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# NEMESIS

## Data Dictionary

# NHTSA Version 3.2.0

# EMS Data Standard

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

[www.NEMESIS.org](http://www.NEMESIS.org)

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# NEMSIS Data Dictionary Version 3.2.0

## 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 3.2.0 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 3.2.0 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 3.2.0 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 3.2.0 Data Dictionary Content

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

#### Data Element Number (#1)

- The NEMSIS Version 3 element numbering system has been revised to improve the information that can be derived from just the data element number. An example of a data element number is dAgency.01.
  - The data element number begins with either a "d" representing the demographic (agency) section or an "e" representing the EMS PCR section.
  - A one word descriptor for each section is now included in the data element number.
  - A period separates the section (e.g. dAgency) from the data element number (e.g. 01).

#### Data Element Name (#3)

- The name for the data element.

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

- National = Yes, is an indication that the data element is required to be collected:
  - at the local EMS agency level and submitted to the state
- State = Yes, is an indication that the data element is recommended to be collected at the "State" level.

#### Data Element Definition (#4)

- The definition for the data element.

#### Version 2 Number (#7)

- The NEMSIS Version 2.2.1 Data Element Number.
- If the Data Element is new to Version 3.2.0, the Version 2 Number will be blank.

#### Data Structure Information

- Recurrence (#12)
  - Indication that the data element can have more than one value.
    - Represented by two characters separated by a colon. The configuration

includes:

- 0:1 = element is not required and can occur only once
- 0:M = element is not required and can repeat multiple times
- 1:1 = element is required and can occur only once
- 1:M = element is required and can repeat multiple times

- Usage (#8)

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

- NOT Value Characteristics (#10)

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

- NOT Values Accepted (#14)

- Indication of which of the following three NOT values is acceptable.
- Not all data elements accept NOT values.
- NOT Values have been condensed in Version 3.
  - Not Applicable = *The data element is not applicable or pertinent to the EMS event.*
  - Not Recorded = *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
- 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, SNOMED, etc. NEMSIS will assist in providing a recommended list of EMS specific values and codes from these larger standards for most elements using these external standards.

### **Data Element Editorial Comments (#17)**

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

### **Version 3 Changes Implemented (#18)**

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

## **NEMSIS Version 3.2.0 Change Summary**

**NEMSIS Version 3 includes several new types of information to better describe EMS from an industry, workforce, EMS service delivery, and patient care perspective. Examples of new Version 3.2.0 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 are now based on ICD-10.
- Procedures are now based on SNOMED.
- Medications are now stored using the RxNorm standard
- Cardiac Arrest information has been enhanced to add focus on CPR and post arrest cooling.
- Automated Collision Notification information has been included.
- The data elements required to document and evaluate the CDC Field Triage Algorithm for trauma have been included.
- Vital Sign and patient monitoring information have been enhanced
- A new section for Laboratory and Diagnostic Imaging results has been added.
- The Exam section has been reconfigured to improve documentation and ease of use.
- Much of the medical device information has been mapped into the vital sign section for direct import via the XML standard.
- Inclusion of electronic signatures and external electronic documents.
- An Airway section has been added to better document and evaluate airway management.
- Improved Work Related Illness and Injury documentation capability.
- Disposition information has been enhanced especially associated with Specialty Centers and time dependent illness/injury Systems of Care.
- EMS Response and Transport Modes have been enhanced to better define emergent, non-emergent, scheduled, and non-scheduled variation.
- 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 3.2.0 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
1 : M	DemographicReport
1 : 1	dAgency - Agency Information
0 : 1	dContact - Contact Information
1 : 1	dConfiguration - Configuration Information
0 : 1	dLocation - Location Information
0 : 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

<b>Legend</b>	Dataset Level: <span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> National <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> State
Usage:	<span style="border: 1px solid black; padding: 2px 5px;">M</span> = Mandatory , <span style="border: 1px solid black; padding: 2px 5px;">R</span> = Required , <span style="border: 1px solid black; padding: 2px 5px;">E</span> = Recommended, or <span style="border: 1px solid black; padding: 2px 5px;">O</span> = Optional
Attributes:	<span style="border: 1px solid black; padding: 2px 5px;">N</span> = Not Values, <span style="border: 1px solid black; padding: 2px 5px;">P</span> = Pertinent Negatives , <span style="border: 1px solid black; padding: 2px 5px;">L</span> = Nillable, and/or <span style="border: 1px solid black; padding: 2px 5px;">C</span> = Correlation ID

## EMSDataset

0 : M	eState - State Required PCR Data Elements	
1 : M	Header	
1 : 1	DemographicGroup	
1 : 1	dAgency.01 - EMS Agency Unique State ID	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="border: 1px solid black; padding: 2px 5px;">M</span>
1 : 1	dAgency.02 - EMS Agency Number	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="border: 1px solid black; padding: 2px 5px;">M</span>
0 : 1	dAgency.03 - EMS Agency Name	<span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="border: 1px solid black; padding: 2px 5px;">N, L</span>
1 : 1	dAgency.04 - EMS Agency State	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="border: 1px solid black; padding: 2px 5px;">M</span>
0 : M	eCustomConfiguration.CustomGroup	
0 : 1	eCustomConfiguration.01 - Custom Data Element Title	<span style="border: 1px solid black; padding: 2px 5px;">O</span>
0 : 1	eCustomConfiguration.02 - Custom Definition	<span style="border: 1px solid black; padding: 2px 5px;">O</span>
0 : 1	eCustomConfiguration.03 - EMS Custom Data Type	<span style="border: 1px solid black; padding: 2px 5px;">O</span>
0 : 1	eCustomConfiguration.04 - EMS Custom Data Element Multiplicity	<span style="border: 1px solid black; padding: 2px 5px;">O</span>
0 : 1	eCustomConfiguration.05 - EMS Custom Data Element Usage	<span style="border: 1px solid black; padding: 2px 5px;">O</span>
0 : M	eCustomConfiguration.06 - EMS Custom Data Element Potential Values	<span style="border: 1px solid black; padding: 2px 5px;">O</span>
1 : M	PatientCareReport	

## EMSDataset

**Legend**Dataset 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
0 : 1	eCrew - Crew Member Information
1 : 1	eTimes - Call Event Times Information
1 : 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
0 : 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
0 : 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

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

## dAgency

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

## dAgency

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

## dAgency.01 - EMS Agency Unique State ID

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	1	50

### Data Element Comment

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

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

## dAgency.02 - EMS Agency Number

### Definition

The state-assigned provider number of the responding agency

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Constraints

Data Type	minLength	maxLength
string	1	15

### Data Element Comment

This is the primary identifier for the entire Demographic Section. Each of the Demographic sections must be associated with an EMS Agency Number. An EMS Agency can have more than one Agency Number within a state. This reflects the ability for an EMS Agency to have a different number for each service type or location (based on state implementation).

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

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	2	100

## Data Element Comment

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

## dAgency.04 - EMS Agency State

### Definition

The state/territory which assigned the EMS agency number.

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

### Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

### Constraints

<b>Data Type</b>	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](http://geonames.usgs.gov/domestic/download_data.htm)

## dAgency.05 - EMS Agency Service Area States

## Definition

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

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

## Constraints

<b>Data Type</b>	<b>length</b>
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](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 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      **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](http://geonames.usgs.gov/domestic/download_data.htm)

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

## dAgency.07 - EMS Agency Census Tracts

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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

### Constraints

Data Type	minLength	maxLength
string	1	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](http://www.census.gov/geo/www/2010census/tract_rel/tract_rel.html)

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

## dAgency.08 - EMS Agency Service Area ZIP Codes

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded      7701001 - Not Applicable

#### 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 Nullable	No
Usage	Mandatory	Recurrence	1 : 1

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Code List

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

### Data Element Comment

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

State

## dAgency.10 - Other Types of Service

### Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D01_06	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

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

#### Correlation ID

Data Type: String      minLength: 0      maxLength: 255

### Code List

#### Code      Description

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

### Data Element Comment

If no other services are provided beyond the Primary Service Type, Not Applicable should be used. This should include all of the types of services not listed in (dAgency.09) Primary Type of Service.

**dAgency.11 - Level of Service****Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

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

**Data Element Comment**

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

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

## dAgency.12 - Organization Status

## Definition

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

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

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

## Code List

**Code      Description**

1016001	Mixed
1016003	Non-Volunteer
1016005	Volunteer

## Data Element Comment

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

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

## dAgency.13 - Organizational Type

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Code List

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

### Data Element Comment

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

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

## dAgency.14 - EMS Agency Organizational Tax Status

### Definition

The EMS Agencies business/corporate organizational tax status

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Code List

#### Code      Description

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

### Data Element Comment

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

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

## dAgency.15 - Statistical Calendar Year

### Definition

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

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

### Constraints

Data Type	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 Area Size

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D01_12	Is 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	4,000,000

### Data Element Comment

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

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

## dAgency.17 - Total Service Area Population

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D01_13	Is 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	4,000,000

### Data Element Comment

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

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

## dAgency.18 - 911 EMS Call Center Volume per Year

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D01_14	Is 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	4,000,000

### Data Element Comment

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

### Version 3 Changes Implemented

Name Clarified with "Call Center"

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

## dAgency.19 - EMS Dispatch Volume per Year

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D01_15	Is 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	4,000,000

### Data Element Comment

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

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

## dAgency.20 - EMS Patient Transport Volume per Year

### Definition

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

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

### Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Constraints

Data Type	minValue	maxValue
positiveInteger	1	4,000,000

### Data Element Comment

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

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

## dAgency.21 - EMS Patient Contact Volume per Year

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Constraints

Data Type	minValue	maxValue
positiveInteger	1	4,000,000

### Data Element Comment

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

State

**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	4,000,000

**Data Element Comment**

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

## dAgency.23 - EMS Agency Time Zone

## Definition

The time zone for the EMS Agency.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D01_19	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

## Code      Description

1027001	All other time zones
1027003	GMT-04:00 Atlantic Time
1027005	GMT-05:00 Eastern Time
1027007	GMT-06:00 Central Time
1027009	GMT-07:00 Mountain Time
1027011	GMT-08:00 Pacific Time
1027013	GMT-09:00 Alaska
1027015	GMT-10:00 Hawaii
1027017	GMT-11:00 Midway Island, Samoa

## Data Element Comment

Associated with each of the EMS Agency Number (dAgency.02). If more than one Time Zone is located within the EMS Agency service area, please chose the time zone covering the greatest volume of EMS events.

## dAgency.24 - EMS Agency Daylight Savings Time Use

## Definition

Indicate if the EMS Agency conforms to Daylight Savings Time.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D01_20	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

## Code      Description

9923001 No  
9923003 Yes

## Data Element Comment

Associated with each of the EMS Agency Number (dAgency.02). If the EMS Agency service area contains areas with variations in Daylight Savings Time implementation, choose the response which best represents the majority of the EMS events.

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

## dAgency.25 - National Provider Identifier

### Definition

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

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

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

#### Correlation ID

Data Type: String

minLength: 0

maxLength: 255

### Constraints

Data Type	length
string	10

### Data Element Comment

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

## dAgency.26 - Fire Department ID Number

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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

### 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

0 : 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
0 : 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**

<b>Code</b>	<b>Description</b>
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)

**Data Element Comment**

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

## Data Element Comment

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	50

## Data Element Comment

## dContact.04 - Agency Contact Middle Name/Initial

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D02_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

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:** 1      **maxLength:** 55

## Constraints

<b>Data Type</b> string	<b>minLength</b> 1	<b>maxLength</b> 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](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**

<b>Data Type</b>	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](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](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][0-9]

## Data Element Comment

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

## Data Element Comment

# 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	<span style="border: 1px solid black; padding: 2px;">C</span>
1 : 1	dConfiguration.01 - State Associated with the Certification/Licensure Levels	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">M</span>
1 : M	dConfiguration.02 - State Certification Licensure Levels	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">M</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">C</span>
1 : M	dConfiguration.03 - Procedures Permitted by the State	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">R</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">N, L</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">C</span>
1 : M	dConfiguration.04 - Medications Permitted by the State	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">R</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">N, L</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">C</span>
1 : M	dConfiguration.05 - Protocols Permitted by the State	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">R</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">N, L</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">C</span>
1 : M	dConfiguration.ProcedureGroup	<span style="border: 1px solid black; padding: 2px;">C</span>
1 : 1	dConfiguration.06 - EMS Certification Levels Permitted to Perform Each Procedure	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">M</span>
1 : M	dConfiguration.07 - EMS Agency Procedures	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">M</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">C</span>
1 : M	dConfiguration.MedicationGroup	<span style="border: 1px solid black; padding: 2px;">C</span>
1 : 1	dConfiguration.08 - EMS Certification Level Permitted to Administer Each Medication	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">M</span>
1 : M	dConfiguration.09 - EMS Agency Medications	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">M</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">C</span>
1 : M	dConfiguration.10 - EMS Agency Protocols	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">M</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">C</span>
1 : M	dConfiguration.11 - EMS Agency Specialty Service Capability	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">M</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">C</span>
0 : 1	dConfiguration.12 - Billing Status	<span style="background-color: grey; border: 1px solid black; padding: 2px;">O</span>
1 : 1	dConfiguration.13 - Emergency Medical Dispatch (EMD) Provided to EMS Agency Services	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">M</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">C</span>
0 : M	dConfiguration.14 - EMD Vendor	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">E</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">N, L</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">C</span>
1 : M	dConfiguration.15 - Patient Monitoring Capability(s)	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">M</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">C</span>
1 : M	dConfiguration.16 - Crew Call Sign	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: grey; border: 1px solid black; padding: 2px;">M</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px;">C</span>
0 : M	dConfiguration.17 - Dispatch Center (CAD) Name or ID	<span style="background-color: grey; border: 1px solid black; padding: 2px;">O</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">C</span>

## 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

<b>Data Type</b>	length
string	2

### Data Element Comment

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

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

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

**State****National****dConfiguration.02 - State Certification Licensure Levels****Definition**

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

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

**Attributes****Correlation ID****Data Type:** String**minLength:** 0**maxLength:** 255**Code List**

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

**Data Element Comment**

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

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

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

## dConfiguration.03 - Procedures Permitted by the State

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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

Data Type	minValue	maxValue
integer	100000	1000000000

### Data Element Comment

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

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

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

#### SNOMEDCT

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

Product: Product - UMLS Metathesaurus

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

## 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 string	minLength 2	maxLength 7
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## Data Element Comment

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

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

## Version 3 Changes Implemented

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

List of medications based on RxNorm (RXCUI) code.

Reference the NEMESIS Suggested Lists at: <http://nemesis.org/v3/resources.html>

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

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

## dConfiguration.05 - Protocols Permitted by the State

### Definition

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

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

### Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

### Attributes

#### NOT Values

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-Cardiac Arrest
9914057	General-Dental Problems
9914059	General-Epistaxis
9914061	General-Fever

9914063 General-Individualized Patient Protocol  
9914065 General-Indwelling Medical Devices/Equipment  
9914067 General-IV Access  
9914069 General-Medical Device Malfunction  
9914071 General-Pain Control  
9914073 General-Spinal Immobilization/Clearance  
9914075 General-Universal Patient Care/ Initial Patient Contact  
9914077 Injury-Amputation  
9914079 Injury-Bites and Envenomations-Land  
9914081 Injury-Bites and Envenomations-Marine  
9914083 Injury-Bleeding/ Hemorrhage Control  
9914085 Injury-Burns-Thermal  
9914087 Injury-Cardiac Arrest  
9914089 Injury-Crush Syndrome  
9914091 Injury-Diving Emergencies  
9914093 Injury-Drowning/Near Drowning  
9914095 Injury-Electrical Injuries  
9914097 Injury-Extremity  
9914099 Injury-Eye  
9914101 Injury-Head  
9914103 Injury-Impaled Object  
9914105 Injury-Multisystem  
9914107 Injury-Spinal Cord  
9914109 Medical-Abdominal Pain  
9914111 Medical-Allergic Reaction/Anaphylaxis  
9914113 Medical-Altered Mental Status  
9914115 Medical-Bradycardia  
9914117 Medical-Cardiac Chest Pain  
9914119 Medical-Diarrhea  
9914121 Medical-Hyperglycemia  
9914123 Medical-Hypertension  
9914125 Medical-Hypoglycemia/Diabetic Emergency  
9914127 Medical-Hypotension/Shock (Non-Trauma)  
9914129 Medical-Influenza-Like Illness/ Upper Respiratory Infection  
9914131 Medical-Nausea/Vomiting  
9914133 Medical-Newborn/ Neonatal Resuscitation  
9914135 Medical-Overdose/Poisoning/Toxic Ingestion  
9914137 Medical-Pulmonary Edema/CHF  
9914139 Medical-Respiratory Distress/Asthma/COPD/Croup/Reactive Airway  
9914141 Medical-Seizure  
9914143 Medical-ST-Elevation Myocardial Infarction (STEMI)  
9914145 Medical-Stroke/TIA  
9914147 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)  
9914149 Medical-Syncope  
9914151 Medical-Ventricular Tachycardia (With Pulse)  
9914153 Not Done  
9914155 OB/GYN-Childbirth/Labor/Delivery  
9914157 OB/GYN-Eclampsia  
9914159 OB/GYN-Gynecologic Emergencies  
9914161 OB/GYN-Pregnancy Related Emergencies  
9914163 OB/GYN-Post-partum Hemorrhage  
9914165 Other

#### Data Element Comment

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

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

The list is defined by the NASEMSO State Medical Directors.

