No
Usage	Optional	Recurrence	0 : M

Attributes

Correlation ID

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
2908011	Other

Data Element Comment

MMUCC P8 data element used but Other added to include newer airbag devices. URL:
http://www.mmucc.us/mmucctraining_old/lessons/occupant/seatingposition_files/seatingposition04.htm

State

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	minValue	maxValue
integer	3	10000

Data Element Comment

Classify same level falls as 3 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

Correlation ID

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

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	minLength	maxLength
string	1	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	minLength	maxLength
string	2	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 Nullable	No
Usage	Optional	Recurrence	0 : M

Attributes

Phone Number

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

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Constraints

Pattern

[2-9][0-9][0-9]-[2-9][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 **minValue** 1950-01-01T00:00:00-00:00 **maxValue** 2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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+)? (zzzzz)

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
zzzzz	(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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Pattern

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

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	minLength	maxLength
string	2	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).

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

Constraints

Data Type	minLength	maxLength
string	2	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).

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

Constraints

Data Type	minLength	maxLength
string	2	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).

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	minLength	maxLength
string	1	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	minValue	maxValue
integer	1900	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 Nullable	No
Usage	Optional	Recurrence	0 : M

Attributes

Velocity Unit

9921001 - Kilometers per Hour 9921003 - Miles per Hour

Correlation ID

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

Constraints

Data Type string	minLength 0	maxLength 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

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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type	minValue	maxValue
integer	1	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 Nullable	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 Nullable	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 Nullable	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 Nullable	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

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

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

eArrest

1 : 1	eArrest.01 - Cardiac Arrest	N S R N, L
1 : 1	eArrest.02 - Cardiac Arrest Etiology	N S R N, L
1 : M	eArrest.03 - Resuscitation Attempted By EMS	N S R N, L, 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.10 - Therapeutic Hypothermia Initiated	N S R N, L
1 : 1	eArrest.11 - First Monitored Arrest Rhythm of the Patient	N S R N, L
1 : M	eArrest.12 - Any Return of Spontaneous Circulation	N S R N, L, 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

eArrest

[State](#)[National](#)

eArrest.01 - Cardiac Arrest

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code Description

3001001	No
3001003	Yes, Prior to EMS Arrival
3001005	Yes, After EMS Arrival

[State](#)[National](#)

eArrest.02 - Cardiac Arrest Etiology

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

Data Element Comment

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

[State](#)[National](#)

eArrest.03 - Resuscitation Attempted By EMS

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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

[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 Nullable	Yes
Usage	Required	Recurrence	1 : M

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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

[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

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
9923001	No
9923003	Yes

State

eArrest.06 - Who Provided CPR Prior to EMS Arrival

Definition

Documentation of who performed CPR prior to EMS arrival.

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

Correlation ID

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

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.

[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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

State

eArrest.08 - Who Used AED Prior to EMS Arrival

Definition

Documentation of who used the AED prior to EMS 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

Correlation ID

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

Data Element Comment

Associated with eArrest.07 (AED Use Prior to EMS Arrival).

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

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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 (Not Listed)
3009013	Ventilation-Bag Valve Mask
3009015	Ventilation-Impedance Threshold Device
3009017	Ventilation-Mouth to Mouth
3009019	Ventilation-Pocket Mask

Data Element Comment

Added to capture special CPR techniques.

[State](#)[National](#)

eArrest.10 - Therapeutic Hypothermia Initiated

Definition

Documentation of EMS initiation of Therapeutic Hypothermia.

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
9923001	No
9923003	Yes

[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

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

Data Element Comment

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

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

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

[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

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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

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.

[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

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)

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
zzzzz	(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 the CPR was discontinued (or could be time of death)

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_09	Is Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

Data Element Comment

Added Resuscitation to Title to allow better documentation of disposition.

[State](#)[National](#)

eArrest.17 - Cardiac Rhythm on Arrival at Destination

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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 (Not Listed)
9901033	Paced Rhythm
9901035	PEA
9901037	Premature Atrial Contractions
9901039	Premature Ventricular Contractions
9901041	Right Bundle Branch Block
9901043	Sinus Arrhythmia
9901045	Sinus Bradycardia
9901047	Sinus Rhythm
9901049	Sinus Tachycardia
9901051	STEMI Anterior Ischemia
9901053	STEMI Inferior Ischemia
9901055	STEMI Lateral Ischemia
9901057	STEMI Posterior Ischemia
9901059	Supraventricular Tachycardia
9901061	Torsades De Points

- 9901063 Unknown AED Non-Shockable Rhythm
- 9901065 Unknown AED Shockable Rhythm
- 9901067 Ventricular Fibrillation
- 9901069 Ventricular Tachycardia (With Pulse)
- 9901071 Ventricular Tachycardia (Pulseless)

Data Element Comment

This element needs to be documented when the patient has been in cardiac or respiratory arrest and transported to a healthcare facility to show the change in patient condition, if any. The cardiac rhythm list has been updated to be the same for eVitals.03 (Cardiac Rhythm and Electrocardiography). They are using the common type: CardiacRhythm.

[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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

Version 3 Changes Implemented

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

eHistory

Legend

Dataset Level: N National S State

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

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

eHistory

1 : M	eHistory.01 - Barriers to Patient Care	N	S	R	N, L	C
0 : M	eHistory.PractitionerGroup				C	
0 : 1	eHistory.02 - Last Name of Patient's Primary Practitioner			O		
0 : 1	eHistory.03 - First Name of Patient's Primary Practitioner			O		
0 : 1	eHistory.04 - Middle Name/Initial of Patient's Primary Practitioner			O		
0 : M	eHistory.05 - Advance Directives	S	E	N, L	C	
0 : M	eHistory.06 - Medication Allergies	S	E	N, L, P	C	
0 : M	eHistory.07 - Environmental/Food Allergies	O	C			
0 : M	eHistory.08 - Medical/Surgical History	S	O	P	C	
0 : M	eHistory.09 - Medical History Obtained From	O	C			
0 : M	eHistory.ImmunizationsGroup				C	
0 : 1	eHistory.10 - The Patient's Type of Immunization.	O				
0 : 1	eHistory.11 - Immunization Date	O				
1 : M	eHistory.CurrentMedsGroup				C	
0 : 1	eHistory.12 - Current Medications	S	E	N, L, P		
0 : 1	eHistory.13 - Current Medication Dose	O				
0 : 1	eHistory.14 - Current Medication Dosage Unit	O				
0 : 1	eHistory.15 - Current Medication Administration Route	O				
0 : 1	eHistory.16 - Presence of Emergency Information Form	O				
1 : M	eHistory.17 - Alcohol/Drug Use Indicators	N	S	R	N, L, P	C
0 : 1	eHistory.18 - Pregnancy	O	P			
0 : 1	eHistory.19 - Last Oral Intake	O				

eHistory

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

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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

Data Element Comment

Added Obesity, Sight Impaired, Psychologically Impaired

eHistory.02 - Last Name of Patient's Primary Practitioner

Definition

The last name of the patient's primary 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	minLength	maxLength
string	1	50

eHistory.03 - First Name of Patient's Primary Practitioner

Definition

The first name of the patient's primary 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	minLength	maxLength
string	1	35

eHistory.04 - Middle Name/Initial of Patient's Primary Practitioner

Definition

The middle name or initial of the patient's primary 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	minLength	maxLength
string	1	25

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : M

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

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

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Code List

Code	Description
3105001	Family/Guardian request DNR (but no documentation)
3105003	Living Will
3105005	None
3105007	Other (Not Listed)
3105009	Other Healthcare Advanced Directive Form
3105011	State/EMS DNR Form

Data Element Comment

Advanced Directive and Do Not Resuscitate are both included in this data element.

State

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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Pertinent Negatives

8801023 - Unable to Complete

8801013 - No Known Drug Allergies

8801019 - Refused

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

Constraints

Data Type

positiveInteger

Data Element Comment

List of medications based on RxNorm (RXCUI) Code.

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

Correlation ID

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

Code List

Code	Description
3107001	Chemical
3107003	Dander/Dust/Mold/Pollen
3107005	Food Allergy
3107007	Insect Sting
3107009	Latex
3107011	None
3107013	Other (Not Listed)
3107015	Plant

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	No
Version 2 Element	E12_10	Is Nillable	No
Usage	Optional	Recurrence	0 : M

Attributes

Pertinent Negatives

8801023 - Unable to Complete

8801015 - None Reported

8801019 - Refused

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Constraints

Pattern

[A-Z]{1}[0-9]{2}([A-Za-z0-9]{1,4})?

Data Element Comment

Code list is represented by ICD-10-CM: Factors influencing health status and contact with health services (Z78.0 – Z99.89).

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

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Code List

Code Description

3109001	Bystander/Other
3109003	Family
3109005	Health Care Personnel
3109007	Patient

eHistory.10 - The Patient's Type of Immunization.

Definition

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 (Diphtheria, Tetanus, Pertussis)
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	Shingle
9910041	Small Pox
9910043	Tetanus
9910045	Tuberculosis
9910047	Typhoid
9910049	Varicella (Chickenpox)
9910051	Yellow Fever

eHistory.11 - Immunization Date

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	minValue	maxValue
integer	1900	2050

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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Pertinent Negatives

8801023 - Unable to Complete

8801015 - None Reported

8801021 - Unresponsive

8801019 - Refused

Constraints

Data Type

positiveInteger

Data Element Comment

List of medications based on RxNorm (RXCUI) code. See suggested NEMESIS list of medication codes.