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

### **Version 3 Changes Implemented**

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

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

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

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Code List

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

### Data Element Comment

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

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

## dConfiguration.07 - EMS Agency Procedures

## Definition

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

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

## Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

## Attributes

## Correlation ID

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

## Constraints

<b>Data Type</b> integer	<b>minValue</b> 100000	<b>maxValue</b> 1000000000
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## Data Element Comment

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

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

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

## SNOMEDCT

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

Product: Product - UMLS Metathesaurus

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

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

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

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Code List

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

### Data Element Comment

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

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

## 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

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	2	7

## Data Element Comment

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

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

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

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

## 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-Cardiac Arrest
9914057	General-Dental Problems
9914059	General-Epistaxis
9914061	General-Fever
9914063	General-Individualized Patient Protocol
9914065	General-Indwelling Medical Devices/Equipment

9914067 General-IV Access  
9914069 General-Medical Device Malfunction  
9914071 General-Pain Control  
9914073 General-Spinal Immobilization/Clearance  
9914075 General-Universal Patient Care/ Initial Patient Contact  
9914077 Injury-Amputation  
9914079 Injury-Bites and Envenomations-Land  
9914081 Injury-Bites and Envenomations-Marine  
9914083 Injury-Bleeding/ Hemorrhage Control  
9914085 Injury-Burns-Thermal  
9914087 Injury-Cardiac Arrest  
9914089 Injury-Crush Syndrome  
9914091 Injury-Diving Emergencies  
9914093 Injury-Drowning/Near Drowning  
9914095 Injury-Electrical Injuries  
9914097 Injury-Extremity  
9914099 Injury-Eye  
9914101 Injury-Head  
9914103 Injury-Impaled Object  
9914105 Injury-Multisystem  
9914107 Injury-Spinal Cord  
9914109 Medical-Abdominal Pain  
9914111 Medical-Allergic Reaction/Anaphylaxis  
9914113 Medical-Altered Mental Status  
9914115 Medical-Bradycardia  
9914117 Medical-Cardiac Chest Pain  
9914119 Medical-Diarrhea  
9914121 Medical-Hyperglycemia  
9914123 Medical-Hypertension  
9914125 Medical-Hypoglycemia/Diabetic Emergency  
9914127 Medical-Hypotension/Shock (Non-Trauma)  
9914129 Medical-Influenza-Like Illness/ Upper Respiratory Infection  
9914131 Medical-Nausea/Vomiting  
9914133 Medical-Newborn/ Neonatal Resuscitation  
9914135 Medical-Overdose/Poisoning/Toxic Ingestion  
9914137 Medical-Pulmonary Edema/CHF  
9914139 Medical-Respiratory Distress/Asthma/COPD/Croup/Reactive Airway  
9914141 Medical-Seizure  
9914143 Medical-ST-Elevation Myocardial Infarction (STEMI)  
9914145 Medical-Stroke/TIA  
9914147 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)  
9914149 Medical-Syncope  
9914151 Medical-Ventricular Tachycardia (With Pulse)  
9914153 Not Done  
9914155 OB/GYN-Childbirth/Labor/Delivery  
9914157 OB/GYN-Eclampsia  
9914159 OB/GYN-Gynecologic Emergencies  
9914161 OB/GYN-Pregnancy Related Emergencies  
9914163 OB/GYN-Post-partum Hemorrhage  
9914165 Other

#### Data Element Comment

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

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

The list is defined by the NASEMSO State Medical Directors.

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

## dConfiguration.11 - EMS Agency Specialty Service Capability

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element		Is 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	Ski / Snow Rescue
1211023	Tactical EMS
1211025	Trench / Confined Space Rescue
1211027	Urban Search and Rescue (USAR)
1211029	Vehicle Extrication
1211031	Veterinary Medical Assistance Team (VMAT)
1211033	Water or Ice Related Rescue (Incl Swift Water)
1211035	Wilderness Search and Rescue

### Data Element Comment

## dConfiguration.12 - Billing Status

### Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D04_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Code List

#### Code      Description

9923001 No  
9923003 Yes

### Data Element Comment

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

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

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

## 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	string	minLength	2	maxLength	100
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## Data Element Comment

[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.

## 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

## Attributes

## Correlation ID

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

## Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	1	50

## Data Element Comment

## 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 Nullable	No
Usage	Optional	Recurrence	0 : M

## Attributes

## Correlation ID

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

## Constraints

<b>Data Type</b> string	<b>minLength</b> 2	<b>maxLength</b> 100
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## Data Element Comment

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

## Version 3 Changes Implemented

Added to the dataset to assist in identifying the CAD / dispatch center providing information to the EMS agency and ePCR when there are multiple dispatch centers sending resources to the same EMS incident.

# dLocation

## Legend

Dataset Level: N National    S State

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	<span style="border: 1px solid black; padding: 2px; background-color: #c0e0a0;">C</span>
0 : 1	dLocation.01 - EMS Location Type	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dLocation.02 - EMS Location Name	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dLocation.03 - EMS Location Number	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dLocation.04 - EMS Location GPS	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dLocation.05 - EMS Location US National Grid Coordinates	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dLocation.06 - EMS Location Address	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dLocation.07 - EMS Location City	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dLocation.08 - EMS Location State	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dLocation.09 - EMS Station or Location ZIP Code	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dLocation.10 - EMS Location County	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dLocation.11 - EMS Location Country	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : M	dLocation.12 - EMS Location Phone Number	<span style="border: 1px solid black; padding: 2px;">O</span> <span style="border: 1px solid black; padding: 2px; background-color: yellow;">C</span>

## 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	100

## Data Element Comment

## dLocation.03 - EMS Location Number

## Definition

The ID number of the EMS Location.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D05_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

## dLocation.04 - EMS Location GPS

## Definition

The GPS coordinate of the EMS location.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D05_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

## Pattern

(\+|-)?([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](http://www.fgdc.gov/usng).

## dLocation.06 - EMS Location Address

## Definition

The address of the EMS Location.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D05_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	55

## Data Element Comment

## 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 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](http://geonames.usgs.gov/domestic/download_data.htm)

## dLocation.08 - EMS Location State

## Definition

The state of the EMS Location.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D05_07	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

**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](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 Nullable	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](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](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]

## Data Element Comment

# 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

0 : 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	1	25

## Data Element Comment

This element can be used in EMS PCR documentation to document the vehicle. This element should be used to populate eResponse.13 (EMS Vehicle (Unit) Number).

## dVehicle.02 - Vehicle Identification Number

## Definition

The manufacturer's VIN associated with the vehicle.

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

## Constraints

**Data Type** string      **minLength** 17      **maxLength** 17

## Data Element Comment

Consider VIN standard ISO-3779 and ISO-3780.

## dVehicle.03 - EMS Unit Call Sign

## Definition

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

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

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

State

## dVehicle.04 - Vehicle Type

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D06_03	Is 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 Apparatus
1404009	Fixed Wing
1404011	Motorcycle
1404013	Other
1404015	Personal Vehicle
1404017	Quick Response Vehicle (Non-Transport Vehicle other than Fire Apparatus)
1404019	Rescue
1404021	Rotor Craft
1404023	Snow Vehicle
1404025	Watercraft

## Data Element Comment

## dVehicle.05 - Crew State Certification/Licensure Levels

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D06_04	Is 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
9917021	Critical Care Paramedic
9917023	Community Paramedicine

## Data Element Comment

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

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

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D06_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	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 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.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

## Data Element Comment

State

## dVehicle.10 - Vehicle Model Year

## Definition

The year the vehicle was manufactured.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D06_07	Is 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

## Data Element Comment

## dVehicle.11 - Year Miles/Kilometers Hours Accrued

## Definition

The year the hours and miles/kilometers were accumulated.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D06_08	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	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

0 : M	dPersonnel.PersonnelGroup	C
0 : 1	dPersonnel.NameGroup	
0 : 1	dPersonnel.01 - EMS Personnel's Last Name	S E N, L
0 : 1	dPersonnel.02 - EMS Personnel's First Name	S E N, L
0 : 1	dPersonnel.03 - EMS Personnel's Middle Name/Initial	S E N, L
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
0 : 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 - EMS Personnel's National Registry Number	O
0 : 1	dPersonnel.29 - EMS Personnel's National Registry Certification Level	O
0 : 1	dPersonnel.30 - EMS Personnel's Current National Registry Expiration Date	O
0 : 1	dPersonnel.31 - EMS Personnel's Employment Status	S E N, L
0 : 1	dPersonnel.32 - EMS Personnel's Employment Status Date	S E N, L
0 : 1	dPersonnel.33 - EMS Personnel's Hire Date	O
0 : 1	dPersonnel.34 - EMS Personnel's Primary EMS Job Role	S E N, L
0 : M	dPersonnel.35 - EMS Personnel's Other Job Responsibilities	S E N, L C
0 : 1	dPersonnel.36 - EMS Personnel's Total Length of Service in Years	O
0 : 1	dPersonnel.37 - EMS Personnel's Date Length of Service Documented	O
0 : M	dPersonnel.CertificationLevelGroup	C
0 : 1	dPersonnel.38 - EMS 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	Yes
Version 2 Element	D08_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

**Data Element Comment**

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	Yes
Version 2 Element	D08_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	50

**Data Element Comment**

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	Yes
Version 2 Element	D08_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	1	50

**Data Element Comment**

## dPersonnel.04 - EMS Personnel's Mailing Address

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D08_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	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 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](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](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](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]

## Data Element Comment

## dPersonnel.10 - EMS Personnel's Email Address

## Definition

The primary email address of the personnel.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D08_10	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

**Email Address**

9904001 - Personal      9904003 - Work

**Correlation ID**

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

## Constraints

<b>Data Type</b> string	<b>minLength</b> 3	<b>maxLength</b> 100
----------------------------	-----------------------	-------------------------

**Pattern**

.+@.+

## Data Element Comment

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

**Data Element Comment**

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 Nillable	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)

**Data Element Comment**

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&lvlID=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 Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

**Data Type** string      **length** 2

## Data Element Comment

Website: [http://www.iso.org/iso/country\\_codes/iso\\_3166\\_code\\_lists.htm](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

## Data Element Comment



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

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is 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

## Data Element Comment

## dPersonnel.18 - EMS Personnel's Immunization Status

## Definition

The type of immunization status.

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

## Code List

## Code      Description

9910001	Anthrax
9910003	Cholera
9910005	DPT (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

## Data Element Comment

## dPersonnel.19 - EMS Personnel's Immunization Year

## Definition

The year associated with each immunization type.

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

## Constraints

Data Type	minValue	maxValue
integer	1900	2050

## Data Element Comment

## dPersonnel.20 - EMS Personnel's Foreign Language Ability

## Definition

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

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

## Attributes

## 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

#### Data Element Comment

#### Version 3 Changes Implemented

Added to better describe the EMS workforce.

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

## Definition

The local agency ID number for the personnel.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D07_01	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

**Data Type** string      **minLength** 2      **maxLength** 50

## Data Element Comment

This is a local ID and not the ID associated with the state credential. This may be the same as the state credential ID depending on the state and local implementation. This should be a unique number and not reused.

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**

<b>Data Type</b>	length
string	2

**Data Element Comment**

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

**Data Element Comment**

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**

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

**Data Element Comment**

Added 2009 EMS Education Levels.

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

## 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

## Data Element Comment

## dPersonnel.28 - EMS Personnel's National Registry Number

## Definition

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

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

## Constraints

## Pattern

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

## Data Element Comment

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

## Definition

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

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

## Code List

## Code      Description

- 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

## Data Element Comment

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

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

## Definition

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

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

## Constraints

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

## Data Element Comment

State

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

The personnel's primary employment status for this agency.

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

**Attributes****NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

**Code List**

<b>Code</b>	<b>Description</b>
1531001	Full Time Paid Employee
1531003	Part Time Paid Employee
1531005	Volunteer
1531007	Neither an Employee Nor a Volunteer

**Data Element Comment**

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

**Data Element Comment**

## dPersonnel.33 - EMS Personnel's Hire Date

## Definition

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

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

## Constraints

Data Type	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
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

## 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

## Data Element Comment

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

## Definition

The date which the length of EMS service was documented.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D08_20	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	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
9917021	Critical Care Paramedic
9917023	Community Paramedicine

## Data Element Comment

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

## 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

## Data Element Comment

# 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	<span style="border: 1px solid black; padding: 2px; background-color: #90EE90;">C</span>
0 : 1	dDevice.01 - Medical Device Serial Number	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dDevice.02 - Medical Device Name or ID	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : M	dDevice.03 - Medical Device Type	<span style="border: 1px solid black; padding: 2px;">O</span> <span style="border: 1px solid black; padding: 2px; background-color: yellow;">C</span>
0 : 1	dDevice.04 - Medical Device Manufacturer	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dDevice.05 - Medical Device Model Number	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	dDevice.06 - Medical Device Purchase Date	<span style="border: 1px solid black; padding: 2px;">O</span>

## 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

## Data Element Comment

## dDevice.02 - Medical Device Name or ID

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D09_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	2	50

## Data Element Comment

## dDevice.03 - Medical Device Type

## Definition

The type of medical device.

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

## Attributes

## 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 - Medical Device Manufacturer

## Definition

The manufacturer of the medical device.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D09_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

<b>Data Type</b> string	<b>minLength</b> 2	<b>maxLength</b> 50
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## Data Element Comment

## dDevice.05 - Medical Device Model Number

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D09_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

<b>Data Type</b> string	<b>minLength</b> 2	<b>maxLength</b> 50
----------------------------	-----------------------	------------------------

## Data Element Comment

## dDevice.06 - Medical Device Purchase Date

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D09_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

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

## Data Element Comment

# 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 : M	dFacility.04 - Hospital Designations	O C
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	D04_15	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Code List

**Code      Description**

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

### Data Element Comment

## dFacility.02 - Facility Name

## Definition

The name of the facility.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D04_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	2	100

## Data Element Comment

## dFacility.03 - Facility Location Code

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D04_12	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	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 : M

**Attributes****Correlation ID**

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

**Code List**

<b>Code</b>	<b>Description</b>
9908001	Behavioral Health
9908003	Burn Center
9908005	Critical Access Hospital
9908007	Hospital (General)
9908009	Neonatal Center
9908011	Pediatric Center
9908013	STEMI
9908015	STEMI Center (24/7)
9908017	Stroke Center
9908019	Rehab Center
9908021	Trauma Center Level 1
9908023	Trauma Center Level 2
9908025	Trauma Center Level 3
9908027	Trauma Center Level 4
9908029	Trauma Center Level 5

**Data Element Comment**

To be documented when in eDisposition.21 "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

## Data Element Comment

## dFacility.06 - Facility Room, Suite, or Apartment

## Definition

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

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

## Constraints

Data Type	minLength	maxLength
string	1	15

## Data Element Comment

## dFacility.07 - Facility Street Address

## Definition

The address where the facility is located.

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

## Attributes

## Street Address 2

**Data Type:** string      **minLength:** 1      **maxLength:** 55

## Constraints

<b>Data Type</b> string	<b>minLength</b> 1	<b>maxLength</b> 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](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](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](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](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](http://www.fgdc.gov/usng). The information contained within this element could be used to populate the address information within eScene.11 (Scene US National Grid Coordinates) and/or eDisposition.10 (Disposition Location US National Grid Coordinates) as appropriate.

# 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	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">C</span>
0 : 1	dCustomConfiguration.01 - Custom Data Element Title	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>
0 : 1	dCustomConfiguration.02 - Custom Definition	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>
0 : 1	dCustomConfiguration.03 - Custom Data Type	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>
0 : 1	dCustomConfiguration.04 - Custom Data Element Recurrence	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>
0 : 1	dCustomConfiguration.05 - Custom Data Element Usage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>
0 : M	dCustomConfiguration.06 - Custom Data Element Potential Values	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>

## 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

## Data Element Comment

## dCustomConfiguration.03 - Custom Data Type

## Definition

The data type of the custom element.

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

## Code List

## Code      Description

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

## Data Element Comment

## dCustomConfiguration.04 - Custom Data Element Recurrence

## Definition

Indication if the data element will accept multiple values.