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

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	totalDigits	fractionDigits
decimal	8	2

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	cm
3114003	gms
3114005	gtts (drops)
3114007	inches
3114009	iu
3114011	kvo (keep vein open)
3114013	l/min (fluid administration)
3114015	liters
3114017	LPM (gas administration)
3114019	mcg
3114021	mcg/kg/min
3114023	mcg/min
3114025	meq
3114027	metered dose
3114029	mg
3114031	mg/kg
3114033	mg/kg/min
3114035	mg/min
3114037	ml
3114039	ml/hr
3114041	other (Not Listed)
3114043	puffs
3114045	units/hr

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
3115001	Endotracheal Tube
3115003	Gastrostomy/Feeding Tube
3115005	Inhalation
3115007	Intra-Nasal
3115009	Intramuscular (IM)
3115011	Intraocular
3115013	Intraosseous (IO)
3115015	Intravenous (IV)
3115017	Nasal Cannula
3115019	Nasogastric
3115021	Non-Rebreather Mask
3115023	Ophthalmic
3115025	Oral
3115027	Other/miscellaneous
3115029	Otic
3115031	Rectal
3115033	Subcutaneous
3115035	Sublingual
3115037	Topical
3115039	Tracheostomy
3115041	Transdermal
3115043	Urethral
3115045	Ventimask
3115047	Wound

- | | |
| --- | --- |
| 3115001 | Endotracheal Tube |
- | | |
| --- | --- |
| 3115003 | Gastrostomy/Feeding Tube |
- | | |
| --- | --- |
| 3115005 | Inhalation |
- | | |
| --- | --- |
| 3115007 | Intra-Nasal |
- | | |
| --- | --- |
| 3115009 | Intramuscular (IM) |
- | | |
| --- | --- |
| 3115011 | Intraocular |
- | | |
| --- | --- |
| 3115013 | Intraosseous (IO) |
- | | |
| --- | --- |
| 3115015 | Intravenous (IV) |
- | | |
| --- | --- |
| 3115017 | Nasal Cannula |
- | | |
| --- | --- |
| 3115019 | Nasogastric |
- | | |
| --- | --- |
| 3115021 | Non-Rebreather Mask |
- | | |
| --- | --- |
| 3115023 | Ophthalmic |
- | | |
| --- | --- |
| 3115025 | Oral |
- | | |
| --- | --- |
| 3115027 | Other/miscellaneous |
- | | |
| --- | --- |
| 3115029 | Otic |
- | | |
| --- | --- |
| 3115031 | Rectal |
- | | |
| --- | --- |
| 3115033 | Subcutaneous |
- | | |
| --- | --- |
| 3115035 | Sublingual |
- | | |
| --- | --- |
| 3115037 | Topical |
- | | |
| --- | --- |
| 3115039 | Tracheostomy |
- | | |
| --- | --- |
| 3115041 | Transdermal |
- | | |
| --- | --- |
| 3115043 | Urethral |
- | | |
| --- | --- |
| 3115045 | Ventimask |
- | | |
| --- | --- |
| 3115047 | Wound |

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

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

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

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

Correlation ID

Data Type: String **minLength:** 0 **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

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	No
Usage	Optional	Recurrence	0 : 1

Attributes

Pertinent Negatives

8801023 - Unable to Complete

8801019 - Refused

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

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 **minValue** 1950-01-01T00:00:00-00:00 **maxValue** 2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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
zzzzz	(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

LegendDataset Level: **N** National **S** StateUsage: **M** = Mandatory , **R** = Required , **E** = Recommended, or **O** = OptionalAttributes: **N** = Not Values, **P** = Pertinent Negatives , **L** = Nillable, and/or **C** = Correlation ID**eNarrative**

0 : 1 eNarrative.01 - Patient Care Report Narrative

S **E** **N, L****eNarrative**

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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	1	10000

eVitals

Legend

Dataset Level: N National S State

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

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

eVitals

1 : M	eVitals.VitalGroup	C
1 : 1	eVitals.01 - Date/Time Vital Signs Taken	N S R N, L
1 : 1	eVitals.02 - Obtained Prior to this Units EMS Care	N S R N, L
1 : M	eVitals.CardiacRhythmGroup	C
1 : M	eVitals.03 - Cardiac Rhythm and Electrocardiography	N S R N, L, P C
1 : 1	eVitals.04 - ECG Type	N S R 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	eVitals.08 - Method of Blood Pressure Measurement	N S R N, L
0 : 1	eVitals.09 - Mean Arterial Pressure	O
1 : 1	eVitals.HeartRateGroup	
1 : 1	eVitals.10 - Heart Rate	N S R N, L, P
0 : 1	eVitals.11 - Method of Heart Rate Measurement	O
1 : 1	eVitals.12 - Pulse Oximetry	N S R N, L, P
0 : 1	eVitals.13 - Pulse Rhythm	O
1 : 1	eVitals.14 - Respiratory Rate	N S R N, L, P
0 : 1	eVitals.15 - Respiratory Effort	O P
1 : 1	eVitals.16 - Carbon Dioxide (CO2)	N S R N, L, P
0 : 1	eVitals.17 - Carbon Monoxide (CO)	O
1 : 1	eVitals.18 - Blood Glucose Level	N S R N, L, P
1 : 1	eVitals.GlasgowScoreGroup	
1 : 1	eVitals.19 - Glasgow Coma Score-Eye	N S R N, L, P
1 : 1	eVitals.20 - Glasgow Coma Score-Verbal	N S R N, L, P
1 : 1	eVitals.21 - Glasgow Coma Score-Motor	N S R N, L, P
1 : M	eVitals.22 - Glasgow Coma Score-Qualifier	N S R N, L, C
0 : 1	eVitals.23 - Total Glasgow Coma Score	S E N, L, P
1 : 1	eVitals.TemperatureGroup	
0 : 1	eVitals.24 - Temperature	S E N, L, P
0 : 1	eVitals.25 - Temperature Method	O
1 : 1	eVitals.26 - Level of Responsiveness (AVPU)	N S R N, L, P

1 : 1	eVitals.PainScaleGroup	
1 : 1	eVitals.27 - Pain Score	N S R N, L, P
0 : 1	eVitals.28 - Pain Scale Type	S E N, L
1 : 1	eVitals.StrokeScaleGroup	
1 : 1	eVitals.29 - Stroke Scale Score	N S R N, L, P
1 : 1	eVitals.30 - Stroke Scale Type	N S R N, L
1 : 1	eVitals.31 - Reperfusion Checklist	N S R N, L, P
0 : 1	eVitals.32 - APGAR	O P
0 : 1	eVitals.33 - Revised Trauma Score	O P

eVitals

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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(required) represents the timezone (as described below)

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

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

[State](#)[National](#)

eVitals.02 - Obtained Prior to this Units 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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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 and Electrocardiography

Definition

The initial cardiac rhythm 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

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete 8801019 - Refused

Correlation ID

Data Type: String **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 (Not Listed)
9901033	Paced Rhythm
9901035	PEA
9901037	Premature Atrial Contractions
9901039	Premature Ventricular Contractions
9901041	Right Bundle Branch Block
9901043	Sinus Arrhythmia
9901045	Sinus Bradycardia
9901047	Sinus Rhythm
9901049	Sinus Tachycardia
9901051	STEMI Anterior Ischemia
9901053	STEMI Inferior Ischemia
9901055	STEMI Lateral Ischemia
9901057	STEMI Posterior Ischemia

- 9901059 Supraventricular Tachycardia
- 9901061 Torsades De Points
- 9901063 Unknown AED Non-Shockable Rhythm
- 9901065 Unknown AED Shockable Rhythm
- 9901067 Ventricular Fibrillation
- 9901069 Ventricular Tachycardia (With Pulse)
- 9901071 Ventricular Tachycardia (Pulseless)

[State](#)[National](#)

eVitals.04 - ECG Type

Definition

The type of ECG associated with the cardiac rhythm.

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

Associated Performance Measure Initiatives

STEMI

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

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

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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.

[State](#)[National](#)

eVitals.06 - SBP (Systolic Blood Pressure)

Definition

The patient's systolic blood pressure.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

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

Constraints

Data Type	minValue	maxValue
integer	0	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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Pertinent Negatives

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801019 - Refused

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

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

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	minValue	maxValue
integer	1	500

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

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

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

Constraints

Data Type	minValue	maxValue
integer	0	500

Data Element Comment

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

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

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

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

Constraints

Data Type	minValue	maxValue
integer	0	100

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	Regulary Irregular

[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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801019 - Refused

Constraints

Data Type	minValue	maxValue
integer	0	300

eVitals.15 - Respiratory Effort

Definition

The patient's respiratory effort.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E14_12	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

Attributes

Pertinent Negatives

8801023 - Unable to Complete

Code List

Code	Description
3315001	Apneic
3315003	Labored
3315005	Mechanically Assisted (BVM, CPAP,etc)
3315007	Normal
3315009	Rapid
3315011	Shallow
3315013	Weak/Agonal

[State](#)[National](#)

eVitals.16 - Carbon Dioxide (CO2)

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete 8801019 - Refused

Constraints

Data Type	minValue	maxValue
integer	0	100

eVitals.17 - Carbon Monoxide (CO)

Definition

The patient's carbon monoxide level measured in parts per million (ppm).

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	minValue	maxValue
integer	0	100

Version 3 Changes Implemented

Added to allow use of a new patient monitoring device

[State](#)[National](#)

eVitals.18 - Blood Glucose Level

Definition

The patient's blood glucose level.

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

Associated Performance Measure Initiatives

Pediatric Stroke

Attributes

NOT Values

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete 8801019 - Refused

Constraints

Data Type	minValue	maxValue
integer	0	2000

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

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete 8801019 - Refused

Code List

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

Data Element Comment

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

[State](#)[National](#)

eVitals.20 - Glasgow Coma Score-Verbal

Definition

The patient's Glasgow Coma Score Verbal.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete 8801019 - Refused

Code List

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

Data Element Comment

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

Version 3 Changes Implemented

Definitions changed to be consistent with the National Trauma Data Standard.

[State](#)[National](#)

eVitals.21 - Glasgow Coma Score-Motor

Definition

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

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete 8801019 - Refused

Code List

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

Data Element Comment

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

Version 3 Changes Implemented

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 Nullable	Yes
Usage	Required	Recurrence	1 : M

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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).

Version 3 Changes Implemented

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

State

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

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

Pertinent Negatives

8801023 - Unable to Complete 8801019 - Refused

Constraints

Data Type	minValue	maxValue
integer	3	15

Data Element Comment

Can be documented or calculated from EVitals.19 (GCS-Eye), EVitals.20 (GCS-Verbal), and EVitals.21 (GCS-Motor).

State

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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Pertinent Negatives

8801023 - Unable to Complete

8801019 - Refused

Constraints

Data Type	totalDigits	minValue	maxValue	fractionDigits
decimal	3	0	50.0	1

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

[State](#)[National](#)

eVitals.26 - Level of Responsiveness (AVPU)

Definition

The patient's highest level of responsiveness.

National Element	Yes	Pertinent Negatives (PN)	Yes
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

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete 8801019 - Refused

Code List

Code Description

3326001	Alert
3326003	Verbal
3326005	Painful
3326007	Unresponsive

Data Element Comment

Definition changed to indicate highest level of responsiveness.

[State](#)[National](#)

eVitals.27 - Pain Score

Definition

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

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

Associated Performance Measure Initiatives

Pediatric STEMI Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete

8801019 - Refused

Constraints

Data Type	minValue	maxValue
integer	0	10

Data Element Comment

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

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Code List

Code	Description
3328001	FLACC (Face, Legs, Activity, Cry, Consolability)
3328003	Numeric (0-10)
3328005	Other (Not Listed)
3328007	Wong-Baker (FACES)

Version 3 Changes Implemented

Added to better document the patient's pain level.

[State](#)[National](#)

eVitals.29 - Stroke Scale Score

Definition

The patient's Stroke Scale Results.

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

Associated Performance Measure Initiatives

Stroke

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete

8801019 - Refused

Code List

Code	Description
3329001	Negative
3329003	Non-Conclusive
3329005	Positive

[State](#)[National](#)

eVitals.30 - Stroke Scale Type

Definition

The type of stroke pain scale used.

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

Associated Performance Measure Initiatives

Stroke

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

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

7701003 - Not Recorded

7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete

8801019 - Refused

Code List

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

Data Element Comment

Name changed from Thrombolytic Screen

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	No
Usage	Optional	Recurrence	0 : 1

Attributes

Pertinent Negatives

8801023 - Unable to Complete

Constraints

Data Type	minValue	maxValue
integer	0	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	No
Usage	Optional	Recurrence	0 : 1

Associated Performance Measure Initiatives

Trauma

Attributes

Pertinent Negatives

8801023 - Unable to Complete

8801019 - Refused

Constraints

Data Type	minValue	maxValue
integer	0	12

eLabs

Legend

Dataset Level: N National S State

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

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

eLabs

0 : M

eLabs.LabGroup

C

0 : 1 eLabs.01 - Date/Time of Laboratory or Imaging Result

O

0 : 1 eLabs.02 - Study/Result Prior to this Units EMS Care

O

0 : M eLabs.LabResultGroup

C

0 : 1 eLabs.03 - Laboratory Result Type

O

0 : 1 eLabs.04 - Laboratory Result

O

0 : M eLabs.LabImageGroup

C

0 : 1 eLabs.05 - Imaging Study Type

O

0 : 1 eLabs.06 - Imaging Study Results

O

0 : M eLabs.WaveformGraphicGroup

C

0 : 1 eLabs.07 - Imaging Study File or Waveform Graphic Type

O

0 : 1 eLabs.08 - Imaging Study File or Waveform Graphic

O

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 **minValue** 1950-01-01T00:00:00-00:00 **maxValue** 2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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
zzzzz	(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 Units 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

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
3403011	Angiography
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
3403031	CAT Scan
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
3403069	PET Scan
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

Version 3 Changes Implemented

Added to provide for the documentation of laboratory results obtained prior to or during an 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	minLength	maxLength
string	1	50

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 (Not Listed)
3405007	PET Scan
3405009	Ultrasound
3405011	X-ray

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	minLength	maxLength
string	3	5000

Version 3 Changes Implemented

Added to better describe the EMS Patient Care

eLabs.07 - Imaging Study File or Waveform Graphic Type

Definition

The type of file or waveform the imaging file is stored in.

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

Code List

Code Description

9907001	bmp
9907003	cmx
9907005	cod
9907007	doc
9907009	docx
9907011	gif
9907013	ico
9907015	ief
9907017	jif
9907019	jpeg
9907021	jpe
9907023	jpg
9907025	mht
9907027	mic
9907029	mhtml
9907031	nws
9907033	pbm
9907035	pdf
9907037	pgm
9907039	png
9907041	pnm
9907043	ppm
9907045	ras
9907047	rgb
9907049	svg
9907051	tif
9907053	tiff
9907055	xbm
9907057	xpm
9907059	xwd

Data Element Comment

Added to better document patient care. Added to allow the type of imaging file uploaded to be identified.

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

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

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

eExam

0 : 1	eExam.01 - Estimated Body Weight in Kilograms	S	E	N, L, P
0 : 1	eExam.02 - Length Based Tape Measure	S	E	N, L, P
0 : M	eExam.AssessmentGroup	C		
1 : 1	eExam.03 - Date/Time of Assessment	S	E	N, L
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
0 : M	eExam.AbdomenGroup	C		
0 : 1	eExam.10 - Abdominal Exam Finding Location	O		
0 : M	eExam.11 - Abdomen Assessment	O	P	C
0 : M	eExam.12 - Pelvis/Genitourinary Assessment	O	P	C
0 : M	eExam.SpineGroup	C		
0 : 1	eExam.13 - Back and Spine Assessment Finding Location	O		
0 : M	eExam.14 - Back and Spine Assessment	O	P	C
0 : M	eExam.ExtremityGroup	C		
0 : 1	eExam.15 - Extremity Assessment Finding Location	O		
0 : M	eExam.16 - Extremities Assessment	O	P	C
0 : M	eExam.EyeGroup	C		
0 : 1	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

eExam

State

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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Pertinent Negatives

8801023 - Unable to Complete

Constraints

Data Type	totalDigits	minValue	maxValue	fractionDigits
decimal	4	0.1	999.9	1

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Pediatric

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Pertinent Negatives

8801023 - Unable to Complete

8801019 - Refused

Code List

Code Description

3502001	Blue
3502003	Green
3502005	Grey
3502007	Orange
3502009	Pink
3502011	Purple
3502013	Red
3502015	White
3502017	Yellow

State

eExam.03 - Date/Time of Assessment

Definition

The date/time of the assessment

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E16_03	Is Nullable	Yes
Usage	Recommended	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Stroke Cardiac Arrest

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(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

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801019 - Refused

8801017 - Not Performed by EMS

Correlation ID**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

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

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801019 - Refused

8801017 - Not Performed by EMS

Correlation ID**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
3505025	Gunshot Wound-Entry
3505027	Gunshot Wound-Exit
3505029	Laceration
3505031	Mass/Lesion
3505033	Normal
3505035	Not Done
3505037	Pain
3505039	Puncture/Stab Wound
3505041	Swelling/Bruising/Contusion with Pain
3505043	Swelling/Bruising/Contusion without Pain

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

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801019 - Refused

8801017 - Not Performed by EMS

Correlation ID**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
3506019	Decapitation
3506021	Deformity
3506023	Drainage
3506025	Foreign Body
3506027	Gunshot Wound-Entry
3506029	Gunshot Wound-Exit
3506031	Laceration
3506033	Mass/Lesion
3506035	Normal
3506037	Not Done
3506039	Pain
3506041	Puncture/Stab Wound
3506043	Swelling/Bruising/Contusion with Pain
3506045	Swelling/Bruising/Contusion without Pain

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

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801019 - Refused

8801017 - Not Performed by EMS

Correlation ID**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
3507021	Gunshot Wound-Entry
3507023	Gunshot Wound-Exit
3507025	JVD
3507027	Laceration
3507029	Normal
3507031	Not Done
3507033	Pain
3507035	Puncture/Stab Wound
3507037	Stridor
3507039	Subcutaneous Air
3507041	Swelling/Bruising/Contusion with Pain
3507043	Swelling/Bruising/Contusion without Pain
3507045	Tracheal Deviation-Left
3507047	Tracheal Deviation-Right

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

8801023 - Unable to Complete 8801005 - Exam Finding Not Present 8801017 - Not Performed by EMS
 8801019 - Refused

Correlation ID

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
3508043	Gunshot Wound-Entry
3508045	Gunshot Wound-Exit
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
3508081 Swelling/Bruising/Contusion with Pain
3508083 Swelling/Bruising/Contusion without Pain
3508085 Tenderness-Left
3508087 Tenderness-Right
3508089 Wheezing-Expiratory - Left
3508091 Wheezing-Expiratory - Right
3508093 Wheezing-Inspiratory - Left
3508095 Wheezing-Inspiratory - Right