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

## Code List

## Code      Description

9923001	No
9923003	Yes

## Data Element Comment

## Version 3 Changes Implemented

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

## dCustomConfiguration.05 - Custom Data Element Usage

## Definition

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

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

## Code List

## Code      Description

- |         |             |
|---------|-------------|
| 9903001 | Mandatory   |
| 9903003 | Required    |
| 9903005 | Recommended |
| 9903007 | Optional    |

## Data Element Comment

Mandatory = Must be completed and will not accept null values

Required = Must be completed but will accept null values

Recommended = Not required but if collected will accept null values

Optional = Not required but if collected, it cannot be a null value.

## Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the 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 Nillable	No
Usage	Optional	Recurrence	0 : M

## Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	1	100

## Data Element Comment

## 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	<span style="border: 1px solid black; padding: 2px; background-color: #c0e0c0;">C</span>
0 : 1	dCustomResults.01 - Custom Data Element Result	<span style="border: 1px solid black; padding: 2px; background-color: #d0d0d0;">O</span>
0 : 1	dCustomResults.02 - Custom Data Element Reference	<span style="border: 1px solid black; padding: 2px; background-color: #d0d0d0;">O</span>
0 : 1	dCustomResults.03 - Custom Correlation ID	<span style="border: 1px solid black; padding: 2px; background-color: #d0d0d0;">O</span>

## 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 Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
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

## Data Element Comment

## 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

## Data Element Comment

# dState

**Legend**Dataset 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**dState**

0 : M    dState.01 - State Required Element

**O****dState**

## dState.01 - State Required Element

## Definition

Indicates which elements are required by the state.

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

## Constraints

Data Type	minLength	maxLength
string	1	100

## Data Element Comment

# 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	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span>	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: gray; border: 1px solid black; padding: 2px;">M</span>
1 : 1	eRecord.SoftwareApplicationGroup			
1 : 1	eRecord.02 - Software Creator	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span>	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: gray; border: 1px solid black; padding: 2px;">M</span>
1 : 1	eRecord.03 - Software Name	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span>	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: gray; border: 1px solid black; padding: 2px;">M</span>
1 : 1	eRecord.04 - Software Version	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span>	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: gray; border: 1px solid black; padding: 2px;">M</span>

## 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

<b>Data Type</b> string	<b>minLength</b> 3	<b>maxLength</b> 32
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### Data Element Comment

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

## eRecord.02 - Software Creator

### Definition

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

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

### Constraints

Data Type	minLength	maxLength
string	1	50

### Data Element Comment

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

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

## eRecord.03 - Software Name

### Definition

The name of the application used to create this record.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E01_03	Is 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

### Data Element Comment

# 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			
1 : 1	eResponse.15 - Level of Care of This Unit	N	S	M			
0 : 1	eResponse.16 - Vehicle Dispatch Location	O					
0 : 1	eResponse.17 - Vehicle Dispatch GPS Location	O					
0 : 1	eResponse.18 - Vehicle Dispatch US National Grid Location	O					
0 : 1	eResponse.19 - Beginning Odometer Reading of Responding Vehicle	S	O				
0 : 1	eResponse.20 - On-Scene Odometer Reading of Responding Vehicle	S	O				
0 : 1	eResponse.21 - Patient Destination Odometer Reading of Responding Vehicle	S	O				
0 : 1	eResponse.22 - Ending Odometer Reading of Responding Vehicle	S	O				
1 : 1	eResponse.23 - Response Mode to Scene	N	S	M			
1 : M	eResponse.24 - 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

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	1	15

### Data Element Comment

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

State

## 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	100

## Data Element Comment

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

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

## eResponse.03 - Incident Number

### Definition

The incident number assigned by the 911 Dispatch System

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E02_02	Is 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

### Data Element Comment

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

## eResponse.05 - Type of Service Requested

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Code List

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

### Data Element Comment

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

## eResponse.06 - Standby Purpose

## Definition

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

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

## Code List

## Code      Description

- 2206001 Disaster Event-Drill/Exercise
- 2206003 Disaster Event-Live Staging
- 2206005 Education
- 2206007 EMS Staging-Improve Coverage
- 2206009 Fire Support-Rehab
- 2206011 Fire Support-Standby
- 2206013 Mass Gathering-Concert/Entertainment Event
- 2206015 Mass Gathering-Fair/Community Event
- 2206017 Mass Gathering-Sporting Event
- 2206019 Other (Not Listed)
- 2206021 Public Safety Support

## Data Element Comment

Added to document the reason for "Standby" when populated in eResponse.05 (Type of Service Requested). This information will assist in administrative analysis of EMS service delivery, special event coverage, etc.

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

## eResponse.07 - Primary Role of the Unit

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Code List

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

### Data Element Comment

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

## eResponse.08 - Type of Dispatch Delay

## Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E02_06	Is 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

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

## Data Element Comment

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

## eResponse.09 - Type of Response Delay

### Definition

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

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

### Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded      7701001 - Not Applicable

#### Correlation ID

Data Type: String      minLength: 0      maxLength: 255

### Code List

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

### Data Element Comment

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

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

## eResponse.10 - Type of Scene Delay

## Definition

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

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

## Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

## Attributes

## NOT Values

7701003 - Not Recorded      7701001 - Not Applicable

## Correlation ID

Data Type: String      minLength: 0      maxLength: 255

## Code List

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

## Data Element Comment

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

## eResponse.11 - Type of Transport Delay

## Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E02_09	Is 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	Rendezvous Transport Unavailable
2211017	Route Obstruction (e.g., Train)
2211019	Safety
2211021	Staff Delay
2211023	Traffic
2211025	Vehicle Crash Involving this Unit
2211027	Vehicle Failure of this Unit
2211029	Weather

## Data Element Comment

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

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

## eResponse.12 - Type of Turn-Around Delay

## Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E02_10	Is Nullable	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	Rendezvous Transport Unavailable
2212021	Route Obstruction (e.g. Train)
2212023	Staff Delay
2212025	Traffic
2212027	Vehicle Crash of this Unit
2212029	Vehicle Failure of this Unit
2212031	Weather

## Data Element Comment

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

If a patient is being transported by the unit, turn-around delay is any time delay that occurs from the time the patient arrived at the destination (eTimes.10) until the time the unit is back in service (eTimes.13) or unit back at the home location (eTimes15) [whichever is the greater of the two times].

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

## 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	E02_12	Is Nullable	No
Usage	Mandatory	Recurrence	1 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

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

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

## eResponse.15 - Level of Care of This Unit

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Code List

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

### Data Element Comment

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

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

## eResponse.16 - 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	100

## Data Element Comment

This element can be populated from dLocation.02 EMS Location Name or dFacility information. Depending on the information the EMS Agency or State is interested in knowing the following elements can be utilized:

1. dLocation.02 EMS Location Name
2. dFacility.02 Facility Name
3. dFacility.03 Facility Code
4. dFacility.15 Facility GPS Location

## eResponse.17 - Vehicle Dispatch GPS Location

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_15	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Response

## Constraints

## Pattern

(\+|-)?([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.18 - 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](http://www.fgdc.gov/usng). Used by the EMS components of US Governmental entities such as national parks and military agencies.

State

## eResponse.19 - Beginning Odometer Reading of Responding Vehicle

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_16	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	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.20 - On-Scene Odometer Reading of Responding Vehicle

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_17	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

<b>Data Type</b>	<b>totalDigits</b>	<b>fractionDigits</b>
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.21 - Patient Destination Odometer Reading of Responding Vehicle

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_18	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

<b>Data Type</b>	<b>totalDigits</b>	<b>fractionDigits</b>
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.22 - Ending Odometer Reading of Responding Vehicle

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E02_19	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

<b>Data Type</b>	<b>totalDigits</b>	<b>fractionDigits</b>
decimal	8	2

## Data Element Comment

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

## eResponse.23 - Response Mode to Scene

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Code List

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

### Data Element Comment

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

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

## eResponse.24 - Additional Response Mode Descriptors

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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

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

### Data Element Comment

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

# eDispatch

## Legend

Dataset Level: N National    S State

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	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span>	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: gray; border: 1px solid black; padding: 2px;">M</span>
1 : 1	eDispatch.02 - EMD Performed	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span>	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: gray; border: 1px solid black; padding: 2px;">R</span> <span style="background-color: lightyellow; border: 1px solid black; padding: 2px;">N, L</span>
0 : 1	eDispatch.03 - EMD Card Number		<span style="background-color: gray; border: 1px solid black; padding: 2px;">O</span>	
0 : 1	eDispatch.04 - Dispatch Center Name or ID		<span style="background-color: gray; border: 1px solid black; padding: 2px;">O</span>	
0 : 1	eDispatch.05 - Dispatch Priority (Patient Acuity)		<span style="background-color: gray; border: 1px solid black; padding: 2px;">O</span>	

## eDispatch

## eDispatch.01 - Complaint Reported by Dispatch

## Definition

The complaint dispatch reported to the responding unit.

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

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

## Code List

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

- 2301073 Traumatic Injury
- 2301075 Well Person Check
- 2301077 Unconscious/Fainting/Near-Fainting
- 2301079 Unknown Problem/Person Down

#### Data Element Comment

Added Pandemic/Epidemic/Outbreak.  
Added Automated Crash Notification  
Added Healthcare Professional Admission  
Added Interfacility/Evaluation/Transfer  
- Other entries expanded based on current national EMD Dispatch List

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

## eDispatch.02 - EMD Performed

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

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

### Data Element Comment

## eDispatch.03 - EMD Card Number

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E03_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	1	10

## Data Element Comment

## eDispatch.04 - Dispatch Center Name or ID

## Definition

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

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

## Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
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.

## eDispatch.05 - Dispatch Priority (Patient Acuity)

### Definition

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

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

### Code List

#### Code      Description

- 2305001 Priority 1 (Critical)
- 2305003 Priority 2 (Emergent)
- 2305005 Priority 3 (Lower Acuity)
- 2305007 Priority 4 (Non-Acute [e.g. Scheduled Transfer or Standby])

### Data Element Comment

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

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

Echo = Priority 1	Charlie = Priority 2	Alpha = Priority 3
Delta = Priority 1	Bravo = Priority 2	Omega = Priority 4

Priority 1 is typically an emergent (lights and sirens) response

Priority 2 is typically an emergent response without the use lights and sirens

Priority 3 is typically a non-emergent response for nursing home, hospital-to-hospital transfers, etc.

Priority 4 is typically a scheduled response (scheduled transfer) or standby event

Definitions related to "Critical, Emergent, and Lower Acuity" can be found in the National EMS Core Content document from NHTSA EMS (DOT HS 809-898 July 2005) at

<http://www.nhtsa.gov/people/injury/ems/emscorecontent/images/EMSCoreContent.pdf>

# 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

0 : M	eCrew.CrewGroup	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">C</span>
0 : 1	eCrew.01 - Crew Member ID	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px;">E</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">N, L</span>
0 : 1	eCrew.02 - Crew Member Level	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px;">E</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">N, L</span>
0 : M	eCrew.03 - Crew Member Response Role	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px;">E</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">N, L</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">C</span>

## 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**

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
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
2302029	Critical Care Paramedic
2302031	Community Paramedicine

**Data Element Comment**

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

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 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

#### 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	<b>N</b>	<b>S</b>	<b>R</b>	<b>N, L</b>
0 : 1	eTimes.02 - Dispatch Notified Date/Time		<b>O</b>		
1 : 1	eTimes.03 - Unit Notified by Dispatch Date/Time	<b>N</b>	<b>S</b>	<b>M</b>	
0 : 1	eTimes.04 - Dispatch Acknowledged Date/Time		<b>O</b>		
1 : 1	eTimes.05 - Unit En Route Date/Time	<b>N</b>	<b>S</b>	<b>R</b>	<b>N, L</b>
1 : 1	eTimes.06 - Unit Arrived on Scene Date/Time	<b>N</b>	<b>S</b>	<b>R</b>	<b>N, L</b>
1 : 1	eTimes.07 - Arrived at Patient Date/Time	<b>N</b>	<b>S</b>	<b>R</b>	<b>N, L</b>
0 : 1	eTimes.08 - Transfer of EMS Patient Care Date/Time	<b>S</b>	<b>E</b>		<b>N, L</b>
1 : 1	eTimes.09 - Unit Left Scene Date/Time	<b>N</b>	<b>S</b>	<b>R</b>	<b>N, L</b>
0 : 1	eTimes.10 - Arrival at Destination Landing Area Date/Time		<b>O</b>		
1 : 1	eTimes.11 - Patient Arrived at Destination Date/Time	<b>N</b>	<b>S</b>	<b>R</b>	<b>N, L</b>
1 : 1	eTimes.12 - Destination Patient Transfer of Care Date/Time	<b>N</b>	<b>S</b>	<b>R</b>	<b>N, L</b>
1 : 1	eTimes.13 - Unit Back in Service Date/Time	<b>N</b>	<b>S</b>	<b>M</b>	
0 : 1	eTimes.14 - Unit Canceled Date/Time	<b>S</b>	<b>O</b>		
0 : 1	eTimes.15 - Unit Back at Home Location Date/Time		<b>O</b>		
0 : 1	eTimes.16 - EMS Call Completed Date/Time		<b>O</b>		

## 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

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

## Pattern

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

## Data Element Comment

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

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

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

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

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

## 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	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 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 Nullable	No
Usage	Mandatory	Recurrence	1 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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.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 Nullable	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

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+)? (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.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

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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

## 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}:[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](#)

## 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

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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}(:[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

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

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E05_08	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

## Attributes

## NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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

## 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

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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

## 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	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.11 - Patient Arrived at Destination Date/Time

## Definition

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

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

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

## Attributes

## NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

#### Pattern

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

### Data Element Comment

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

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (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 Nillable	No
Usage	Mandatory	Recurrence	1 : 1

## Associated Performance Measure Initiatives

Response

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

## Pattern

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

## Data Element Comment

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

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

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

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

State

## eTimes.14 - Unit Canceled Date/Time

## Definition

The date/time the unit was canceled.

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

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 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

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

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

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

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

## eTimes.16 - EMS Call Completed Date/Time

## Definition

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

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

## Associated Performance Measure Initiatives

Response

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

## Pattern

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

## Data Element Comment

For 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

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

**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	50

**Data Element Comment**

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

## ePatient.04 - Middle Initial/Name

## Definition

The patient's middle name, if any

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

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:** 1

**maxLength:** 55

### Constraints

**Data Type** string      **minLength** 1      **maxLength** 55

### Data Element Comment

This is a CMS standard. According to the Medicare Claims Processing Manual, Chapter 15 - Ambulance, Ambulance suppliers bill using CMS-1500 form or CMS-1450 form for institution-based ambulance providers. This standard adheres to CMS-1500 and 1450.

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

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](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](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 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** 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](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](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](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** integer      **minValue** 000000000      **maxValue** 999999999

## Data Element Comment

[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)

### Data Element Comment

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

## ePatient.14 - Race

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

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&lvlID=172>. Using single multiple choice question methodology to improve the completion of ethnicity information.

Ethnicity (Version 2.2.1: E06\_13) has been merged with this data element and retired.

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

## ePatient.15 - Age

### Definition

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

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

### Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Constraints

Data Type	minValue	maxValue
integer	1	120

### Data Element Comment

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

## ePatient.16 - Age Units

### Definition

The unit used to define the patient's age

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Code List

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

### Data Element Comment

State

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

The patient's date of birth

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

**Attributes****NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

**Pertinent Negatives**

8801023 - Unable to Complete

8801019 - Refused

**Constraints**

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

**Data Element Comment**

## ePatient.18 - Patient's Phone Number

## Definition

The patient's phone number

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_17	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

## 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

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

## ePatient.19 - Patient's Email Address

### Definition

The email address of the patient

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

### Attributes

#### 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 follow-up and billing communication.

## ePatient.20 - State Issuing Driver's License

## Definition

The state that issued the drivers license

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_18	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

**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](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

## Data Element Comment

# ePayment

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

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	<b>ePayment.EmployerGroup</b>		
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 : 1	ePayment.39 - Patient's Employer's Primary Phone Number	[O]	
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 Payer	[O]	
0 : M	<b>ePayment.SupplyItemGroup</b>		
	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

### Data Element Comment

## ePayment.02 - Physician Certification Statement

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

## Code      Description

9922001	No
9922003	Unknown
9922005	Yes

## Data Element Comment

Data Element Name changed from Certificate of Medical Necessity to Physician Certification Statement. The PCS statement and documentation of medical necessity is a requirement of the Centers for Medicare & Medicaid Services. The circumstances are defined in 42 CFR 410.40 (d)(2) and (d)(3). <http://www.cms.gov/>

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})

## 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

## Data Element Comment

## 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	50

## Data Element Comment

Added to assist in billing documentation.

## ePayment.08 - Patient Resides in Service Area

### Definition

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

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

### Code List

#### Code      Description

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

### Data Element Comment

Added to assist in billing documentation.