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

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801019 - Refused

8801017 - Not Performed by EMS

Correlation ID**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

eExam.10 - Abdominal Exam 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	Perumbilical
3510009	Right Lower Quadrant
3510011	Right Upper Quadrant

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

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801019 - Refused

8801017 - Not Performed by EMS

Correlation ID**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
3511027	Gunshot Wound-Entry
3511029	Gunshot Wound-Exit
3511031	Laceration
3511033	Mass/Lesion
3511035	Mass-Pulsating
3511037	Normal
3511039	Not Done
3511041	Pain
3511043	Pregnant-Palpable Uterus
3511045	Puncture/Stab Wound
3511047	Swelling/Bruising/Contusion with Pain
3511049	Swelling/Bruising/Contusion without Pain
3511051	Tenderness

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_14	Is Nillable	No
Usage	Optional	Recurrence	0 : M

Attributes

Pertinent Negatives

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801017 - Not Performed by EMS

8801019 - Refused

Correlation ID**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
3512029	Gunshot Wound-Entry
3512031	Gunshot Wound-Exit
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
3512053	Swelling/Bruising/Contusion with Pain
3512055	Swelling/Bruising/Contusion without Pain
3512057	Tenderness
3512059	Unstable

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	Cervical-Left
3513003	Cervical-Midline
3513005	Cervical-Right
3513007	Lumbar-Left
3513009	Lumbar-Midline
3513011	Lumbar-Right
3513013	Thoracic-Left
3513015	Thoracic-Midline
3513017	Thoracic-Right
3513019	Sacral-Left
3513021	Sacral-Midline
3513023	Sacral-Right

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

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801019 - Refused

8801017 - Not Performed by EMS

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Code List

Code	Description
3514001	Abrasions
3514003	Avulsion
3514005	Back-General
3514007	Bleeding Controlled
3514009	Bleeding Uncontrolled
3514011	Burn-Blistering
3514013	Burn-Charring
3514015	Burn-Redness
3514017	Burn-White/Waxy
3514019	Deformity
3514021	Foreign Body
3514023	Gunshot Wound-Entry
3514025	Gunshot Wound-Exit
3514027	Laceration
3514029	Normal
3514031	Not Done
3514033	Pain
3514035	Pain with Range of Motion
3514037	Swelling/Bruising/Contusion with Pain
3514039	Swelling/Bruising/Contusion without Pain
3514041	Tenderness Costovertebral Angle
3514043	Tenderness Midline Spinous Process
3514045	Tenderness Paraspinous

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

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

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801019 - Refused

8801017 - Not Performed by EMS

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

Code List

Code	Description
3516001	Abrasions
3516003	Amputation-Acute
3516005	Amputation-Previous
3516007	Avulsion
3516009	Bleeding Controlled
3516011	Bleeding Uncontrolled
3516013	Breath Sounds-Absent-Left
3516015	Burn-Blistering
3516017	Burn-Charring
3516019	Burn-Redness
3516021	Burn-White/Waxy
3516023	Clubbing (of fingers)
3516025	Crush Injury
3516027	Deformity
3516029	Dislocation
3516031	Edema
3516033	Foreign Body
3516035	Fracture-Closed
3516037	Fracture-Open
3516039	Gunshot Wound-Entry
3516041	Gunshot Wound-Exit
3516043	Laceration
3516045	Motor Function-Abnormal/Weakness
3516047	Motor Function-Absent
3516049	Motor Function-Normal
3516051	Normal
3516053	Not Done
3516055	Pain
3516057	Paralysis
3516059	Pulse-Abnormal
3516061	Pulse-Absent
3516063	Pulse-Normal
3516065	Puncture/Stab Wound
3516067	Sensation-Abnormal
3516069	Sensation-Absent

3516071 Sensation-Normal
3516073 Swelling/Bruising/Contusion with Pain
3516075 Swelling/Bruising/Contusion without Pain
3516077 Tenderness

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 |

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

8801023 - Unable to Complete

8801005 - Exam Finding Not Present

8801019 - Refused

8801017 - Not Performed by EMS

Correlation ID**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	PERL
3518049	Pupil-Irregular/Teardrop
3518051	Reactive
3518053	Sluggish

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

8801023 - Unable to Complete 8801005 - Exam Finding Not Present 8801017 - Not Performed by EMS
 8801019 - Refused

Correlation ID

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

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_20	Is Nillable	No
Usage	Optional	Recurrence	0 : M

Associated Performance Measure Initiatives

Cardiac Arrest Stroke

Attributes

Pertinent Negatives

8801023 - Unable to Complete 8801005 - Exam Finding Not Present 8801017 - Not Performed by EMS
 8801019 - Refused

Correlation ID

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

eProtocols

Legend

Dataset Level: N National S State

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

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

eProtocols

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

eProtocols

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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code Description

9914001	Airway
9914003	Airway-Failed
9914005	Airway-Obstruction/Foreign Body
9914007	Airway-Rapid Sequence Induction (RSI-Paralytic)
9914009	Airway-Sedation Assisted (Non-Paralytic)
9914011	Cardiac Arrest-Asystole
9914013	Cardiac Arrest-Hypothermia-Therapeutic
9914015	Cardiac Arrest-Pulseless Electrical Activity
9914017	Cardiac Arrest-Ventricular Fibrillation/ Pulseless Ventricular Tachycardia
9914019	Cardiac Arrest-Post Resuscitation Care
9914021	Environmental-Altitude Sickness
9914023	Environmental-Cold Exposure
9914025	Environmental-Frostbite/Cold Injury
9914027	Environmental-Heat Exposure/Exhaustion
9914029	Environmental-Heat Stroke/Hyperthermia
9914031	Environmental-Hypothermia
9914033	Exposure-Airway/Inhalation Irritants
9914035	Exposure-Biological/Infectious
9914037	Exposure-Blistering Agents
9914039	Exposure-Carbon Monoxide/Smoke Inhalation
9914041	Exposure-Chemicals to Eye
9914043	Exposure-Cyanide
9914045	Exposure-Explosive/ Blast Injury
9914047	Exposure-Nerve Agents
9914049	Exposure-Radiologic Agents
9914051	General-Back Pain
9914053	General-Behavioral/Patient Restraint
9914055	General-Dental Problems
9914057	General-Epistaxis
9914059	General-Fever
9914061	General-Individualized Patient Protocol
9914063	General-Indwelling Medical Devices/Equipment
9914065	General-IV Access

9914067 General-Medical Device Malfunction
9914069 General-Pain Control
9914071 General-Spinal Immobilization/Clearance
9914073 General-Universal Patient Care/ Initial Patient Contact
9914075 Injury-Amputation
9914077 Injury-Bites and Envenomations-Land
9914079 Injury-Bites and Envenomations-Marine
9914081 Injury-Bleeding/ Hemorrhage Control
9914083 Injury-Burns-Thermal
9914085 Injury-Cardiac Arrest
9914087 Injury-Crush Syndrome
9914089 Injury-Diving Emergencies
9914091 Injury-Drowning/Near Drowning
9914093 Injury-Electrical Injuries
9914095 Injury-Extremity
9914097 Injury-Eye
9914099 Injury-Head
9914101 Injury-Impaled Object
9914103 Injury-Multisystem
9914105 Injury-Spinal Cord
9914107 Medical-Abdominal Pain
9914109 Medical-Allergic Reaction/Anaphylaxis
9914111 Medical-Altered Mental Status
9914113 Medical-Bradycardia
9914115 Medical-Cardiac Chest Pain
9914117 Medical-Diarrhea
9914119 Medical-Hyperglycemia
9914121 Medical-Hypertension
9914123 Medical-Hypoglycemia/Diabetic Emergency
9914125 Medical-Hypotension/Shock (Non-Trauma)
9914127 Medical-Influenza-Like Illness/ Upper Respiratory Infection
9914129 Medical-Nausea/Vomiting
9914131 Medical-Newborn/ Neonatal Resuscitation
9914133 Medical-Overdose/Poisoning/Toxic Ingestion
9914135 Medical-Pulmonary Edema/CHF
9914137 Medical-Respiratory Distress/Asthma/COPD/Croup/Reactive Airway
9914139 Medical-Seizure
9914141 Medical-ST-Elevation Myocardial Infarction (STEMI)
9914143 Medical-Stroke/TIA
9914145 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)
9914147 Medical-Syncope
9914149 Medical-Ventricular Tachycardia (With Pulse)
9914151 Not Done
9914153 OB/GYN-Childbirth/Labor/Delivery
9914155 OB/GYN-Eclampsia
9914157 OB/GYN-Gynecologic Emergencies
9914159 OB/GYN-Pregnancy Related Emergencies
9914161 OB/GYN-Post-partum Hemorrhage
9914163 Other

Data Element Comment

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

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

State and Local entities can customize protocols but where possible local protocols should map to these uniform codes.
Additional protocols should be coded using text values or numbers greater than 100.