## ePayment.09 - Insurance Company ID

### Definition

The ID Number of the patient's insurance company.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Constraints

Data Type	minLength	maxLength
string	2	60

### Data Element Comment

## 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

## Data Element Comment

## ePayment.11 - Insurance Company Billing Priority

## Definition

The billing priority or order for the insurance company.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

**Code      Description**

- |         |           |
|---------|-----------|
| 2611001 | Other     |
| 2611003 | Primary   |
| 2611005 | Secondary |

## Data Element Comment

## ePayment.12 - Insurance Company Address

### Definition

The mailing address of the Insurance Company

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Attributes

#### Street Address 2

**Data Type:** string      **minLength:** 1      **maxLength:** 55

### Constraints

**Data Type** string      **minLength** 1      **maxLength** 55

### Data Element Comment

## 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](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 Nillable	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](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](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

## Data Element Comment

## ePayment.18 - Insurance Policy ID Number

## Definition

The ID number of the patient's insurance policy

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	2	30

## Data Element Comment

## ePayment.19 - Last Name of the Insured

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

## ePayment.20 - First Name of the Insured

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_12	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

## ePayment.21 - Middle Initial/Name of the Insured

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_13	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

## ePayment.22 - Relationship to the Insured

## Definition

The relationship of the patient to the primary insured person

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_14	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

**Code      Description**

2622001	Self
2622003	Spouse
2622005	Child/Dependent
2622007	Other

## Data Element Comment

## ePayment.23 - Closest Relative/Guardian Last Name

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_18	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

## ePayment.24 - Closest Relative/ Guardian First Name

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_19	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

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

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_20	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

## 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:** 1      **maxLength:** 55

## Constraints

**Data Type** string      **minLength** 1      **maxLength** 55

## Data Element Comment

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

## ePayment.27 - Closest Relative/ Guardian City

## Definition

The 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](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](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](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]

## Data Element Comment

## ePayment.32 - Closest Relative/ Guardian Relationship

## Definition

The relationship of the patient's closest relative or guardian

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_26	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

Code	Description
2632001	Appointed Guardian
2632003	Child/Dependent
2632005	Father
2632007	Mother
2632009	Other (Non-Relative)
2632011	Other (Relative)
2632013	Sibling
2632015	Spouse

## Data Element Comment

## ePayment.33 - Patient's Employer

## Definition

The patient's employers Name

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_27	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	2	60

## Data Element Comment

## ePayment.34 - Patient's Employer's Address

### Definition

The street address of the patient's employer

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_28	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Attributes

#### Street Address 2

**Data Type:** string      **minLength:** 1      **maxLength:** 55

### Constraints

**Data Type** string      **minLength** 1      **maxLength** 55

### Data Element Comment

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

## ePayment.35 - Patient's Employer's City

### Definition

The city 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](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](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](http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm)

### Version 3 Changes Implemented

Added to improve international compatibility.

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

### Definition

The employer's primary phone number.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_32	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Attributes

#### Phone Number

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

### Constraints

#### Pattern

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

### Data Element Comment

## ePayment.40 - Response Urgency

### Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_33	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Code List

#### Code      Description

- |         |               |
|---------|---------------|
| 2640001 | Immediate     |
| 2640003 | Non-Immediate |

### Data Element Comment

This is for billing documentation.

## ePayment.41 - Patient Transport Assessment

## Definition

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

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

## Attributes

## 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](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** string      **minLength** 2      **maxLength** 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)

### Data Element Comment

## ePayment.51 - EMS Condition Code

### Definition

The condition code associated with the CMS EMS negotiated rule-making process.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_35	Is Nillable	No
Usage	Optional	Recurrence	0 : M

### Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      STEMI      Stroke      Trauma

### Attributes

#### Correlation ID

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

### Constraints

#### Pattern

[0-9A-HJ-NP-Z][0-9A-Za-z]{1,6}

### Data Element Comment

Code list is represented in ICD-10-CM Codes:

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

Product - UMLS Metathesaurus

## ePayment.52 - CMS Transportation Indicator

## Definition

The CMS Ambulance Fee Schedule Transportation and Air Medical Transportation Indicators are used to better describe why it was necessary for the patient to be transported in a particular way or circumstance.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E07_37	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

## 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	Rare Circumstances, Traffic Patterns Precludes Ground Transport
D3	Time to the closest appropriate hospital due to the patient's condition precludes ground transport; maximize clinical benefits
D4	Pick up Point not Accessible by Ground Transport

## Data Element Comment

Name changed from Condition Code Modifier to CMS Transportation Indicator

## Version 3 Changes Implemented

Name changed from Condition Code Modifier to CMS Transportation Indicator

## ePayment.53 - Transport Authorization Code

## Definition

Prior authorization code provided by the insurance carrier/payer.

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

## Constraints

Data Type	minLength	maxLength
string	2	52

## Data Element Comment

## Version 3 Changes Implemented

Added to improve billing documentation.

## ePayment.54 - Prior Authorization Code Payer

### Definition

The Payer who has provided the Prior Authorization Code.

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

### Constraints

Data Type	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	minLength	maxLength
string	2	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 - Triage Classification for MCI Patient	N	S	R	N, L
1 : 1	eScene.09 - Incident Location Type	N	S	R	N, L
0 : 1	eScene.10 - Incident Facility Code	S	E		N, L
0 : 1	eScene.11 - Scene GPS Location	S	O		
0 : 1	eScene.12 - Scene US National Grid Coordinates	S	O		
0 : 1	eScene.13 - Incident Facility or Location Name	S	O		
0 : 1	eScene.14 - Mile Post or Major Roadway	S	E		N, L
0 : 1	eScene.15 - Incident Street Address	S	E		N, L
0 : 1	eScene.16 - Incident Apartment, Suite, or Room	S	E		N, L
0 : 1	eScene.17 - Incident City	S	E		N, L
1 : 1	eScene.18 - Incident State	N	S	R	N, L
1 : 1	eScene.19 - Incident ZIP Code	N	S	R	N, L
0 : 1	eScene.20 - Scene Cross Street or Directions	S	E		N, L
1 : 1	eScene.21 - Incident County	N	S	R	N, L
0 : 1	eScene.22 - Incident Country	O			
0 : 1	eScene.23 - 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

## eScene.03 - Other EMS or Public Safety Agency ID Number

## Definition

The ID number for the EMS Agency or Other Public Safety listed in eScene.02

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

## Constraints

**Data Type** string      **minLength** 1      **maxLength** 25

## Data Element Comment

The ID should be the state ID (license number) for the EMS agency or ID number for the law enforcement. This may be an ID assigned by the state or created by the EMS agency.

## eScene.04 - Type of Other Service at Scene

## Definition

The type of public safety or EMS service associated with Other Agencies on Scene

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

<b>Code</b>	<b>Description</b>
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

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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

### Data Element Comment

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

## eScene.07 - Mass Casualty Incident

### Definition

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

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

### Associated Performance Measure Initiatives

Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Code List

Code	Description
9923001	No
9923003	Yes

### Data Element Comment

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

## eScene.08 - Triage Classification for MCI Patient

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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
2708001	Red - Immediate
2708003	Yellow - Delayed
2708005	Green - Minimal (Minor)
2708007	Gray - Expectant
2708009	Black - Deceased

### Data Element Comment

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

Examples of triage systems include START and SALT.

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

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

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

## eScene.09 - Incident Location Type

### Definition

The kind of location where the incident happened

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Constraints

#### Pattern

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

### Data Element Comment

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

ICD-10-CM

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

Product - UMLS Metathesaurus

State

## eScene.10 - Incident Facility Code

### Definition

The state, regulatory, or other unique number (code) associated with the facility if the Incident is a Healthcare Facility.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_08	Is 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 may be populated from a list created within dFacility.03 (Facility Location Code) or dFacility.05 (Facility National Provider Identifier).

State

## eScene.11 - Scene GPS Location

### Definition

The GPS coordinates associated with the Scene.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E08_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Constraints

#### Pattern

(\+|-)?([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.12 - Scene US National Grid Coordinates

### Definition

The US National Grid Coordinates for the Scene.

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

### Constraints

#### Pattern

[1][0-9][R,S,T,U][ABCDEFGHIJKLMNOPQRSTUVWXYZ][ABCDEFGHIJKLMNOPQRSTUVWXYZ][0-9]{8}

### Data Element Comment

Standard found at [www.fgdc.gov/usng](http://www.fgdc.gov/usng)

State

## eScene.13 - Incident Facility or Location Name

### Definition

The name of the facility, business, building, etc. associated with the scene of the EMS event.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element		Is 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.14 - Mile Post or Major Roadway

### Definition

The mile post or major roadway associated with the incident locations

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

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Constraints

Data Type	minLength	maxLength
string	2	35

### Data Element Comment

State

## eScene.15 - Incident Street Address

### Definition

"The street address where the patient was found, or, if no patient, the address to which the unit responded."

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

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

#### Street Address 2

**Data Type:** string      **minLength:** 1      **maxLength:** 55

### Constraints

<b>Data Type</b> string	<b>minLength</b> 1	<b>maxLength</b> 55
----------------------------	-----------------------	------------------------

### Data Element Comment

This is a CMS standard. According to the Medicare Claims Processing Manual, Chapter 15 - Ambulance, Ambulance suppliers bill using CMS-1500 form or CMS-1450 form for institution-based ambulance providers.

State

## eScene.16 - Incident Apartment, Suite, or Room

### Definition

The number of the specific apartment, suite, or room where the incident occurred.

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

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Constraints

Data Type	minLength	maxLength
string	1	15

### Data Element Comment

State

## eScene.17 - Incident City

## Definition

The city or township (if applicable) where the patient was found or to which the unit responded (or best approximation)

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_12	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

## Attributes

## NOT Values

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](http://geonames.usgs.gov/domestic/download_data.htm)

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

## eScene.18 - Incident State

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Constraints

<b>Data Type</b>	<b>length</b>
string	2

### Data Element Comment

Based on the ANSI State Code.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

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

## eScene.19 - Incident ZIP Code

### Definition

The ZIP code of the incident location

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

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.20 - Scene Cross Street or Directions

## Definition

The nearest cross street to the incident address or directions from a recognized landmark or the second street name of an intersection.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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

## Version 3 Changes Implemented

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

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

## eScene.21 - Incident County

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E08_13	Is 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](http://geonames.usgs.gov/domestic/download_data.htm)

## eScene.22 - Incident Country

### Definition

The country of the incident location.

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

### Constraints

**Data Type** string **length** 2

### Data Element Comment

Based on the ISO Country Code.

ANSI Country Codes (ISO 3166) Website: [http://www.iso.org/iso/country\\_codes/iso\\_3166\\_code\\_lists.htm](http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm)

### Version 3 Changes Implemented

Added for international compatibility.

## eScene.23 - Incident Census Tract

## Definition

The census tract in which the incident occurred.

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

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

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](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

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

## eSituation

1 : 1	eSituation.01 - Date/Time of Symptom Onset/Last Normal	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : 1	eSituation.02 - Possible Injury	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
0 : M	eSituation.PatientComplaintGroup	<b>C</b>
0 : 1	eSituation.03 - Complaint Type	<b>S</b> <b>E</b> <b>N, L</b>
0 : 1	eSituation.04 - Complaint	<b>S</b> <b>E</b> <b>N, L</b>
0 : 1	eSituation.05 - Duration of Complaint	<b>S</b> <b>E</b> <b>N, L</b>
0 : 1	eSituation.06 - Time Units of Duration of Complaint	<b>S</b> <b>E</b> <b>N, L</b>
1 : 1	eSituation.07 - Chief Complaint Anatomic Location	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : 1	eSituation.08 - Chief Complaint Organ System	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : 1	eSituation.09 - Primary Symptom	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : M	eSituation.10 - Other Associated Symptoms	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b> <b>C</b>
1 : 1	eSituation.11 - Provider's Primary Impression	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : M	eSituation.12 - Provider's Secondary Impressions	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b> <b>C</b>
1 : 1	eSituation.13 - Initial Patient Acuity	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
0 : 1	eSituation.WorkRelatedGroup	
	eSituation.14 - Work-Related Illness/Injury	<b>S</b> <b>E</b> <b>N, L</b>
	eSituation.15 - Patient's Occupational Industry	<b>O</b>
	eSituation.16 - Patient's Occupation	<b>O</b>
0 : M	eSituation.17 - Patient Activity	<b>S</b> <b>E</b> <b>N, L</b> <b>C</b>

## 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	E05_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

## Attributes

## NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00

## Pattern

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

## Data Element Comment

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

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

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

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	2	50

## Data Element Comment

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	365

### 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.

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

## eSituation.08 - Chief Complaint Organ System

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_12	Is 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](.[0-9]{0,4})?|R73.9|R99

### Data Element Comment

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

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

ICD-10-CM

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

Product - UMLS Metathesaurus

## 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](.[0-9]{0,4})?|R73.9|R99

### Data Element Comment

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

ICD-10-CM

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

Product - UMLS Metathesaurus

## 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 Nullable	Yes
Usage	Required	Recurrence	1 : 1

#### Associated Performance Measure Initiatives

## Airway      Cardiac Arrest      Pediatric      STEMI      Stroke      Trauma

## Attributes

## NOT Values

**NOT Values** 7701003 - Not Recorded 7701001 - Not Applicable

## Constraints

## Pattern

```
((((T73) | (Z((5[5-9]) | (6[0-5])) | (7[2-4])))) | (. | [0-9]{1}))? | ((T((6[6-9]) | (7(0|8)))) | (. | [0-9]{1,2}))?)? | (((A-QS) | (0-9) | (2)) | (T | (0-2) | (0-9))) | (3 | (0-4))) | (. | [0-9]{1,2}))?
```

## Data Element Comment

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

ICD-10-CM

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

Product - UMLS Metathesaurus

## eSituation.12 - Provider's Secondary Impressions

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded      7701001 - Not Applicable

#### Correlation ID

Data Type: String      minLength: 0      maxLength: 255

### Constraints

#### Pattern

((T73)|(Z((5[5-9])|(6[0-5])|(7[2-4]))))|(.[0-9]{1})?|((T((6[6-9])|(7(0|8))))|(.[0-9]{1,2})?|(((A-QS)[0-9]{2})|(T(([0-2][0-9])|(3[0-4]))))|(.[0-9]{1,2})?)

### Data Element Comment

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

ICD-10-CM

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

Product - UMLS Metathesaurus

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

## eSituation.13 - Initial Patient Acuity

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Code List

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

### Data Element Comment

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

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

State

## eSituation.14 - Work-Related Illness/Injury

### Definition

Indication of whether or not the illness or injury is work related.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E07_15	Is 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.

State

## eSituation.17 - Patient Activity

### Definition

The activity the patient was involved in at the time the patient experienced the onset of symptoms or experienced an injury.

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

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

#### Correlation ID

Data Type: String

minLength: 0

maxLength: 255

### Constraints

#### Pattern

Y93\.[A-Za-z0-9]{1,4}

### Data Element Comment

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

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 : M	eInjury.01 - Cause of Injury	N S R N, L, C
0 : M	eInjury.02 - Mechanism of Injury	S E N, L, C
1 : M	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



## eInjury.01 - Cause of Injury

### Definition

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

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

### Associated Performance Measure Initiatives

Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

#### Correlation ID

Data Type: String

minLength: 0

maxLength: 255

### Constraints

#### Pattern

(T((65)((9[0-4][0-9])|(9[0-4])|(9))|(3[6-9]\.[0-9][0-9]{0,2})|([4-5][0-9]\.[0-9][0-9]{0,2})|(6[0-4]\.[0-9][0-9]{0,2})|(65\.[0-8][0-9]{0,2})))|(T((71\.(

### Data Element Comment

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

Code list is represented in ICD-10 Codes.

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

Product - UMLS Metathesaurus

State

## 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	Other
2902007	Penetrating

## Data Element Comment

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

## Data Element Comment

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

## Version 3 Changes Implemented

Added to better evaluate the CDC-ACS 2011 Guidelines for the Field Triage of Injured Patients.  
 Website: <http://www.cdc.gov/FieldTriage/>

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

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

### Definition

The kind of risk factor predictors present at the incident

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E10_04	Is Nullable	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	Auto v. Pedestrian/Bicyclist Thrown, Run Over, or > 20 MPH Impact
2904003	Fall Adults: > 20 ft. (one story is equal to 10 ft.)
2904005	Fall Children: > 10 ft. or 2-3 times the height of the child
2904007	Crash Death in Same Passenger Compartment
2904009	Crash Ejection (partial or complete) from vehicle
2904011	Crash Intrusion, including roof: > 12 in. occupant site; > 18 in. any site
2904013	Crash Vehicle Telemetry Data (AACN) Consistent with High Risk of Injury
2904015	Motorcycle Crash > 20 MPH

### Data Element Comment

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

### Version 3 Changes Implemented

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

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

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\\_files/seatingposition04.htm](http://www.mmucc.us/mmucctraining_old/lessons/occupant_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	0	10000

**Data Element Comment**

Classify same level falls as 0 feet

## eInjury.10 - OSHA Personal Protective Equipment Used

## Definition

Documentation of the use of OSHA required protective equipment used by the patient at the time of injury.