[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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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

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

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

eMedications

1 : M	eMedications.MedicationGroup	C
1 : 1	eMedications.01 - Date/Time Medication Administered	N S R N, L
1 : 1	eMedications.02 - Medication Administered Prior to this Units EMS Care	N S R N, L
1 : 1	eMedications.03 - Medication Given	N S R N, L, P
0 : 1	eMedications.04 - Medication Administered Route	S O
1 : 1	eMedications.DosageGroup	
1 : 1	eMedications.05 - Medication Dosage	N S R N, L
1 : 1	eMedications.06 - Medication Dosage Units	N S R N, L
1 : 1	eMedications.07 - Response to Medication	N S R N, L
1 : M	eMedications.08 - Medication Complication	N S R N, L C
0 : 1	eMedications.09 - Medication Crew (Healthcare Professionals) ID	S E N, L
1 : 1	eMedications.10 - EMS or Healthcare Professional Type Administering Medication	N S R N, L
0 : 1	eMedications.11 - Medication Authorization	O
0 : 1	eMedications.12 - Medication Authorizing Physician	O

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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(required) represents the timezone (as described below)

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

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

[State](#)[National](#)

eMedications.02 - Medication Administered Prior to this Units 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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

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

[State](#)[National](#)

eMedications.03 - Medication Given

Definition

The medication given to the patient

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Pertinent Negatives

8801007 - Medication Allergy

8801023 - Unable to Complete

8801009 - Medication Already Taken

8801001 - Contraindication Noted

8801003 - Denied By Order

8801019 - Refused

Constraints

Data Type

positiveInteger

Data Element Comment

List of medications based on RxNorm (RXCUI) code. See suggested NEMSIS list of medication codes.

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

State

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
3704001	Endotracheal tube
3704003	Gastrostomy tube
3704005	Inhalation
3704007	Intraarterial
3704009	Intramuscular
3704011	Intranasal
3704013	Intraocular
3704015	Intraosseous
3704017	Intravenous
3704019	Nasal
3704021	Nasal prongs
3704023	Nasogastric
3704025	Nasotracheal Tube
3704027	Ophthalmic
3704029	Oral
3704031	Other/miscellaneous
3704033	Otic
3704035	Re-breather mask
3704037	Rectal
3704039	Subcutaneous
3704041	Sublingual
3704043	Topical
3704045	Tracheostomy
3704047	Transdermal
3704049	Urethral
3704051	Ventimask
3704053	Wound

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.cdc.gov/ncipc/pub-res/pdf/deeds.pdf>. The list can be found on page 152 of 274 of the PDF document in Section 5, 5.13 Current Therapeutic Medication Route.

[State](#)[National](#)

eMedications.05 - Medication Dosage

Definition

The dose or amount of the medication given to the patient

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

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	totalDigits	fractionDigits
decimal	8	2

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

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

[State](#)[National](#)

eMedications.07 - Response to Medication

Definition

The patient's response to the medication

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

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

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

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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
3708027	Itching/Urticaria
3708029	Nausea
3708031	None
3708033	Other (Not Listed)
3708035	Respiratory Distress
3708037	Tachycardia
3708039	Tachypnea
3708041	Vomiting

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	15

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.

eMedications.10 - EMS or Healthcare Professional Type 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

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

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.

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)

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	minLength	maxLength
string	1	50

eProcedures

Legend

Dataset Level: N National S State

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

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

eProcedures

1 : M	eProcedures.ProcedureGroup	C
1 : 1	eProcedures.01 - Date/Time Procedure Performed	N S R N, L
1 : 1	eProcedures.02 - Procedure Performed Prior to this Units EMS Care	N S R N, L
1 : 1	eProcedures.03 - Procedure	N S R N, L, P
0 : 1	eProcedures.04 - Size of Procedure Equipment	O
1 : 1	eProcedures.05 - Number of Procedure Attempts	N S R N, L
1 : 1	eProcedures.06 - Procedure Successful	N S R N, L
1 : M	eProcedures.07 - Procedure Complication	N S R N, L C
1 : 1	eProcedures.08 - Response to Procedure	N S R N, L
0 : 1	eProcedures.09 - Procedure Crew Members ID	S E N, L
1 : 1	eProcedures.10 - EMS or Healthcare Professional Type Performing the Procedure	N S R N, L
0 : 1	eProcedures.11 - Procedure Authorization	O
0 : 1	eProcedures.12 - Procedure Authorizing Physician	O
0 : 1	eProcedures.13 - Vascular Access Location	S E N, L

eProcedures

eProcedures.01 - Date/Time Procedure Performed

Definition

The date/time the procedure was performed on the patient

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(required) represents the timezone (as described below)

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

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

[State](#)[National](#)

eProcedures.02 - Procedure Performed Prior to this Units 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

7701003 - Not Recorded

7701001 - Not Applicable

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 documented as an ICD-10 procedure code.

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

7701003 - Not Recorded 7701001 - Not Applicable

Pertinent Negatives

8801023 - Unable to Complete

8801001 - Contraindication Noted

8801003 - Denied By Order

8801019 - Refused

Constraints

Pattern

[A-Z]{1}[0-9]{2}(\.[A-Za-z0-9]{1,4})?

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 ICD-10-PCS: Procedure Codes, see suggested NEMESIS list of procedure codes. ICD-10-PCS Website - <http://uts.nlm.nih.gov>
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	minLength	maxLength
string	1	20

Data Element Comment

Need business logic to require detail of size appropriate for the procedure.

[State](#)[National](#)

eProcedures.05 - Number of Procedure Attempts

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	minValue	maxValue
integer	1	10

[State](#)[National](#)

eProcedures.06 - Procedure Successful

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
9923001	No
9923003	Yes

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

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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
3907029	Itching/Urticaria
3907031	Nausea
3907033	None
3907035	Other (Not Listed)
3907037	Portacath
3907039	Respiratory Distress
3907041	Tachycardia
3907043	Tachypnea
3907045	Vomiting

[State](#)[National](#)

eProcedures.08 - Response to Procedure

Definition

The patient's response to the procedure

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

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
------	-------------

9916001	Improved
9916003	Unchanged
9916005	Worse

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	15

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 eMedications.09 (Medication Crew (Healthcare Professionals) ID) as well.

eProcedures.10 - EMS or Healthcare Professional Type 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

7701003 - Not Recorded

7701001 - Not Applicable

Code List

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

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

Version 3 Changes Implemented

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

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)

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	minLength	maxLength
string	1	50

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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 IO
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 (Not Listed)
3913057	Other Central (PICC, Portacath, Not Listed)
3913059	Scalp
3913061	Subclavian-Left
3913063	Subclavian-Right
3913065	Umbilical
3913067	Venous Cutdown-Left Lower Extremity
3913069	Venous Cutdown-Right Lower Extremity

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

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

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

eAirway

1 : M	eAirway.AirwayGroup	 C
0 : M	eAirway.01 - Indications for Invasive Airway	 S E N, L C
1 : M	eAirway.ConfirmationGroup	 C
0 : 1	eAirway.02 - Date/Time Airway Device Placement Confirmation	 S E N, L
0 : 1	eAirway.03 - Airway Device Being Confirmed	 S E N, L
0 : 1	eAirway.04 - Airway Device Placement Confirmed Method	 S E N, L
0 : 1	eAirway.05 - Tube Depth	 O
0 : 1	eAirway.06 - Type of Individual Confirming Airway Device Placement	 S E N, L
0 : 1	eAirway.07 - Crew Member ID	 S E N, L
0 : M	eAirway.08 - Airway Complications Encountered	 S E N, L C
0 : M	eAirway.09 - Suspected Reasons for Failed Airway Procedure	 S O C
0 : 1	eAirway.10 - Date/Time Decision to Manage the Patient with an Invasive Airway	 O
0 : 1	eAirway.11 - Date/Time Invasive Airway Placement Attempts Abandoned	 O

eAirway

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : M

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Correlation ID

Data Type: String

minLength: 0

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 (Not Listed)
4001013	Ventilatory Effort Compromised

Version 3 Changes Implemented

Added to better document airway management.

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

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

Pattern

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

Data Element Comment

SAD=Supraglottic Airway Device

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

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
zzzzz	(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.

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Code List

Code	Description
4003001	Cricothyrotomy Tube
4003003	Endotracheal Tube
4003005	Other-Invasive Airway
4003007	SAD-Combitube
4003009	SAD-King LT
4003011	SAD-LMA
4003013	SAD-Other
4003015	Tracheostomy Tube

Version 3 Changes Implemented

Added to better document airway management.

State

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 : 1

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Code List

Code	Description
4004001	Auscultation
4004003	Bulb/Syringe Aspiration
4004005	Colorimetric ETCO2
4004007	Condensation in Tube
4004009	Digital (Numeric) ETCO2
4004011	Other (Not Listed)
4004013	Visualization
4004015	Visualization of Vocal Cords
4004017	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 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	minValue	maxValue
integer	8	30

Data Element Comment

Tube Depth added to better document the initial placement of the airway device and subsequent assessments.

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Code List

Code	Description
4006001	Another Person on the Same Crew
4006003	Other (Not Listed)
4006005	Person Performing Intubation
4006007	Receiving Air Medical/EMS Crew
4006009	Receiving Hospital Team

Version 3 Changes Implemented

Added to better document airway management.

State

eAirway.07 - Crew Member ID

Definition

The crew member id during this EMS patient encounter at this date and time.

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

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	15

Version 3 Changes Implemented

Added to better document airway management.

State

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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Correlation ID

Data Type: String

minLength: 0

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 (Not Listed)
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

Version 3 Changes Implemented

Added to better document airway management.