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

## Attributes

## 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

## Data Element Comment

## Version 3 Changes Implemented

Added to better document personal protection equipment used by the patient associated with an injury.

## eInjury.11 - ACN System/Company Providing ACN Data

## Definition

The agency providing the Automated Collision Notification (ACN) Data.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nullable	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 Nullable	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 Nullable	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 Nullable	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

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
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

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
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 Nullable	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 Nillable	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 integer	minValue 0	maxValue 999
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## Data Element Comment

Based on Vehicular Emergency Data Set: Delta Velocity. The force of impact based on the change in velocity over the duration of the crash pulse. Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

## Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

## eInjury.23 - ACN High Probability of Injury

## Definition

The Automated Collision Notification of the High Probability of Injury.

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

## Associated Performance Measure Initiatives

Trauma

## Code List

**Code      Description**

9923001 No  
9923003 Yes

## Data Element Comment

## Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

## eInjury.24 - ACN Incident PDOF

## Definition

The Automated Collision Notification Principal Direction of Force (PDOF).

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

## Code List

## Code      Description

Y	Yes
N	No

## Data Element Comment

Based on Vehicular Emergency Data Set: Rollover. Indicates if the vehicle rolled over during the collision/event (e.g. True=Rollover, False=No Rollover). Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

## Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

## eInjury.26 - ACN Vehicle Seat Location

## Definition

The Automated Collision Notification Indication of the Occupant(s) Seat Location(s) within the vehicle.

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

**Code List****Code      Description**

Y	Yes
N	No

**Data Element Comment**

Based on Vehicular Emergency Data Set: Occupied - Associated with each seat. Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

**Version 3 Changes Implemented**

Added to better incorporate advanced automated collision notification information.

## eInjury.28 - ACN Incident Seatbelt Use

## Definition

The Automated Collision Notification Indication of Seatbelt use by the occupant(s).

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

## Code List

## Code      Description

Y	Yes
N	No

## Data Element Comment

Based on Vehicular Emergency Data Set: Belt Fastened - Associated with each Seat. Vehicular Emergency Data Set (VEDS) Recommendations. Version 3.0 Prepared: (February 2011) by the Advanced Automatic Crash Notification (AACN)Joint APCO/NENA Data Standardization Working Group.

## Version 3 Changes Implemented

Added to better incorporate advanced automated collision notification information.

## eInjury.29 - ACN Incident Airbag Deployed

## Definition

The Automated Collision Notification Indication of Airbag Deployment.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is 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    |

### Data Element Comment

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

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

## eArrest.02 - Cardiac Arrest Etiology

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_02	Is 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

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

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

## 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

## Data Element Comment

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

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

## eArrest.04 - Arrest Witnessed By

### Definition

Indication of who the cardiac arrest was witnessed by

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_04	Is 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

### Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".

<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

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

## eArrest.05 - CPR Care Provided Prior to EMS Arrival

### Definition

Documentation of the CPR provided prior to EMS arrival

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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
9923001	No
9923003	Yes

### Data Element Comment

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

State

## eArrest.06 - Who Provided CPR Prior to EMS Arrival

## Definition

Documentation of who performed CPR prior to this EMS unit's arrival.

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

## Associated Performance Measure Initiatives

Cardiac Arrest

## Attributes

## 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 (not part of dispatched response)

## Data Element Comment

Associated with eArrest.05 (CPR Care Provided Prior to EMS Arrival) but only required if CPR was provided prior to EMS arrival.

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".

<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

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

## eArrest.07 - AED Use Prior to EMS Arrival

### Definition

Documentation of AED use Prior to EMS Arrival

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

### Associated Performance Measure Initiatives

Cardiac Arrest

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Code List

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

### Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".

<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State

## eArrest.08 - Who Used AED Prior to EMS Arrival

### Definition

Documentation of who performed CPR prior to this EMS unit's arrival.

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

### Associated Performance Measure Initiatives

Cardiac Arrest

### Attributes

#### 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 (not part of dispatched response)

### Data Element Comment

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

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

## 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

### Data Element Comment

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

## eArrest.11 - First Monitored Arrest Rhythm of the Patient

### Definition

Documentation of what the first monitored arrest rhythm which was noted

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_05	Is 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
3011001	Asystole
3011003	Bradycardia
3011005	PEA
3011007	Unknown AED Non-Shockable Rhythm
3011009	Unknown AED Shockable Rhythm
3011011	Ventricular Fibrillation
3011013	Ventricular Tachycardia-Pulseless

### Data Element Comment

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

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

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

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".

<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

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

## eArrest.12 - Any Return of Spontaneous Circulation

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_06	Is 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

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

### Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".

<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

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

## eArrest.13 - Neurological Outcome at Hospital Discharge

## Definition

The level of cerebral performance of the patient at the time of discharge from the Hospital

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E11_07	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Cardiac Arrest

## Code List

Code	Description
3013001	CPC 1 Good Cerebral Performance
3013003	CPC 2 Moderate Cerebral Disability
3013005	CPC 3 Severe Cerebral Disability
3013007	CPC 4 Coma or Vegetative State

## Data Element Comment

1 = Good Cerebral Performance: Conscious, Alert, able to work and lead a normal life.

2 = Moderate Cerebral Disability: Conscious and able to function independently (dress, travel, prepare food) may have hemiplegia, seizures, or permanent memory or mental changes.

3 = Severe Cerebral Disability: Conscious, dependent on others for daily support, functions only in an institution or at home with exceptional family effort.

4 = Coma or vegetative state: any degree of coma without the presence of all brain death criteria. Unawareness, even if appears awake (vegetative state) without interaction with environment; may have spontaneous eye opening and sleep/awake cycles. Cerebral unresponsiveness.

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

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

## eArrest.14 - Date/Time of Cardiac Arrest

### Definition

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

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

### Associated Performance Measure Initiatives

Cardiac Arrest

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### 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

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

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

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (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 Nillable	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}){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](#)

## 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	Physically Unable to Perform
3016009	Protocol/Policy Requirements Completed
3016011	Return of Spontaneous Circulation (pulse or BP noted)

### Data Element Comment

Added Resuscitation to Title to allow better documentation of disposition.

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

## eArrest.17 - Cardiac Rhythm on Arrival at Destination

### Definition

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

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

### Associated Performance Measure Initiatives

Cardiac Arrest

### Attributes

#### NOT Values

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 Electrocardiography (ECG)). They are using the common type: CardiacRhythm. ST segment changes consistent (or not consistent) with STEMI criteria should be documented as Ischemia in the appropriate location

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

## eArrest.18 - End of EMS Cardiac Arrest Event

### Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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

### Data Element Comment

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

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

### Version 3 Changes Implemented

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

# eHistory

## Legend

Dataset Level: N National S State

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 Practitioner			O		
0 : 1	eHistory.03 - First Name of Patient's Practitioner			O		
0 : 1	eHistory.04 - Middle Name/Initial of Patient's 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	E	N, L, 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				
0 : 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	L, 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 Practitioner

## Definition

The last name of the patient's practitioner

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E12_06	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

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

## Definition

The first name of the patient's practitioner

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E12_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

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

The middle name or initial of the patient's practitioner.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E12_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Constraints**

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	1	50

**Data Element Comment**

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 or Medical Order 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

8801019 - Refused

8801013 - No Known Drug Allergy

#### Code Type

9924001 - ICD10

9924003 - RxNorm

#### Correlation ID

Data Type: String

minLength: 0

maxLength: 255

### Constraints

#### Pattern

(Z88\.[0-9])|([a-zA-Z0-9]{2,7})

### Data Element Comment

The list of medication allergies is based on RxNorm (RXCUI) Codes. In addition, a specific list of ICD-10 PCS codes can be used for medication groups.

Reference the NEMESIS Suggested Lists at: <http://nemesis.org/v3/resources.html>

Code list is represented in two separate UMLS datasets:

1) ICD-10 Codes.

2) RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

## eHistory.07 - Environmental/Food Allergies

## Definition

The patient's known allergies to food or environmental agents.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E12_09	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

## 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

## Data Element Comment

## eHistory.08 - Medical/Surgical History

### Definition

The patient's pre-existing medical and surgery history of the patient

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E12_10	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

#### Pertinent Negatives

8801023 - Unable to Complete

8801015 - None Reported

8801019 - Refused

8801021 - Unresponsive

#### Correlation ID

Data Type: String

minLength: 0

maxLength: 255

### Constraints

#### Pattern

(([A-QS][0-9]{2})|(T(([0-2][0-9])|(3[0-4]))))|([0-9]{1,3})?|((T((79)|(8[067]))|(..{1,3})?)|(T88(..((0)|(1)|(4)|(6)|(7))))|(Z((7[7-9])|(8[0-7])|(89)|(9

### Data Element Comment

Code list is represented by ICD-10-CM. Reference the NEMESIS Suggested Lists at: <http://nemesis.org/v3/resources.html>

ICD-10-CM

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

Product - UMLS Metathesaurus

## eHistory.09 - Medical History Obtained From

## Definition

Type of person medical history obtained from

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E12_11	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

## Correlation ID

Data Type: String      minLength: 0      maxLength: 255

## Code List

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

## Data Element Comment

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

## Definition

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

## Data Element Comment

## 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

## Data Element Comment

State

## eHistory.12 - Current Medications

### Definition

The medications the patient currently takes

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E12_14	Is Nullable	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	minLength	maxLength
string	2	7

### Data Element Comment

List of medications based on RxNorm (RXCUI) code.

Reference the NEMESIS Suggested Lists at: <http://nemesis.org/v3/resources.html>

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

## 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

## Data Element Comment

## eHistory.15 - Current Medication Administration Route

## Definition

The administration route (po, SQ, etc.) of the patient's current medication

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E12_17	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

Code	Description
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

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

## Data Element Comment

## eHistory.16 - Presence of Emergency Information Form

## Definition

Indication of the presence of the Emergency Information Form associated with patient's with special healthcare needs.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E12_18	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

## Code      Description

9923001 No  
9923003 Yes

## Data Element Comment

## 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

## Data Element Comment

## eHistory.18 - Pregnancy

## Definition

Indication of the possibility by the patient's history of current pregnancy.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E12_20	Is Nillable	Yes
Usage	Optional	Recurrence	0 : 1

## Attributes

## Pertinent Negatives

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

## Data Element Comment

## eHistory.19 - Last Oral Intake

## Definition

Date and Time of last oral intake.

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

## Constraints

**Data Type** dateTIme      **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

**Legend**Dataset 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

### Data Element Comment

# 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 : 1	eVitals.CardiacRhythmGroup	C
1 : M	eVitals.03 - Cardiac Rhythm / Electrocardiography (ECG)	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
1 : 1	eVitals.HeartRateGroup	
0 : 1	eVitals.09 - Mean Arterial Pressure	O
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
1 : 1	eVitals.16 - Carbon Dioxide (CO2)	N S R N, L, P
0 : 1	eVitals.17 - Carbon Monoxide (CO)	S E N, L, P
1 : 1	eVitals.18 - Blood Glucose Level	N S R N, L, P
1 : 1	eVitals.GlasgowScoreGroup	
1 : 1	eVitals.19 - Glasgow Coma Score-Eye	N S R N, L, P
1 : 1	eVitals.20 - Glasgow Coma Score-Verbal	N S R N, L, P
1 : 1	eVitals.21 - Glasgow Coma Score-Motor	N S R N, L, P
1 : M	eVitals.22 - Glasgow Coma Score-Qualifier	N S R N, L, C
0 : 1	eVitals.23 - Total Glasgow Coma Score	S E N, L, P
0 : 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

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 L, P
0 : 1	eVitals.33 - Revised Trauma Score	O L, P

## eVitals

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

## eVitals.01 - Date/Time Vital Signs Taken

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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}(:[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 / Electrocardiography (ECG)

## Definition

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

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

## Associated Performance Measure Initiatives

Cardiac Arrest      STEMI

## Attributes

**NOT Values**

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)

**Data Element Comment**

## eVitals.04 - ECG Type

## Definition

The type of ECG associated with the cardiac rhythm.

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

## Associated Performance Measure Initiatives

STEMI

## Attributes

## NOT Values

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)

## Data Element Comment

## Version 3 Changes Implemented

Added to better document ECG results.

## eVitals.05 - Method of ECG Interpretation

## Definition

The method of ECG interpretation.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is Nullable	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.

## 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

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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

## 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

## Data Element Comment

## eVitals.09 - Mean Arterial Pressure

## Definition

The patient's mean arterial pressure.

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

## Constraints

Data Type	minValue	maxValue
integer	1	500

## Data Element Comment

## Version 3 Changes Implemented

Added for additional patient monitoring capability.

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

## eVitals.10 - Heart Rate

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

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

### Data Element Comment

## eVitals.13 - Pulse Rhythm

## Definition

The clinical rhythm of the patient's pulse.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

## Code      Description

- |         |                       |
|---------|-----------------------|
| 3313001 | Irregularly Irregular |
| 3313003 | Regular               |
| 3313005 | Regularly Irregular   |

## Data Element Comment

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

## eVitals.14 - Respiratory Rate

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

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

### Data Element Comment

## eVitals.15 - Respiratory Effort

### Definition

The patient's respiratory effort.

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

### Code List

Code	Description
------	-------------

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

### Data Element Comment

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

## eVitals.16 - 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

### Data Element Comment

State

**eVitals.17 - Carbon Monoxide (CO)****Definition**

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

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

**Attributes****NOT Values**

7701003 - Not Recorded

7701001 - Not Applicable

**Pertinent Negatives**

8801023 - Unable to Complete

8801019 - Refused

**Constraints**

Data Type	minValue	maxValue
integer	0	100

**Data Element Comment****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

### Data Element Comment

## 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).

## eVitals.21 - Glasgow Coma Score-Motor

## Definition

The patient's Glasgow Coma Score Motor

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

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

## Attributes

**NOT Values**

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).

## 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).

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 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

**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

## Data Element Comment

## eVitals.25 - Temperature Method

### Definition

The method used to obtain the patient's body temperature.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_21	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Code List

**Code      Description**

- |         |                              |
|---------|------------------------------|
| 3325001 | Axillary                     |
| 3325003 | Central (Venous or Arterial) |
| 3325005 | Esophageal                   |
| 3325007 | Oral                         |
| 3325009 | Rectal                       |
| 3325011 | Temporal Artery              |
| 3325013 | Tympanic                     |
| 3325015 | Urinary Catheter             |

### Data Element Comment

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

## eVitals.26 - Level of Responsiveness (AVPU)

### Definition

The patient's highest level of responsiveness.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_22	Is 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
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)

### Data Element Comment

### 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

### Data Element Comment

## 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 Nullable	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

## Data Element Comment

## Version 3 Changes Implemented

Added to include additional detail on the stroke scale used.

## eVitals.31 - Reperfusion Checklist

## Definition

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

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

## Associated Performance Measure Initiatives

STEMI      Stroke

## Attributes

**NOT Values**

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	Yes
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	Yes
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

## Data Element Comment

# 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

### Data Element Comment

### Version 3 Changes Implemented

Added to better document EMS care.

## eLabs.03 - Laboratory Result Type

## Definition

The type of the laboratory value.

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

## Code List

Code	Description
3403001	Alanine Transaminase
3403003	Alcohol-Blood
3403005	Alcohol-Breath
3403007	Alkaline Phosphatase
3403009	Amylase
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

#### Data Element Comment

#### 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

### Data Element Comment

### Version 3 Changes Implemented

Added to better document EMS care.

## eLabs.05 - Imaging Study Type

### Definition

The type of x-ray or imaging study.

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

### Code List

**Code      Description**

- |         |                                  |
|---------|----------------------------------|
| 3405001 | CAT Scan                         |
| 3405003 | Magnetic Resonance Imaging (MRI) |
| 3405005 | Other (Not Listed)               |
| 3405007 | PET Scan                         |
| 3405009 | Ultrasound                       |
| 3405011 | X-ray                            |

### Data Element Comment

### Version 3 Changes Implemented

Added to better describe the EMS patient care.

## eLabs.06 - Imaging Study Results

## Definition

The description or interpretation of the results of the imaging study.

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

## Constraints

Data Type	minLength	maxLength
string	3	5000

## Data Element Comment

## Version 3 Changes Implemented

Added to better describe the EMS Patient Care

## eLabs.07 - Imaging Study File or Waveform Graphic Type

## Definition

The 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
0 : 1	eExam.03 - Date/Time of Assessment	O			
0 : M	eExam.04 - Skin Assessment	O	P	C	
0 : M	eExam.05 - Head Assessment	O	P	C	
0 : M	eExam.06 - Face Assessment	O	P	C	
0 : M	eExam.07 - Neck Assessment	O	P	C	
0 : M	eExam.08 - Chest/Lungs Assessment	O	P	C	
0 : M	eExam.09 - Heart Assessment	O	P	C	
0 : M	eExam.AbdomenGroup				C
0 : 1	eExam.10 - Abdominal Assessment Finding Location	O			
0 : M	eExam.11 - Abdomen Assessment	O	P	C	
0 : M	eExam.12 - Pelvis/Genitourinary Assessment	O	P	C	
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

## Data Element Comment

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 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

### Code List

#### Code      Description

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

### Data Element Comment

## eExam.03 - Date/Time of Assessment

## Definition

The date/time of the assessment

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E16_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Stroke      Cardiac Arrest

## Constraints

Data Type	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

## 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**

8801005 - Exam Finding Not Present

**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

## Data Element Comment

## 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**

8801005 - Exam Finding Not Present

**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

## Data Element Comment

## 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**

8801005 - Exam Finding Not Present

**Correlation ID**

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

## Code List

Code	Description
3506001	Abrasions
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

## Data Element Comment

## 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**

8801005 - Exam Finding Not Present

**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

## Data Element Comment

## 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**

8801005 - Exam Finding Not Present

**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

**Data Element Comment**

## 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**

8801005 - Exam Finding Not Present

**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

## Data Element Comment

## eExam.10 - Abdominal Assessment Finding Location

## Definition

The location of the patient's abdomen assessment findings.

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

## Code List

**Code      Description**

3510001	Generalized
3510003	Left Lower Quadrant
3510005	Left Upper Quadrant
3510007	Perumbilical
3510009	Right Lower Quadrant
3510011	Right Upper Quadrant

## Data Element Comment

## 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**

8801005 - Exam Finding Not Present

**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

## Data Element Comment

## eExam.12 - Pelvis/Genitourinary Assessment

## Definition

The assessment findings associated with the patient's pelvis/genitourinary.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_13	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

**Pertinent Negatives**

8801005 - Exam Finding Not Present

**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

## Data Element Comment

## eExam.13 - Back and Spine Assessment Finding Location

## Definition

The location of the patient's back and spine assessment findings.

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

## Code List

Code	Description
3513001	Back-General
3513003	Cervical-Left
3513005	Cervical-Midline
3513007	Cervical-Right
3513009	Lumbar-Left
3513011	Lumbar-Midline
3513013	Lumbar-Right
3513015	Thoracic-Left
3513017	Thoracic-Midline
3513019	Thoracic-Right
3513021	Sacral-Left
3513023	Sacral-Midline
3513025	Sacral-Right

## Data Element Comment

## 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**

8801005 - Exam Finding Not Present

**Correlation ID**

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

## Code List

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

## Data Element Comment

## eExam.15 - Extremity Assessment Finding Location

## Definition

The location of the patient's extremity assessment findings.

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

## Code List

## Code      Description

3515001	Ankle-Left
3515003	Ankle-Right
3515005	Arm-Upper-Left
3515007	Arm-Upper-Right
3515009	Elbow-Left
3515011	Elbow-Right
3515013	Finger-2nd (Index)-Left
3515015	Finger-2nd (Index)-Right
3515017	Finger-3rd (Middle)-Left
3515019	Finger-3rd (Middle)-Right
3515021	Finger-4th (Ring)-Left
3515023	Finger-4th (Ring)-Right
3515025	Finger-5th (Smallest)-Left
3515027	Finger-5th (Smallest)-Right
3515029	Foot-Dorsal-Left
3515031	Foot-Dorsal-Right
3515033	Foot-Plantar-Left
3515035	Foot-Plantar-Right
3515037	Forearm-Left
3515039	Forearm-Right
3515041	Hand-Dorsal-Left
3515043	Hand-Dorsal-Right
3515045	Hand-Palm-Left
3515047	Hand-Palm-Right
3515049	Hip-Left
3515051	Hip-Right
3515053	Knee-Left
3515055	Knee-Right
3515057	Leg-Lower-Left
3515059	Leg-Lower-Right
3515061	Leg-Upper-Left
3515063	Leg-Upper-Right
3515065	Shoulder-Left
3515067	Shoulder-Right
3515069	Thumb-Left
3515071	Thumb-Right
3515073	Toe-1st (Big)-Left
3515075	Toe-1st (Big)-Right
3515077	Toe-2nd-Left
3515079	Toe-2nd-Right
3515081	Toe-3rd-Left

3515083 Toe-3rd-Right  
3515085 Toe-4th-Left  
3515087 Toe-4th-Right  
3515089 Toe-5th (Smallest)-Left  
3515091 Toe-5th (Smallest)-Right  
3515093 Wrist-Left  
3515095 Wrist-Right

**Data Element Comment**

## 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**

8801005 - Exam Finding Not Present

**Correlation ID**

Data Type: String      minLength: 0      maxLength: 255

## Code List

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

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

#### Data Element Comment

## eExam.17 - Eye Assessment Finding Location

## Definition

The location of the patient's eye assessment findings.

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

## Code List

**Code      Description**

- |         |           |
|---------|-----------|
| 3517001 | Bilateral |
| 3517003 | Left      |
| 3517005 | Right     |

## Data Element Comment

## 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**

8801005 - Exam Finding Not Present

**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

## Data Element Comment

## 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**

8801005 - Exam Finding Not Present

**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

## Data Element Comment

## eExam.20 - Neurological Assessment

## Definition

The assessment findings of the patient's neurological examination.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_24	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Associated Performance Measure Initiatives

Cardiac Arrest      Stroke

## Attributes

**Pertinent Negatives**

8801005 - Exam Finding Not Present

**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

## Data Element Comment

# 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	<span style="border: 1px solid black; padding: 2px;">C</span>
1 : 1	eProtocols.01 - Protocols Used	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px;">R</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">N, L</span>
1 : 1	eProtocols.02 - Protocol Age Category	<span style="background-color: red; border: 1px solid black; padding: 2px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px;">R</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">N, L</span>

## 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-Cardiac Arrest
9914057	General-Dental Problems
9914059	General-Epistaxis
9914061	General-Fever
9914063	General-Individualized Patient Protocol
9914065	General-Indwelling Medical Devices/Equipment

9914067 General-IV Access  
9914069 General-Medical Device Malfunction  
9914071 General-Pain Control  
9914073 General-Spinal Immobilization/Clearance  
9914075 General-Universal Patient Care/ Initial Patient Contact  
9914077 Injury-Amputation  
9914079 Injury-Bites and Envenomations-Land  
9914081 Injury-Bites and Envenomations-Marine  
9914083 Injury-Bleeding/ Hemorrhage Control  
9914085 Injury-Burns-Thermal  
9914087 Injury-Cardiac Arrest  
9914089 Injury-Crush Syndrome  
9914091 Injury-Diving Emergencies  
9914093 Injury-Drowning/Near Drowning  
9914095 Injury-Electrical Injuries  
9914097 Injury-Extremity  
9914099 Injury-Eye  
9914101 Injury-Head  
9914103 Injury-Impaled Object  
9914105 Injury-Multisystem  
9914107 Injury-Spinal Cord  
9914109 Medical-Abdominal Pain  
9914111 Medical-Allergic Reaction/Anaphylaxis  
9914113 Medical-Altered Mental Status  
9914115 Medical-Bradycardia  
9914117 Medical-Cardiac Chest Pain  
9914119 Medical-Diarrhea  
9914121 Medical-Hyperglycemia  
9914123 Medical-Hypertension  
9914125 Medical-Hypoglycemia/Diabetic Emergency  
9914127 Medical-Hypotension/Shock (Non-Trauma)  
9914129 Medical-Influenza-Like Illness/ Upper Respiratory Infection  
9914131 Medical-Nausea/Vomiting  
9914133 Medical-Newborn/ Neonatal Resuscitation  
9914135 Medical-Overdose/Poisoning/Toxic Ingestion  
9914137 Medical-Pulmonary Edema/CHF  
9914139 Medical-Respiratory Distress/Asthma/COPD/Croup/Reactive Airway  
9914141 Medical-Seizure  
9914143 Medical-ST-Elevation Myocardial Infarction (STEMI)  
9914145 Medical-Stroke/TIA  
9914147 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)  
9914149 Medical-Syncope  
9914151 Medical-Ventricular Tachycardia (With Pulse)  
9914153 Not Done  
9914155 OB/GYN-Childbirth/Labor/Delivery  
9914157 OB/GYN-Eclampsia  
9914159 OB/GYN-Gynecologic Emergencies  
9914161 OB/GYN-Pregnancy Related Emergencies  
9914163 OB/GYN-Post-partum Hemorrhage  
9914165 Other

#### Data Element Comment

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

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

State and local entities can add additional protocols to the list but the additional protocols must map to these uniform codes.  
The protocol code list should be derived from dConfiguration.05 and/or dConfiguration.10

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

## eProtocols.02 - Protocol Age Category

### Definition

The age group the protocol is written to address

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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 - Role/Type of Person 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 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

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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

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](#)[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 NEMESIS 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 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

8801007 - Medication Allergy

8801023 - Unable to Complete

8801009 - Medication Already Taken

8801001 - Contraindication Noted

8801003 - Denied By Order

8801019 - Refused

### Constraints

Data Type	minLength	maxLength
string	2	7

### Data Element Comment

List of medications based on RxNorm (RXCUI) code.

Reference the NEMESIS Suggested Lists at: <http://nemesis.org/v3/resources.html>

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

State

## 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

### Data Element Comment

## eMedications.06 - Medication Dosage Units

## Definition

The unit of medication dosage given to patient

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

## Attributes

## NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

## Code List

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

## Data Element Comment

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

## eMedications.07 - Response to Medication

### Definition

The patient's response to the medication

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

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

### Code List

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

### Data Element Comment

## eMedications.08 - Medication Complication

## Definition

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

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

## Attributes

## NOT Values

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

## Data Element Comment

State

## eMedications.09 - Medication Crew (Healthcare Professionals) ID

## Definition

The statewide assigned ID number of the EMS crew member giving the treatment to the patient

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E18_09	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

## Attributes

## NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

## Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
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 - Role/Type of Person Administering Medication

## Definition

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

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

## Attributes

## NOT Values

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/Lay Person
9905025	Physician
9905027	Respiratory Therapist
9905029	Student
9905031	Critical Care Paramedic
9905033	Community Paramedicine

## Data Element Comment

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

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

## Version 3 Changes Implemented

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

## eMedications.11 - Medication Authorization

## Definition

The type of treatment authorization obtained

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E18_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

**Code      Description**

- |         |                                   |
|---------|-----------------------------------|
| 9918001 | On-Line (Remote Verbal Order)     |
| 9918003 | On-Scene                          |
| 9918005 | Protocol (Standing Order)         |
| 9918007 | Written Orders (Patient Specific) |

## Data Element Comment

## eMedications.12 - Medication Authorizing Physician

## Definition

The name of the authorizing physician ordering the medication administration if the order was provided by any manner other than protocol (standing order) in EMedications.11

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E18_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

**Data Type** string      **minLength** 1      **maxLength** 50

## Data Element Comment

# 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		<span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">C</span>
1 : 1	eProcedures.01 - Date/Time Procedure Performed	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">R</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">N, L</span>	
1 : 1	eProcedures.02 - Procedure Performed Prior to this Units EMS Care	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">R</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">N, L</span>	
1 : 1	eProcedures.03 - Procedure	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">R</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">N, L, P</span>	
0 : 1	eProcedures.04 - Size of Procedure Equipment	<span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">O</span>	
1 : 1	eProcedures.05 - Number of Procedure Attempts	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">R</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">N, L</span>	
1 : 1	eProcedures.06 - Procedure Successful	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">R</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">N, L</span>	
1 : M	eProcedures.07 - Procedure Complication	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">R</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">N, L, C</span>	
1 : 1	eProcedures.08 - Response to Procedure	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">R</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">N, L</span>	
0 : 1	eProcedures.09 - Procedure Crew Members ID	<span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">E</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">N, L</span>	
1 : 1	eProcedures.10 - Role/Type of Person Performing the Procedure	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">N</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">R</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">N, L</span>	
0 : 1	eProcedures.11 - Procedure Authorization	<span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">O</span>	
0 : 1	eProcedures.12 - Procedure Authorizing Physician	<span style="background-color: gray; border: 1px solid black; padding: 2px 5px;">O</span>	
0 : 1	eProcedures.13 - Vascular Access Location	<span style="background-color: yellow; border: 1px solid black; padding: 2px 5px;">S</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">E</span> <span style="background-color: lightblue; border: 1px solid black; padding: 2px 5px;">N, L</span>	

## 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

## 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.

National Element	Yes	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_03	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

8801001 - Contraindication Noted

8801019 - Refused

8801003 - Denied By Order

## Constraints

Data Type	minValue	maxValue
integer	100000	1000000000

## Data Element Comment

Procedures which are recorded as a Vital Sign do not have to be documented in the Procedure Section.

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

SNOMEDCT

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

Product: Product - UMLS Metathesaurus

## eProcedures.04 - Size of Procedure Equipment

## Definition

The size of the equipment used in the procedure on the patient

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E19_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	20

## Data Element Comment

Need business logic to require detail of size appropriate for the procedure.

## eProcedures.05 - Number of Procedure Attempts

## Definition

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

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

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      STEMI      Stroke      Trauma

## Attributes

## NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

## Constraints

Data Type	minValue	maxValue
integer	1	10

## Data Element Comment

## 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

## Data Element Comment

## eProcedures.07 - Procedure Complication

## Definition

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

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

## Associated Performance Measure Initiatives

Airway    Pediatric    Trauma

## Attributes

## NOT Values

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

## Data Element Comment

## eProcedures.08 - Response to Procedure

## Definition

The patient's response to the procedure

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

## Attributes

## NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

## Code List

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

## Data Element Comment

State

## eProcedures.09 - Procedure Crew Members ID

### Definition

The statewide assigned ID number of the EMS crew member performing the procedure on the patient

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_09	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

7701005 - Not Reporting

### Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	2	15

### Data Element Comment

For an incident that occurs in multiple states, the certification ID number the EMS agency would typically use is based on the EMS agency's state license specific to each EMS professional. If the incident needs to be reported to each state, then the EMS Agency Number for each state should be submitted as well as the certification ID numbers for each EMS professional on the unit.

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

### Definition

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

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

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/Lay Person
9905025	Physician
9905027	Respiratory Therapist
9905029	Student
9905031	Critical Care Paramedic
9905033	Community Paramedicine

### Data Element Comment

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

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

### Version 3 Changes Implemented

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

## eProcedures.11 - Procedure Authorization

## Definition

The type of treatment authorization obtained

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E19_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

**Code      Description**

- |         |                                   |
|---------|-----------------------------------|
| 9918001 | On-Line (Remote Verbal Order)     |
| 9918003 | On-Scene                          |
| 9918005 | Protocol (Standing Order)         |
| 9918007 | Written Orders (Patient Specific) |

## Data Element Comment

## eProcedures.12 - Procedure Authorizing Physician

## Definition

The name of the authorizing physician ordering the procedure, if the order was provided by any manner other than protocol (standing order) in eProcedures.11

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E19_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

<b>Data Type</b> string	<b>minLength</b> 1	<b>maxLength</b> 50
----------------------------	-----------------------	------------------------

## Data Element Comment

State

## eProcedures.13 - Vascular Access Location

### Definition

The location of the vascular access site attempt on the patient, if applicable.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_12	Is 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

### 0 : 1 eAirway.AirwayGroup

0 : M	eAirway.01 - Indications for Invasive Airway	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: lightblue; border: 1px solid black; padding: 2px;">E</span>	<span style="background-color: lightgray; border: 1px solid black; padding: 2px;">N, L</span>	<span style="background-color: lightyellow; border: 1px solid black; padding: 2px;">C</span>
0 : M	eAirway.ConfirmationGroup				<span style="background-color: yellow; border: 1px solid black; padding: 2px;">C</span>
0 : 1	eAirway.02 - Date/Time Airway Device Placement Confirmation	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: lightblue; border: 1px solid black; padding: 2px;">E</span>	<span style="background-color: lightgray; border: 1px solid black; padding: 2px;">N, L</span>	
0 : 1	eAirway.03 - Airway Device Being Confirmed	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: lightblue; border: 1px solid black; padding: 2px;">E</span>	<span style="background-color: lightgray; border: 1px solid black; padding: 2px;">N, L</span>	
0 : 1	eAirway.04 - Airway Device Placement Confirmed Method	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: lightblue; border: 1px solid black; padding: 2px;">E</span>	<span style="background-color: lightgray; border: 1px solid black; padding: 2px;">N, L</span>	
0 : 1	eAirway.05 - Tube Depth				<span style="background-color: lightgray; border: 1px solid black; padding: 2px;">O</span>
0 : 1	eAirway.06 - Type of Individual Confirming Airway Device Placement	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: lightblue; border: 1px solid black; padding: 2px;">E</span>	<span style="background-color: lightgray; border: 1px solid black; padding: 2px;">N, L</span>	
0 : 1	eAirway.07 - Crew Member ID	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: lightblue; border: 1px solid black; padding: 2px;">E</span>	<span style="background-color: lightgray; border: 1px solid black; padding: 2px;">N, L</span>	
0 : M	eAirway.08 - Airway Complications Encountered	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: lightblue; border: 1px solid black; padding: 2px;">E</span>	<span style="background-color: lightgray; border: 1px solid black; padding: 2px;">N, L</span>	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">C</span>
0 : M	eAirway.09 - Suspected Reasons for Failed Airway Procedure	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">S</span>	<span style="background-color: lightblue; border: 1px solid black; padding: 2px;">O</span>	<span style="background-color: lightgray; border: 1px solid black; padding: 2px;">C</span>	
0 : 1	eAirway.10 - Date/Time Decision to Manage the Patient with an Invasive Airway				<span style="background-color: lightgray; border: 1px solid black; padding: 2px;">O</span>
0 : 1	eAirway.11 - Date/Time Invasive Airway Placement Attempts Abandoned				<span style="background-color: lightgray; border: 1px solid black; padding: 2px;">O</span>

## 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

### Data Element Comment

### 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}

## 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
4003011	SAD-LMA
4003013	SAD-Other
4003015	Tracheostomy Tube

### Data Element Comment

### Version 3 Changes Implemented

Added to better document airway management. SAD means Supraglottic Airway Device.