State

eAirway.09 - Suspected Reasons for Failed Airway Procedure

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 Nullable	No
Usage	Optional	Recurrence	0 : M

Associated Performance Measure Initiatives

Airway

Attributes

Correlation ID

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 (Not Listed)
- 4009015 Poor Patient Access
- 4009017 Secretions/Blood/Vomit
- 4009019 Unable to Position or Access Patient

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	minValue	maxValue
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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
zzzzz	(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	minValue	maxValue
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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
zzzzz	(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

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

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

eDevice

0 : M	eDevice.DeviceGroup	C
0 : 1	eDevice.01 - Device Serial Number	O
0 : 1	eDevice.02 - Date/Time of Event	O
0 : M	eDevice.03 - Medical Device Event Name	O C
0 : 1	eDevice.WaveformGroup	
0 : 1	eDevice.04 - Waveform Graphic Type	O
0 : 1	eDevice.05 - Waveform Graphic	O
0 : 1	eDevice.06 - AED Pacing or C02 Mode	O
0 : M	eDevice.07 - ECG Lead	O C
0 : 1	eDevice.08 - ECG Interpretation	O
0 : 1	eDevice.ShockGroup	
0 : 1	eDevice.09 - Type of Shock	O
0 : 1	eDevice.10 - Shock or Pacing Energy	O
0 : 1	eDevice.11 - Total Number of Shocks Delivered	O
0 : 1	eDevice.12 - Pacing Rate	O

eDevice

eDevice.01 - 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	minLength	maxLength
string	2	50

eDevice.02 - Date/Time of Event

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	minValue	maxValue
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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
zzzzz	(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 Name

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

Correlation ID

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 - Waveform Graphic Type

Definition

The type of waveform file stored in Waveform Graphic

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

Code List

Code Description

9907001	bmp
9907003	cmx
9907005	cod
9907007	doc
9907009	docx
9907011	gif
9907013	ico
9907015	ief
9907017	jif
9907019	jpeg
9907021	jpe
9907023	jpg
9907025	mht
9907027	mic
9907029	mhtml
9907031	nws
9907033	pbm
9907035	pdf
9907037	pgm
9907039	png
9907041	pnm
9907043	ppm
9907045	ras
9907047	rgb
9907049	svg
9907051	tif
9907053	tiff
9907055	xbm
9907057	xpm
9907059	xwd

eDevice.05 - 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

eDevice.06 - AED Pacing or C02 Mode

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		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

eDevice.07 - 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

Correlation ID

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	V1
4107017	V2
4107019	V3
4107021	V4
4107023	V5
4107025	V6

Data Element Comment

Can be displayed in the Vital Signs or Procedure Sections.

eDevice.08 - 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	minLength	maxLength
string	1	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

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	minValue	maxValue	fractionDigits
decimal	5	1	9000	1

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	minValue	maxValue
integer	1	100

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	minValue	maxValue
integer	1	1000

eDisposition

LegendDataset Level: **N** National **S** StateUsage: **M** = Mandatory , **R** = Required , **E** = Recommended, or **O** = OptionalAttributes: **N** = Not Values, **P** = Pertinent Negatives , **L** = Nillable, and/or **C** = Correlation ID**eDisposition**

1 : 1	eDisposition.DestinationGroup	
0 : 1	eDisposition.01 - Destination/Transferred To, Name	S E N, L
0 : 1	eDisposition.02 - Destination/Transferred To, Code	S E N, L
0 : 1	eDisposition.03 - Destination Street Address	S O
0 : 1	eDisposition.04 - Destination City	S O
1 : 1	eDisposition.05 - Destination State	N S R N, L
1 : 1	eDisposition.06 - Destination County	N S R N, L
1 : 1	eDisposition.07 - Destination ZIP Code	N S R N, L
0 : 1	eDisposition.08 - Destination Country	O
0 : 1	eDisposition.09 - Destination GPS Location	O
0 : 1	eDisposition.10 - Disposition Location US National Grid Coordinates	O
0 : 1	eDisposition.11 - Number of Patients Transported in this EMS Unit	S E N, L
1 : 1	eDisposition.12 - Incident/Patient Disposition	N S M
0 : M	eDisposition.13 - How Patient Was Moved to Ambulance	O C
0 : M	eDisposition.14 - Position of Patient During Transport	O C
0 : 1	eDisposition.15 - How Patient Was Transported From Ambulance	O
1 : 1	eDisposition.16 - EMS Transport Method	N S R N, L
1 : 1	eDisposition.17 - Transport Mode from Scene	N S R N, L
1 : M	eDisposition.18 - Additional Transport Mode Descriptors	N S R N, L C
1 : 1	eDisposition.19 - Condition of Patient at Destination	N S R N, L
1 : M	eDisposition.20 - Reason for Choosing Destination	N S R N, L C
1 : 1	eDisposition.21 - Type of Destination	N S R N, L
1 : 1	eDisposition.22 - Hospital In-Patient Destination	N S R N, L
1 : 1	eDisposition.23 - Hospital Designation	N S R N, L
1 : M	eDisposition.HospitalTeamActivationGroup	C
	eDisposition.24 - Destination Team Pre-Arrival Activation	N S R N, L
	eDisposition.25 - Date/Time of Destination Prearrival Activation	N S R N, L
0 : M	eDisposition.26 - Disposition Instructions Provided	O C

eDisposition

State

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	60

Data Element Comment

Recommended State data element since no national code for destination. May be populated from the list in dFacility.02 (Facility Name).

State

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

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	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. NPI codes can be found on the NEMSIS website.

State

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 Nullable	No
Usage	Optional	Recurrence	0 : 1

Attributes

Street Address 2

Data Type: String

MinLength: 2

MaxLength: 55

Constraints

Data Type string **minLength** 2 **maxLength** 55

Data Element Comment

May be auto-populated if list created in dFacility.08 (Facility Street Address).

State

eDisposition.04 - Destination City

Definition

The city name 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_04	Is Nullable	No
Usage	Optional	Recurrence	0 : 1

Constraints

Data Type

positiveInteger

Data Element Comment

Based on GNIS Civil Code or Populated Place code. May be auto-populated if list created in dFacility.09 (Facility City).

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

[State](#)[National](#)

eDisposition.05 - Destination State

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

Data Type	length
string	2

Data Element Comment

Based on the ANSI Code. May be auto-populated if list created in dFacility.10 (Facility State).

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

[State](#)[National](#)

eDisposition.06 - Destination County

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type string **length** 5

Data Element Comment

May be auto-populated if list created in dFacility.12 (Facility County). Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes) Should be required if there is a patient associated with the event.

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

[State](#)[National](#)

eDisposition.07 - Destination ZIP Code

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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.14 (Facility ZIP Code).

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

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

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.13 (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

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

Data Element Comment

May be auto-populated if list created in dFacility.14 (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 - Disposition Location US National Grid Coordinates

Definition

Facilitiy 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][0-9][R,S,T,U][ABCDEFGHIJKLMNPQRSTUVWXYZ][ABCDEFGHIJKLMNPQRSTUVWXYZ][0-9]{8}

Data Element Comment

Standard found at www.fgdc.gov/usng. May be auto-populated if list created in dFacility.15 (Facilitiy 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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minValue	maxValue
positiveInteger	1	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_

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E20_10	Is Nullable	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	Cancelled (Prior to Arrival At Scene)
4212009	No Patient Found (Canceled on Scene)
4212011	Patient Dead at Scene-No EMS Transport
4212013	Patient Dead at Scene-Transported by EMS
4212015	Patient Evaluated, No Treatment/Transport Required
4212017	Patient Refused Evaluation/Care (With Transport)
4212019	Patient Treated, Released (AMA)
4212021	Patient Treated, Released (per protocol)
4212023	Patient Treated, Transferred Care to Another EMS Professional
4212025	Patient Treated, Transported by EMS
4212027	Patient Treated, Transported by Law Enforcement
4212029	Patient Treated, Transported by Private Vehicle
4212031	Standby-No Services or Support Provided
4212033	Standby-Public Safety, Fire, or EMS Operational Support Provided
4212035	Transport of Body Parts or Organs Only

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

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Code List

Code Description

9909001	Assisted/Walk
9909003	Backboard
9909005	Chair
9909007	Carried
9909009	Other (Not Listed)
9909011	Stairchair
9909013	Stretcher
9909015	Wheelchair

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

Correlation ID

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 (Not Listed)
4214011	Prone
4214013	Semi-Fowlers
4214015	Sitting
4214017	Supine
4214019	Trendelenburg

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 (Not Listed)
9909011	Stairchair
9909013	Stretcher
9909015	Wheelchair

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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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

Indication whether or not lights and/or sirens were used on the vehicle while leaving scene

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

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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	Lights and Sirens
4218009	Lights, No Sirens
4218011	No Lights and Sirens
4218013	Speed-Enhanced per Local Policy
4218015	Speed-Normal Traffic

Data Element Comment

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

[State](#)[National](#)

eDisposition.19 - Condition of Patient at Destination

Definition

The condition of the patient after care by EMS

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_15	Is Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

Data Element Comment

Values are based on the 5-Levels of Triage Acuity Levels according to the Agency for Healthcare Research and Quality handbook. (<http://www.ahrq.gov/research/esi/esihandbk.pdf> (page 7))

[State](#)[National](#)

eDisposition.20 - Reason for Choosing Destination

Definition

The reason the unit chose to deliver or transfer the patient to the destination

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_16	Is Nullable	Yes
Usage	Required	Recurrence	1 : M

Associated Performance Measure Initiatives

Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

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 Medical Direction
4220013	Other (Not Listed)
4220015	Patient's Choice
4220017	Patient's Physician's Choice
4220019	Protocol
4220021	Regional Specialty Center

Data Element Comment

Required if Patient Transported

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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
4221001	Home
4221003	Hospital-Emergency Department
4221005	Hospital-In Patient Bed
4221007	Medical Office/Clinic
4221009	Morgue/Mortuary
4221011	Nursing Home/Assisted Living Facility
4221013	Other (Not Listed)
4221015	Other EMS Responder (air)
4221017	Other EMS Responder (ground)
4221019	Police/Jail

Data Element Comment

Required if Patient Transported by EMS. "Hospital-In Patient Bed" includes any location in the hospital except the Emergency Department. Choices include those in eDisposition.22 (Hospital In-Patient Destination).