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 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
4004001	Auscultation
4004003	Bulb/Syringe Aspiration
4004005	Colorimetric ETCO2
4004007	Condensation in Tube
4004009	Digital (Numeric) ETCO2
4004011	Direct Re-Visualization of Tube in Place
4004013	Endotracheal Tube Whistle (BAAM, etc)
4004015	Other (Not Listed)
4004017	Visualization of Vocal Cords
4004019	Waveform ETCO2

### Data Element Comment

If the invasive airway is confirmed via multiple methods each method should be documented individually by time, method, and type of individual.

### Version 3 Changes Implemented

Added to better document airway management.

## eAirway.05 - Tube Depth

## Definition

The measurement at the patient's teeth/lip of the tube depth in centimeters (cm) of the invasive airway placed.

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

## Associated Performance Measure Initiatives

Airway

## Constraints

Data Type	minValue	maxValue
integer	8	32

## 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

## Data Element Comment

## 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 Nillable	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

### Data Element Comment

### 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 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

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

### Data Element Comment

### 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

### Data Element Comment

### Version 3 Changes Implemented

Added to better document airway management.

## eAirway.10 - Date/Time Decision to Manage the Patient with an Invasive Airway

## Definition

The date and time the decision was made to manage the patient's airway with an invasive airway device.

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

## Associated Performance Measure Initiatives

Airway

## Constraints

Data Type	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 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

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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 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	<span style="border: 1px solid black; padding: 2px;">C</span>
0 : 1	eDevice.01 - Medical Device Serial Number	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	eDevice.02 - Date/Time of Event (per Medical Device)	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : M	eDevice.03 - Medical Device Event Type	<span style="border: 1px solid black; padding: 2px;">O</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">C</span>
0 : 1	eDevice.WaveformGroup	
0 : 1	eDevice.04 - Medical Device Waveform Graphic Type	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	eDevice.05 - Medical Device Waveform Graphic	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	eDevice.06 - Medical Device Mode (Manual, AED, Pacing, CO2, O2, etc)	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : M	eDevice.07 - Medical Device ECG Lead	<span style="border: 1px solid black; padding: 2px;">O</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">C</span>
0 : 1	eDevice.08 - Medical Device ECG Interpretation	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	eDevice.ShockGroup	
0 : 1	eDevice.09 - Type of Shock	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	eDevice.10 - Shock or Pacing Energy	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	eDevice.11 - Total Number of Shocks Delivered	<span style="border: 1px solid black; padding: 2px;">O</span>
0 : 1	eDevice.12 - Pacing Rate	<span style="border: 1px solid black; padding: 2px;">O</span>

## eDevice

## eDevice.01 - Medical Device Serial Number

## Definition

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

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

## Constraints

Data Type	minLength	maxLength
string	2	50

## Data Element Comment

## eDevice.02 - Date/Time of Event (per Medical Device)

## Definition

The time of the event recorded by the device's internal clock

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_01	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      STEMI

## Constraints

Data Type	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

## eDevice.03 - Medical Device Event Type

## Definition

The type of event documented by the medical device.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_02	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      STEMI

## Attributes

## 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 - Medical Device 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

## Data Element Comment

## eDevice.05 - Medical Device Waveform Graphic

## Definition

The graphic waveform file.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      STEMI

## Constraints

## Data Type

base64Binary

## Data Element Comment

## eDevice.06 - Medical Device Mode (Manual, AED, Pacing, CO2, O2, etc)

## Definition

The mode of operation the device is operating in during the defibrillation, pacing, or rhythm analysis by the device (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

## Code      Description

- |         |             |
|---------|-------------|
| 4106001 | Advisory    |
| 4106003 | Automated   |
| 4106005 | Demand      |
| 4106007 | Manual      |
| 4106009 | Mid-Stream  |
| 4106011 | Sensing     |
| 4106013 | Side-Stream |

## Data Element Comment

## eDevice.07 - Medical Device ECG Lead

## Definition

The lead or source which the medical device used to obtain the rhythm (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_06	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      STEMI

## Attributes

## 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
4107013	Pads
4107015	V1
4107017	V2
4107019	V3
4107019	V3r
4107021	V4
4107021	V4r
4107023	V5
4107023	V5r
4107025	V6
4107025	V6r
4107025	V7
4107025	V8
4107025	V9

## Data Element Comment

Can be displayed in the Vital Signs or Procedure Sections.

## eDevice.08 - Medical Device ECG Interpretation

## Definition

The interpretation of the rhythm by the device (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_07	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      STEMI

## Constraints

Data Type	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

## Data Element Comment

## eDevice.10 - Shock or Pacing Energy

## Definition

The energy (in joules) used for the shock or pacing (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_09	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Cardiac Arrest

## Constraints

Data Type	totalDigits	minValue	maxValue	fractionDigits
decimal	5	1	9000	1

## Data Element Comment

## eDevice.11 - Total Number of Shocks Delivered

## Definition

The number of times the patient was defibrillated, if the patient was defibrillated during the patient encounter.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Cardiac Arrest

## Constraints

Data Type	minValue	maxValue
integer	1	100

## Data Element Comment

## eDevice.12 - Pacing Rate

## Definition

The rate the device was calibrated to pace during the event, if appropriate.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minValue	maxValue
integer	1	1000

## Data Element Comment

# eDisposition

**Legend**Dataset 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	<b>eDisposition.DestinationGroup</b>	
0 : 1	eDisposition.01 - Destination/Transferred To, Name	<b>S</b> <b>E</b> <b>N, L</b>
0 : 1	eDisposition.02 - Destination/Transferred To, Code	<b>S</b> <b>E</b> <b>N, L</b>
0 : 1	eDisposition.03 - Destination Street Address	<b>S</b> <b>O</b>
0 : 1	eDisposition.04 - Destination City	<b>S</b> <b>O</b>
1 : 1	eDisposition.05 - Destination State	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : 1	eDisposition.06 - Destination County	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : 1	eDisposition.07 - Destination ZIP Code	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
0 : 1	eDisposition.08 - Destination Country	<b>O</b>
0 : 1	eDisposition.09 - Destination GPS Location	<b>O</b>
0 : 1	eDisposition.10 - Disposition Location US National Grid Coordinates	<b>O</b>
0 : 1	eDisposition.11 - Number of Patients Transported in this EMS Unit	<b>S</b> <b>E</b> <b>N, L</b>
1 : 1	eDisposition.12 - Incident/Patient Disposition	<b>N</b> <b>S</b> <b>M</b>
0 : M	eDisposition.13 - How Patient Was Moved to Ambulance	<b>O</b> <b>C</b>
0 : M	eDisposition.14 - Position of Patient During Transport	<b>O</b> <b>C</b>
0 : 1	eDisposition.15 - How Patient Was Transported From Ambulance	<b>O</b>
1 : 1	eDisposition.16 - EMS Transport Method	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : 1	eDisposition.17 - Transport Mode from Scene	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : M	eDisposition.18 - Additional Transport Mode Descriptors	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b> <b>C</b>
1 : 1	eDisposition.19 - Condition of Patient at Destination	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : M	eDisposition.20 - Reason for Choosing Destination	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b> <b>C</b>
1 : 1	eDisposition.21 - Type of Destination	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : 1	eDisposition.22 - Hospital In-Patient Destination	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : 1	eDisposition.23 - Hospital Designation	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
1 : M	<b>eDisposition.HospitalTeamActivationGroup</b>	<b>C</b>
	eDisposition.24 - Destination Team Pre-Arrival Activation	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
	eDisposition.25 - Date/Time of Destination Prearrival Activation	<b>N</b> <b>S</b> <b>R</b> <b>N, L</b>
0 : M	eDisposition.26 - Disposition Instructions Provided	<b>O</b> <b>C</b>

**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

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	2	100

## Data Element Comment

Recommended State data element since no national code for destination. May be populated from the list in dFacility.02 (Facility Name).

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 SharePoint site.

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:** 1

**maxLength:** 55

### Constraints

**Data Type**  
string

**minLength**  
1

**maxLength**  
55

### Data Element Comment

May be auto-populated if list created in dFacility.07 (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 Nillable	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.08 (Facility City).

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](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** string      **length** 2

### Data Element Comment

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

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

## eDisposition.06 - Destination County

## Definition

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_06	Is 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	length
string	5

## Data Element Comment

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

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](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.10 (Facility ZIP Code).

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

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

## eDisposition.08 - Destination Country

## Definition

The country of the destination.

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

## Constraints

**Data Type** string      **length** 2

## Data Element Comment

May be auto-populated if list created in dFacility.12 (Facility Country).

ANSI Country Codes (ISO 3166) Website: [http://www.iso.org/iso/country\\_codes/iso\\_3166\\_code\\_lists.htm](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.13 (Facility GPS Location).

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

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

## eDisposition.10 - Disposition Location US National Grid Coordinates

## Definition

The US National Grid Coordinates for the Disposition Location. This may be the Healthcare Facility US National Grid Coordinates.

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

## Constraints

## Pattern

[1][0-9][R,S,T,U][ABCDEFGHIJKLMNOPQRSTUVWXYZ][ABCDEFGHIJKLMNOPQRSTUVWXYZ][0-9]{8}

## Data Element Comment

Standard found at [www.fgdc.gov/usng](http://www.fgdc.gov/usng).

Through programming this may be partially auto-populated if the list is created in dFacility.14 (Facility US National Grid Coordinates).

State

## eDisposition.11 - Number of Patients Transported in this EMS Unit

### Definition

The number of patients transported by this EMS crew and unit.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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 by this EMS Unit.

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	Canceled (Prior to Arrival At Scene)
4212009	No Patient Contact (Canceled on Scene)
4212011	No Patient Found (Canceled on Scene)
4212013	Patient Dead at Scene-No EMS Transport
4212015	Patient Dead at Scene-Transported by EMS
4212017	Patient Evaluated, No Treatment/Transport Required
4212019	Patient Refused Evaluation/Care (With Transport)
4212021	Patient Refused Evaluation/Care and (Without Transport)
4212023	Patient Treated, Released (AMA)
4212025	Patient Treated, Released (per protocol)
4212027	Patient Treated, Transferred Care to Another EMS Professional
4212029	Patient Treated, Transported by EMS
4212031	Patient Treated, Transported by Law Enforcement
4212033	Patient Treated, Transported by Private Vehicle
4212035	Standby-No Services or Support Provided
4212037	Standby-Public Safety, Fire, or EMS Operational Support Provided
4212039	Transport of Body Parts or Organs Only

### Data Element Comment

## eDisposition.13 - How Patient Was Moved to Ambulance

## Definition

The method the patient was moved to the ambulance from the scene

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E20_11	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

## 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

## Data Element Comment

## eDisposition.14 - Position of Patient During Transport

## Definition

The position of the patient during transport from the scene

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E20_12	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

## 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

## Data Element Comment

## eDisposition.15 - How Patient Was Transported From Ambulance

## Definition

The method the patient was moved from the ambulance to the destination

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E20_13	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

## Code      Description

9909001	Assisted/Walk
9909003	Backboard
9909005	Chair
9909007	Carried
9909009	Other (Not Listed)
9909011	Stairchair
9909013	Stretcher
9909015	Wheelchair

## Data Element Comment

## eDisposition.16 - EMS Transport Method

## Definition

Transport method by this EMS Unit.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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.

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

## eDisposition.17 - Transport Mode from Scene

### Definition

Indication whether the transport was emergent or non-emergent.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_14	Is 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

The documentation of transport mode techniques for this EMS response.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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	Speed-Enhanced per Local Policy
4218009	Speed-Normal Traffic

## Data Element Comment

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

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

## eDisposition.19 - Condition of Patient at Destination

### Definition

The condition of the patient after care by EMS

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_15	Is 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

[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/On-Scene Medical Direction
4220013	Other (Not Listed)
4220015	Patient's Choice
4220017	Patient's Physician's Choice
4220019	Protocol
4220021	Regional Specialty Center

### Data Element Comment

Required if Patient Transported

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

## eDisposition.21 - Type of Destination

### Definition

The type of destination the patient was delivered or transferred to

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_17	Is 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-Non-Emergency Department Bed
4221007	Medical Office/Clinic
4221009	Morgue/Mortuary
4221011	Nursing Home/Assisted Living Facility
4221013	Other (Not Listed)
4221015	Other EMS Responder (air)
4221017	Other EMS Responder (ground)
4221019	Police/Jail

### Data Element Comment

Required if Patient Transported by EMS. "Hospital-In Patient Bed" includes any location in the hospital except the Emergency Department. Choices include those in eDisposition.22 (Hospital In-Patient Destination).

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

## eDisposition.22 - Hospital In-Patient Destination

### Definition

The location within the hospital that the patient was taken directly by EMS (e.g. Cath Lab, ICU, etc.)

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element		Is 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	Behavioral Health
9908003	Burn Center
9908005	Critical Access Hospital
9908007	Hospital (General)
9908009	Neonatal Center
9908011	Pediatric Center
9908013	STEMI
9908015	STEMI Center (24/7)
9908017	Stroke Center
9908019	Rehab Center
9908021	Trauma Center Level 1
9908023	Trauma Center Level 2
9908025	Trauma Center Level 3
9908027	Trauma Center Level 4
9908029	Trauma Center Level 5

### Data Element Comment

To be documented when in eDisposition.21 (Type of Destination) equals "4221003: Hospital-Emergency Department" or "4221005: Hospital-In Patient Bed" is selected .

### Version 3 Changes Implemented

Added to aid in determining if patients are transported to the appropriate hospital based on provider impression, assessment, and treatment.

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

## eDisposition.24 - Destination Team Pre-Arrival Activation

### Definition

Activation of the Destination Healthcare Facility Team prior to EMS arrival for acute ill or injured patient.

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

### Associated Performance Measure Initiatives

Cardiac Arrest    STEMI    Stroke    Trauma

### Attributes

#### NOT Values

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

### Data Element Comment

### Version 3 Changes Implemented

Added to better document performance measure for acute time dependent illness and injury systems of care.

## eDisposition.25 - Date/Time of Destination Prearrival Activation

## Definition

Date/Time EMS Notified/Activated the Destination Healthcare Facility Team prior to EMS arrival for acute ill or injured patient.

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

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

## Attributes

## NOT Values

7701003 - Not Recorded

7701001 - Not Applicable

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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 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

## Data Element Comment

## Version 3 Changes Implemented

Added to better document instructions given to patients not transported by EMS.

# eOutcome

## Legend

Dataset Level: N National S State

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

## 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](http://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](http://www.ub04.net/downloads/Medicare_Pub_Ch_25.pdf) Please reference the section "FL 17 - Patient Status" found on page 23-25 of 126.

## eOutcome.02 - Hospital Disposition

### Definition

The known disposition of the patient from the hospital, if admitted.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E22_02	Is 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](http://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](http://www.ub04.net/downloads/Medicare_Pub_Ch_25.pdf) Please reference the section "FL 17 - Patient Status" found on page 23-25 of 126.

## eOutcome.03 - External Report ID/Number Type

## Definition

The Type of External Report or Record associated with the Report/ID Number.

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

## Code List

## Code      Description

4303001	Disaster Tag
4303003	Fire Incident Report
4303005	Hospital-Receiving
4303007	Hospital-Transferring
4303009	Law Enforcement Report
4303011	Other (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** string      **minLength** 2      **maxLength** 100

## Data Element Comment

## Version 3 Changes Implemented

Added to better evaluate EMS patient care.

## eOutcome.07 - First ED Systolic Blood Pressure

## Definition

The first recorded Emergency Department Systolic Blood Pressure.