[State](#)[National](#)

eDisposition.22 - Hospital In-Patient Destination

Definition

The location within the hospital that the patient was taken directly by EMS (e.g. Cath Lab, ICU, etc.)

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

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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 & Delivery
4222017	Hospital-Med/Surg
4222019	Hospital-Mental Health
4222021	Hospital-MICU
4222023	Hospital-NICU
4222025	Hospital-Nursery
4222027	Hospital-Peds (General)
4222029	Hospital-Peds ICU
4222031	Hospital-OR
4222033	Hospital-Orthopedic
4222035	Hospital-Other
4222037	Hospital-Out-Patient Bed
4222039	Hospital-Radiology Services - MRI
4222041	Hospital-Radiology Services - CT/PET
4222043	Hospital-Radiology Services - X-Ray
4222045	Hospital-Radiation
4222047	Hospital-Rehab
4222049	Hospital-SICU

Data Element Comment

To be documented when in eDisposition.21 "Hospital-In Patient Bed" is selected.

Version 3 Changes Implemented

Added to identify the location within the hospital that the patient was directly taken to by EMS.

[State](#)[National](#)

eDisposition.23 - Hospital Designation

Definition

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

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

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
9908001	Hospital (General)
9908003	Trauma Center Level 1
9908005	Trauma Center Level 2
9908007	Trauma Center Level 3
9908009	Trauma Center Level 4
9908011	Trauma Center Level 5
9908013	Rural Access Hospital
9908015	STEMI Center (24/7)
9908017	Stroke Center
9908019	Burn Center
9908021	Pediatric Center
9908023	Neonatal Center
9908025	Rehab Center

Data Element Comment

To be documented when in eDisposition.21 (Type of Destination) equals "4221003: Hospital-Emergency Department" or "4221005: Hospital-In Patient Bed" is selected .

Version 3 Changes Implemented

Added to aid in determining if patients are transported to the appropriate hospital based on provider impression, assessment, and treatment.

[State](#)[National](#)

eDisposition.24 - Destination Team Pre-Arrival Activation

Definition

Activation of the Destination Healthcare Facility Team prior to EMS arrival for acute ill or injured patient.

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

Associated Performance Measure Initiatives

Cardiac Arrest STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

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

Version 3 Changes Implemented

Added to better document performance measure for acute time dependent illness and injury systems of care.

eDisposition.25 - Date/Time of Destination Prearrival Activation

Definition

Date/Time EMS Notified/Activated the Destination Healthcare Facility Team prior to EMS arrival for acute ill or injured patient.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Constraints

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

Pattern

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

Data Element Comment

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

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
zzzzz	(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

Correlation ID

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

Version 3 Changes Implemented

Added to better document instructions given to patients not transported by EMS.

eOutcome

Legend

Dataset Level: N National S State

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

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

eOutcome

1 : 1	eOutcome.01 - Emergency Department Disposition	N	S	R	N, L
1 : 1	eOutcome.02 - Hospital Disposition	N	S	R	N, L
0 : M	eOutcome.ExternalDataGroup				
0 : 1	eOutcome.03 - External Report ID/Number Type				
0 : 1	eOutcome.04 - External Report ID/Number				
0 : 1	eOutcome.05 - Other Report Registry Type				
0 : 1	eOutcome.06 - Emergency Department Chief Complaint				
0 : 1	eOutcome.07 - First ED Systolic Blood Pressure				
0 : 1	eOutcome.08 - Emergency Department Recorded Cause of Injury				
0 : M	eOutcome.09 - Emergency Department Procedures				
0 : M	eOutcome.10 - Emergency Department Diagnosis				
0 : 1	eOutcome.11 - Date/Time of Hospital Admission				
0 : M	eOutcome.12 - Hospital Procedures				
0 : M	eOutcome.13 - Hospital Diagnosis				
0 : 1	eOutcome.14 - Total ICU Length of Stay				
0 : 1	eOutcome.15 - Total Ventilator Days				
0 : 1	eOutcome.16 - Date/Time of Hospital Discharge				
0 : 1	eOutcome.17 - Outcome at Hospital Discharge				

eOutcome

[State](#)[National](#)

eOutcome.01 - Emergency Department Disposition

Definition

The known disposition of the patient from the Emergency Department (ED)

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E22_01	Is Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
01	Discharged to home or self care (routine discharge)
02	Discharged/transferred to another short term general hospital for inpatient care
03	Discharged/transferred to a skilled nursing facility (SNF) {With Medicare certification in anticipation of covered skilled care. See Code 61 below.}
04	Discharged/transferred to an intermediate care facility (ICF)
05	Discharged/transferred to another type of institution not defined elsewhere in this code list
06	Discharged/transferred to home under care of organized home health service organization in anticipation of covered skills care
07	Left against medical advice or discontinued care
09	Admitted as an inpatient to this hospital.
20	Deceased/Expired (or did not recover - Religious Non Medical Health Care Patient)
21	Discharged/transferred to court/law enforcement
30	Still a patient or expected to return for outpatient services.
43	Discharged/transferred to a Federal Health Care Facility (e.g. VA or federal health care facility)
50	Discharged/transferred to Hospice - home.
51	Discharged/transferred to Hospice - medical facility
61	Discharged/transferred within this institution to a hospital based Medicare approved swing bed.
62	Discharged/transferred to a inpatient rehabilitation facility including distinct part units of a hospital.
63	Discharged/transferred to long term care hospitals
64	Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare
65	Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital.
66	Discharged/transferred to a Critical Access Hospital (CAH).
70	Discharged/transferred to another type of health care institution not defined elsewhere in the code list.

Data Element Comment

The list of values and codes is based on and in compliance with the Medicare Claims Processing Manual Chapter 25 Completing and Processing the Form CMS-1450 Data Set, referencing the Uniform Bill - Form CMS-1450 (UB-04) and the FL 17 - Patient Discharge Status Required. (For all Part A inpatient, SNF, hospice, home health agency (HHA) and outpatient hospital services.) This code indicates the patient's status as of the "Through" date of the billing period (FL 6).

<https://www.cms.gov/transmittals/downloads/R1104CP.pdf> Page 35-36

Codes are available from Medicare contractors and the National Uniform Billing company (NUBC_ (www.nubc.org) via the NUBC's Official UB-04 Data Specifications Manual.

Contractor site, Knowledge Trek: http://www.ub04.net/downloads/Medicare_Pub_Ch_25.pdf Please reference the section "FL 17 - Patient Status" found on page 23-25 of 126.

[State](#)[National](#)

eOutcome.02 - Hospital Disposition

Definition

The known disposition of the patient from the hospital, if admitted.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E22_02	Is Nullable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

Code List

Code	Description
01	Discharged to home or self care (routine discharge)
02	Discharged/transferred to another short term general hospital for inpatient care
03	Discharged/transferred to a skilled nursing facility (SNF) {With Medicare certification in anticipation of covered skilled care. See Code 61 below.}
04	Discharged/transferred to an intermediate care facility (ICF)
05	Discharged/transferred to another type of institution not defined elsewhere in this code list
06	Discharged/transferred to home under care of organized home health service organization in anticipation of covered skills care
07	Left against medical advice or discontinued care
20	Deceased/Expired (or did not recover - Religious Non Medical Health Care Patient)
21	Discharged/transferred to court/law enforcement
30	Still a patient or expected to return for outpatient services.
43	Discharged/transferred to a Federal Health Care Facility (e.g. VA or federal health care facility)
50	Discharged/transferred to Hospice - home.
51	Discharged/transferred to Hospice - medical facility
61	Discharged/transferred within this institution to a hospital based Medicare approved swing bed.
62	Discharged/transferred to a inpatient rehabilitation facility including distinct part units of a hospital.
63	Discharged/transferred to long term care hospitals
64	Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare
65	Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital.
66	Discharged/transferred to a Critical Access Hospital (CAH).
70	Discharged/transferred to another type of health care institution not defined elsewhere in the code list.

Data Element Comment

The list of values and codes is based on and in compliance with the Medicare Claims Processing Manual Chapter 25 Completing and Processing the Form CMS-1450 Data Set, referencing the Uniform Bill - Form CMS-1450 (UB-04) and the FL 17 - Patient Discharge Status Required. (For all Part A inpatient, SNF, hospice, home health agency (HHA) and outpatient hospital services.) This code indicates the patient's status as of the "Through" date of the billing period (FL 6).

<https://www.cms.gov/transmittals/downloads/R1104CP.pdf> Page 35-36

Codes are available from Medicare contractors and the National Uniform Billing company (NUBC_ (www.nubc.org) via the NUBC's Official UB-04 Data Specifications Manual.

Contractor site, Knowledge Trek: http://www.ub04.net/downloads/Medicare_Pub_Ch_25.pdf Please reference the section "FL

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 (Not Listed)
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	minLength	maxLength
string	2	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	minLength	maxLength
string	2	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	minLength	maxLength
string	2	100

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	minValue	maxValue
integer	0	500

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 : 1

Constraints

Pattern

[A-Z]{1}[0-9]{2}(\.[A-Za-z0-9]{1,4})?

Data Element Comment

Code list is represented in ICD-10-PCS.

Website - <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

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Constraints

Pattern

[A-Z]{1}[0-9]{2}([A-Za-z0-9]{1,4})?

Data Element Comment

Code list is represented in ICD-10 Codes.

Website - <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

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Constraints

Pattern

[A-Z]{1}[0-9]{2}(.[A-Za-z0-9]{1,4})?

Data Element Comment

Code list is represented in ICD-10 Codes.

Website - <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 **minValue** 1950-01-01T00:00:00-00:00 **maxValue** 2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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
zzzzz	(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

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Constraints

Pattern

[A-Z]{1}[0-9]{2}([A-Za-z0-9]{1,4})?

Data Element Comment

Code list is represented in ICD-10 Codes.

Website - <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

Correlation ID

Data Type: String minLength: 0 maxLength: 255

Constraints

Pattern

[A-Z]{1}[0-9]{2}([A-Za-z0-9]{1,4})?

Data Element Comment

Code list is represented in ICD-10 Codes.

Website - <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	minValue	maxValue
integer	1	400

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	minValue	maxValue
integer	1	400

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	minValue	maxValue
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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
zzzzz	(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

eCustomConfiguration

Legend

Dataset Level: N National S State

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

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

eCustomConfiguration

0 : M	eCustomConfiguration.CustomGroup	C
0 : 1	eCustomConfiguration.01 - Custom Data Element Title	O
0 : 1	eCustomConfiguration.02 - Custom Definition	O
0 : 1	eCustomConfiguration.03 - Custom Data Type	O
0 : 1	eCustomConfiguration.04 - Custom Data Element Recurrence	O
0 : 1	eCustomConfiguration.05 - Custom Data Element Usage	O
0 : M	eCustomConfiguration.06 - Custom Data Element Potential Values	O

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 NEMESIS Version 3.

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

Constraints

Data Type	minLength	maxLength
string	2	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 NEMESIS 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	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	0	255

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	Optional	Recurrence	0 : 1

Code List

Code Description

9902001	Binary
9902003	Date/Time
9902005	Integer/Number
9902007	Other (Not Listed)
9902009	Text/String

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	Optional	Recurrence	0 : 1

Code List

Code Description

9923001 No
9923003 Yes

Version 3 Changes Implemented

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

eCustomConfiguration.05 - Custom Data Element Usage

Definition

The Usage (Mandatory, Required, 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	Optional	Recurrence	0 : 1

Code List

Code Description

- | | |
|---------|-----------|
| 9903001 | Mandatory |
| 9903003 | Required |
| 9903005 | Optional |

Data Element Comment

Mandatory = Must be completed and will not accept null values

Required = Must be completed but 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 NEMESIS 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 Nullable	No
Usage	Optional	Recurrence	0 : M

Constraints

Data Type	minLength	maxLength
string	1	100

Version 3 Changes Implemented

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

eCustomResults

Legend

Dataset Level: N National S State

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

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

eCustomResults

0 : M	eCustomResults.ResultsGroup	C
0 : 1	eCustomResults.01 - Custom Data Element Result	O
0 : 1	eCustomResults.02 - Custom Data Element Reference	O
0 : 1	eCustomResults.03 - Custom Correlation ID	O

eCustomResults

eCustomResults.01 - Custom Data Element Result

Definition

The actual value or values chosen (if values listed in custom.05) or result (free text, Date/Time, or number) documented 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	Optional	Recurrence	0 : 1

Constraints

Data Type	minLength	maxLength
string	1	100000

Version 3 Changes Implemented

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

eCustomResults.02 - Custom Data Element Reference

Definition

Refers to the data element being extended by referencing the correlationID attribute in the element eCustomConfiguration.CustomGroup

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	minLength	maxLength
string	1	100000

eCustomResults.03 - Custom Correlation ID

Definition

Correlation id used to map back to set of other elements in other sections.

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	minLength	maxLength
string	1	100000

eOther

Legend

Dataset Level: N National S State

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

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

eOther

0 : 1	eOther.01 - Review Requested	O
0 : M	eOther.02 - Potential System of Care/Specialty/Registry Patient	O C
0 : M	eOther.EMSCrewMemberGroup	C
0 : M	eOther.03 - Personal Protective Equipment Used	O C
0 : 1	eOther.04 - EMS Professional (Crew Member) ID	O
1 : 1	eOther.05 - Suspected EMS Work Related Exposure, Injury, or Death	N S R N, L C
0 : M	eOther.06 - Type of Suspected EMS Blood/Body Fluid Exposure, Injury, or Death	S E N, L C
0 : M	eOther.07 - Natural, Suspected, Intentional, or Unintentional Disaster	O
0 : 1	eOther.08 - Crew Member Completing this Report	S E N, L
0 : M	eOther.FileGroup	C
0 : 1	eOther.09 - External Electronic Documents	O
0 : 1	eOther.10 - File Attachment Type	O
0 : 1	eOther.11 - File Attachment Image	O
0 : M	eOther.SignatureGroup	C
0 : 1	eOther.12 - Type of Person Signing	O
0 : 1	eOther.13 - Signature Reason	O
0 : 1	eOther.14 - Type Of Patient Representative	O
0 : 1	eOther.15 - Signature Status	O
0 : 1	eOther.16 - Signature File Name	O
0 : 1	eOther.17 - Signature File Type	O
0 : 1	eOther.18 - Signature Graphic	O
0 : 1	eOther.19 - Date/Time of Signature	O
0 : 1	eOther.20 - Signature Last Name	O
0 : 1	eOther.21 - Signature First Name	O

eOther

eOther.01 - Review Requested

Definition

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

eOther.02 - Potential System of Care/Specialty/Registry Patient

Definition

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

Correlation ID

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 (Not Listed)
4502013	Spinal Cord Injury
4502015	STEMI/Acute Cardiac
4502017	Trauma
4502019	Traumatic Brain Injury

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

Correlation ID

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 (Not Listed)
4503021	PAPR
4503023	Reflective Vest

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	minLength	maxLength
string	2	15

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

7701003 - Not Recorded

7701001 - Not Applicable

Correlation ID

Data Type: String

minLength: 0

maxLength: 255

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

Associated with eOther.04 (EMS Professional (Crew Member) ID)

State

eOther.06 - Type of Suspected EMS Blood/Body Fluid Exposure, Injury, or Death**Definition**

The type of exposure or unprotected contact with blood or body fluids

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E23_06	Is Nullable	Yes
Usage	Recommended	Recurrence	0 : M

Attributes**NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Correlation ID**Data Type:** String**minLength:** 0**maxLength:** 255**Code List**

Code	Description
4506001	Death-Cardiac Arrest
4506003	Death-Injury Related
4506005	Death-Other (Not Listed)
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 (Not Listed)
4506027	None
4506029	Other (Not Listed)

Data Element Comment

Associated with eOther.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

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 Nullable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	15

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 Documents

Definition

Document types which have 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	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	Healthcare Record
4509015	Other (Not Listed)
4509017	Patient Identification
4509019	Patient Refusal Sheet
4509021	Picture/Graphic
4509023	Sound Recording
4509025	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.

eOther.10 - File Attachment Type**Definition**

The type of file (pdf, jpeg, etc.) 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

Code List**Code Description**

9907001	bmp
9907003	cmx
9907005	cod
9907007	doc
9907009	docx
9907011	gif
9907013	ico
9907015	ief
9907017	jif
9907019	jpeg
9907021	jpe
9907023	jpg
9907025	mht
9907027	mic
9907029	mhtml
9907031	nws
9907033	pbm
9907035	pdf
9907037	pgm
9907039	png
9907041	pnm
9907043	ppm
9907045	ras
9907047	rgb
9907049	svg
9907051	tif
9907053	tiff
9907055	xbm
9907057	xpm
9907059	xwd

Data Element Comment

Provides a mechanism for external records to be associated with the PCR.

Version 3 Changes Implemented

Added to allow an improved implementation of electronic healthcare records.

eOther.11 - File Attachment Image

Definition

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.

eOther.12 - Type of Person Signing

Definition

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

Version 3 Changes Implemented

Added to better document disposition and billing information.

eOther.13 - Signature Reason

Definition

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 : 1

Constraints

Data Type	minLength	maxLength
string	0	100

eOther.14 - Type Of Patient Representative

Definition

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	Relative (Not Listed)
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.

eOther.15 - Signature Status

Definition

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

Version 3 Changes Implemented

Added to better document disposition and billing.

eOther.16 - Signature File Name

Definition

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

eOther.17 - Signature File Type

Definition

The type of 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

Code List

Code Description

9907001	bmp
9907003	cmx
9907005	cod
9907007	doc
9907009	docx
9907011	gif
9907013	ico
9907015	ief
9907017	jif
9907019	jpeg
9907021	jpe
9907023	jpg
9907025	mht
9907027	mic
9907029	mhtml
9907031	nws
9907033	pbm
9907035	pdf
9907037	pgm
9907039	png
9907041	pnm
9907043	ppm
9907045	ras
9907047	rgb
9907049	svg
9907051	tif
9907053	tiff
9907055	xbm
9907057	xpm
9907059	xwd

eOther.18 - Signature Graphic

Definition

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

Version 3 Changes Implemented

Added to better document disposition and billing.

eOther.19 - Date/Time of Signature

Definition

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 **minValue** 1950-01-01T00:00:00-00:00 **maxValue** 2050-01-01T00:00:00-00:00

Pattern

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

Data Element Comment

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

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
zzzzz	(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.

eOther.20 - Signature Last Name

Definition

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	minLength	maxLength
string	1	50

Version 3 Changes Implemented

Added to better document disposition and billing.

eOther.21 - Signature First Name

Definition

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	minLength	maxLength
string	1	35

Version 3 Changes Implemented

Added to better document disposition and billing.

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