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

## Constraints

Data Type	minValue	maxValue
integer	0	500

## Data Element Comment

## Version 3 Changes Implemented

Added to better evaluate the outcome of EMS care.

eOutcome.08 - Emergency Department Recorded Cause of Injury

## Definition

The documented cause of injury from the emergency department record.

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

## Constraints

## Pattern

$((T((65,(9[0-4][0-9]))|(9[0-4]))|(9)))|(3([6-9].[0-9].[0-9]{0,2}))|((4-5).[0-9].|[0-9]{0,2}))|(6([0-4].|[0-9].[0-9]{0,2}))|(65.[0-8].[0-9]{0,2})))|((T((71.($

## Data Element Comment

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

ICD-10-CM

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

Product - UMLS Metathesaurus

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

[0-9A-HJ-NP-Z][0-9A-Za-z]{1,6}

### Data Element Comment

Code list is represented in ICD-10-PCS: Procedure 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

[0-9A-HJ-NP-Z][0-9A-Za-z]{1,6}

## Data Element Comment

Code list is represented in ICD-10-CM: Diagnosis 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

[0-9A-HJ-NP-Z][0-9A-Za-z]{1,6}

### Data Element Comment

Code list is represented in ICD-10-PCS: Procedure 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

[0-9A-HJ-NP-Z][0-9A-Za-z]{1,6}

### Data Element Comment

Code list is represented in ICD-10-CM: Diagnosis 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

### Data Element Comment

### Version 3 Changes Implemented

Added to better measure patient outcomes.

## eOutcome.15 - Total Ventilator Days

### Definition

The total number of patient days spend on a mechanical ventilator (excluding time in the operating room).

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

### Constraints

Data Type	minValue	maxValue
integer	1	400

### Data Element Comment

### Version 3 Changes Implemented

Added to better measure and define patient outcome.

## eOutcome.16 - Date/Time of Hospital Discharge

## Definition

The date the patient was discharged from the hospital.

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

## Constraints

**Data Type** dateTime      **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 measure patient outcome.

## eOutcome.17 - Outcome at Hospital Discharge

## Definition

The patient's functional status at time of hospital discharge.

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

## Code List

## Code      Description

- |         |   |
|---------|---|
| 4317001 | No Symptoms At All  |
| 4317003 | No significant disability despite symptoms; able to carry out all usual duties and activities                               |
| 4317005 | Slight disability; unable to carry out all previous activities, but able to look after own affairs without assistance       |
| 4317007 | Moderate disability; requiring some help, but able to walk without assistance   |
| 4317009 | Moderately severe disability; unable to walk without assistance and unable to attend to own bodily needs without assistance |
| 4317011 | Severe disability; bedridden, incontinent and requiring constant nursing care and attention                                 |
| 4317013 | Dead  |

## Data Element Comment

# 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	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">C</span>
0 : 1	eCustomConfiguration.01 - Custom Data Element Title	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>
0 : 1	eCustomConfiguration.02 - Custom Definition	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>
0 : 1	eCustomConfiguration.03 - Custom Data Type	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>
0 : 1	eCustomConfiguration.04 - Custom Data Element Recurrence	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>
0 : 1	eCustomConfiguration.05 - Custom Data Element Usage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>
0 : M	eCustomConfiguration.06 - Custom Data Element Potential Values	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">O</span>

## 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

## Data Element Comment

## eCustomConfiguration.03 - Custom Data Type

## Definition

The data type of the custom element.

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

## Code List

**Code      Description**

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

## Data Element Comment

## eCustomConfiguration.04 - Custom Data Element Recurrence

### Definition

Indication if the data element will accept multiple values.

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

### Code List

**Code      Description**

9923001 No  
9923003 Yes

### Data Element Comment

### Version 3 Changes Implemented

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

## eCustomConfiguration.05 - Custom Data Element Usage

## Definition

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

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

## Code List

## Code      Description

- |         |             |
|---------|-------------|
| 9903001 | Mandatory   |
| 9903003 | Required    |
| 9903005 | Recommended |
| 9903007 | Optional    |

## Data Element Comment

Mandatory = Must be completed and will not accept null values

Required = Must be completed but will accept null values

Recommended = Not required but if collected will accept null values

Optional = Not required but if collected, it cannot be a null value.

## Version 3 Changes Implemented

Added to allow customized data elements to be inserted and collected from within the 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 Nillable	No
Usage	Optional	Recurrence	0 : M

## Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	1	100

## Data Element Comment

## 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	<span style="border: 1px solid black; padding: 2px; background-color: #90EE90;">C</span>
0 : 1	eCustomResults.01 - Custom Data Element Result	<span style="border: 1px solid black; padding: 2px; background-color: #D3D3D3;">O</span>
0 : 1	eCustomResults.02 - Custom Data Element Reference	<span style="border: 1px solid black; padding: 2px; background-color: #D3D3D3;">O</span>
0 : 1	eCustomResults.03 - Custom Correlation ID	<span style="border: 1px solid black; padding: 2px; background-color: #D3D3D3;">O</span>

## 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** string      **minLength** 1      **maxLength** 100000

## Data Element Comment

## 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

## Data Element Comment

## 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

## Data Element Comment

# 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
1 : 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
0 : M	eOther.06 - The Type of Work-Related Injury, Death or Suspected Exposure	S E N, L C
0 : M	eOther.07 - Natural, Suspected, Intentional, or Unintentional Disaster	O C
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

## Data Element Comment

## 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

## Data Element Comment

## eOther.03 - Personal Protective Equipment Used

## Definition

The personal protective equipment which was used by EMS personnel during this EMS patient contact.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E23_03	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Attributes

## 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

## Data Element Comment

## eOther.04 - EMS Professional (Crew Member) ID

## Definition

The ID number of the EMS Crew Member associated with eOther.03, eOther.05, eOther.06.

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

## Constraints

Data Type	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 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**

Associated with eOther.04 (EMS Professional (Crew Member) ID)

State

## eOther.06 - The Type of Work-Related Injury, Death or Suspected Exposure

### Definition

The type of 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

## Attributes

## Correlation ID

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

## Code List

## Code    Description

4507001	Biologic Agent
4507003	Building Failure
4507005	Chemical Agent
4507007	Explosive Device
4507009	Fire
4507011	Hostage Event
4507013	Mass Gathering
4507015	Mass Illness
4507017	Nuclear Agent
4507019	Radioactive Device
4507021	Secondary Destructive Device
4507023	Shooting/Sniper
4507025	Vehicular
4507027	Weather

## Data Element Comment

Based on FEMA website

State

## eOther.08 - Crew Member Completing this Report

### Definition

The statewide assigned ID number of the EMS crew member which completed this patient care report

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E23_10	Is 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

## Data Element Comment

## 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

### Code List

Code	Description
4513001	HIPAA acknowledgement/Release
4513003	Permission to Treat
4513005	Release for Billing
4513007	Transfer of Patient Care

### Data Element Comment

## 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

## Data Element Comment

## 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

## Data Element Comment

## 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

## Data Element Comment

## 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

### Constraints

#### Data Type

base64Binary

### Data Element Comment

### 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

### Data Element Comment

### 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	50

## Data Element Comment

## Version 3 Changes Implemented

Added to better document disposition and billing.

# eState

**Legend**Dataset 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**eState**

0 : M    eState.01 - State Required Element

**O****eState**

## eState.01 - State Required Element

## Definition

Indicates which elements are required by the state

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

## Constraints

Data Type	minLength	maxLength
string	1	100

## Data Element Comment

# eCAD

## 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

## eCAD

0 : 1	eCad.01 - (dAgency.01) EMS Agency Unique State ID	O
0 : 1	eCad.02 - (dAgency.02) EMS Agency Number	O
0 : 1	eCad.03 - (dAgency.03) EMS Agency Name	O
0 : 1	eCad.04 - (dAgency.04) EMS Agency State	O
0 : M	eCad.05 - (dConfiguration.17) Dispatch Center (CAD) Name or ID	O C
0 : 1	eCad.06 - (eRecord.01) Patient Care Report Number	O
1 : 1	eCAD.AgencyGroup	
1 : 1	eCad.07 - (eResponse.01) EMS Agency Number	N S M
0 : 1	eCad.08 - (eResponse.02) EMS Agency Name	S E
1 : 1	eCad.09 - (eResponse.03) Incident Number	N S R N, L
0 : 1	eCad.10 - (eResponse.04) EMS Response Number	O
0 : 1	eCAD.ServiceGroup	
0 : 1	eCad.11 - (eResponse.05) Type of Service Requested	O
0 : 1	eCad.12 - (eResponse.06) Standby Purpose	O
0 : 1	eCad.13 - (eResponse.07) Primary Role of the Unit	O
0 : M	eCad.14 - (eResponse.08) Type of Dispatch Delay	O C
0 : M	eCad.15 - (eResponse.09) Type of Response Delay	O C
0 : M	eCad.16 - (eResponse.10) Type of Scene Delay	O C
0 : M	eCad.17 - (eResponse.11) Type of Transport Delay	O C
0 : M	eCad.18 - (eResponse.12) Type of Turn-Around Delay	O C
0 : 1	eCad.19 - (eResponse.13) EMS Vehicle (Unit) Number	O
0 : 1	eCad.20 - (eResponse.14) EMS Unit Call Sign	O
0 : 1	eCad.21 - (eResponse.15) Level of Care of This Unit	O
0 : 1	eCad.22 - (eResponse.16) Vehicle Dispatch Location	O
0 : 1	eCad.23 - (eResponse.17) Vehicle Dispatch GPS Location	O
0 : 1	eCad.24 - (eResponse.18) Vehicle Dispatch US National Grid Location	O
0 : 1	eCad.25 - (eResponse.19) Beginning Odometer Reading of Responding Vehicle	O
0 : 1	eCad.26 - (eResponse.20) On-Scene Odometer Reading of Responding Vehicle	O
0 : 1	eCad.27 - (eResponse.21) Patient Destination Odometer Reading of Responding Vehicle	O
0 : 1	eCad.28 - (eResponse.22) Ending Odometer Reading of Responding Vehicle	O
0 : 1	eCad.29 - (eResponse.23) Response Mode to Scene	O
0 : M	eCad.30 - (eResponse.24) Additional Response Mode Descriptors	O C

1 : 1	eCad.31 - (eDispatch.01) Complaint Reported by Dispatch	N S M
0 : 1	eCad.32 - (eDispatch.02) EMD Performed	O
0 : 1	eCad.33 - (eDispatch.03) EMD Card Number	O
0 : 1	eCad.34 - (eDispatch.04) Dispatch Center Name or ID	O
0 : 1	eCad.35 - (eDispatch.05) Dispatch Priority (Patient Acuity)	O
0 : 1	eCad.36 - (eTimes.01) PSAP Call Date/Time	O
0 : 1	eCad.37 - (eTimes.02) Dispatch Notified Date/Time	O
1 : 1	eCad.38 - (eTimes.03) Unit Notified by Dispatch Date/Time	N S M
0 : 1	eCad.39 - (eTimes.04) Dispatch Acknowledged Date/Time	O
0 : 1	eCad.40 - (eTimes.05) Unit En Route Date/Time	O
0 : 1	eCad.41 - (eTimes.06) Unit Arrived on Scene Date/Time	O
0 : 1	eCad.42 - (eTimes.07) Arrived at Patient Date/Time	O
0 : 1	eCad.43 - (eTimes.08) Transfer of EMS Patient Care Date/Time	O
0 : 1	eCad.44 - (eTimes.09) Unit Left Scene Date/Time	O
0 : 1	eCad.45 - (eTimes.10) Arrival at Destination Landing Area Date/Time	O
0 : 1	eCad.46 - (eTimes.11) Patient Arrived at Destination Date/Time	O
0 : 1	eCad.47 - (eTimes.12) Destination Patient Transfer of Care Date/Time	O
0 : 1	eCad.48 - (eTimes.13) Unit Back in Service Date/Time	O
0 : 1	eCad.49 - (eTimes.14) Unit Canceled Date/Time	O
0 : 1	eCad.50 - (eTimes.15) Unit Back at Home Location Date/Time	O
0 : 1	eCad.51 - (eTimes.16) EMS Call Completed Date/Time	O
0 : 1	eCad.52 - (ePatient.01) EMS Patient ID	O
0 : 1	eCAD.PatientNameGroup	
0 : 1	eCad.53 - (ePatient.02) Last Name	O
0 : 1	eCad.54 - (ePatient.03) First Name	O
0 : 1	eCad.55 - (ePatient.04) Middle Initial/Name	O
0 : 1	eCad.56 - (ePatient.05) Patient's Home Address	O
0 : 1	eCad.57 - (ePatient.06) Patient's Home City	O
0 : 1	eCad.58 - (ePatient.07) Patient's Home County	O
0 : 1	eCad.59 - (ePatient.08) Patient's Home State	O
0 : 1	eCad.60 - (ePatient.09) Patient's Home ZIP Code	O
0 : 1	eCad.61 - (ePatient.10) Patient's Home Country	O
0 : 1	eCad.62 - (ePatient.11) Patient Home Census Tract	O
0 : 1	eCad.63 - (ePatient.12) Social Security Number	O
0 : 1	eCad.64 - (ePatient.13) Gender	O
0 : M	eCad.65 - (ePatient.14) Race	O C

0 : 1	eCAD.AgeGroup	
0 : 1	eCad.66 - (ePatient.15) Age	O
0 : 1	eCad.67 - (ePatient.16) Age Units	O
0 : 1	eCad.68 - (ePatient.17) Date of Birth	O
0 : M	eCad.69 - (ePatient.18) Patient's Phone Number	O C
0 : 1	eCad.70 - (eScene.01) First EMS Unit on Scene	O
0 : M	eCAD.ResponderGroup	C
0 : 1	eCad.71 - (eScene.02) Other EMS or Public Safety Agencies at Scene	O
0 : 1	eCad.72 - (eScene.03) Other EMS or Public Safety Agency ID Number	O
0 : 1	eCad.73 - (eScene.04) Type of Other Service at Scene	O
0 : 1	eCad.74 - (eScene.05) Date/Time Initial Responder Arrived on Scene	O
0 : 1	eCad.75 - (eScene.06) Number of Patients at Scene	O
0 : 1	eCad.76 - (eScene.07) Mass Casualty Incident	O
0 : 1	eCad.77 - (eScene.08) Triage Classification for MCI Patient	O
0 : 1	eCad.78 - (eScene.09) Incident Location Type	O
0 : 1	eCad.79 - (eScene.10) Incident Facility Code	O
0 : 1	eCad.80 - (eScene.11) Scene GPS Location	O
0 : 1	eCad.81 - (eScene.12) Scene US National Grid Coordinates	O
0 : 1	eCad.82 - (eScene.13) Incident Facility or Location Name	O
0 : 1	eCad.83 - (eScene.14) Mile Post or Major Roadway	O
0 : 1	eCad.84 - (eScene.15) Incident Street Address	O
0 : 1	eCad.85 - (eScene.16) Incident Apartment, Suite, or Room	O
0 : 1	eCad.86 - (eScene.17) Incident City	O
0 : 1	eCad.87 - (eScene.18) Incident State	O
0 : 1	eCad.88 - (eScene.19) Incident ZIP Code	O
0 : 1	eCad.89 - (eScene.20) Scene Cross Street or Directions	O
0 : 1	eCad.90 - (eScene.21) Incident County	O
0 : 1	eCad.91 - (eScene.22) Incident Country	O
0 : 1	eCad.92 - (eScene.23) Incident Census Tract	O
0 : 1	eCAD.DestinationGroup	
0 : 1	eCad.93 - (eDisposition.01) Destination/Transferred To, Name	O
0 : 1	eCad.94 - (eDisposition.02) Destination/Transferred To, Code	O
0 : 1	eCad.95 - (eDisposition.03) Destination Street Address	O
0 : 1	eCad.96 - (eDisposition.04) Destination City	O
0 : 1	eCad.97 - (eDisposition.05) Destination State	O
0 : 1	eCad.98 - (eDisposition.06) Destination County	O

0 : 1	eCad.99 - (eDisposition.07) Destination ZIP Code	O
0 : 1	eCad.100 - (eDisposition.08) Destination Country	O
0 : 1	eCad.101 - (eDisposition.09) Destination GPS Location	O
0 : 1	eCad.102 - (eDisposition.10) Disposition Location US National Grid Coordinates	O
0 : 1	eCad.103 - (eDisposition.11) Number of Patients Transported in this EMS Unit	O
0 : 1	eCad.104 - (eDisposition.16) EMS Transport Method	O
0 : 1	eCad.105 - (eDisposition.17) Transport Mode from Scene	O
0 : M	eCad.106 - (eDisposition.18) Additional Transport Mode Descriptors	O C
0 : 1	eCad.107 - (eDisposition.21) Type of Destination	O
0 : M	eCAD.HospitalTeamActivationGroup	C
0 : 1	eCad.108 - (eDisposition.24) Destination Team Pre-Arrival Activation	O
0 : 1	eCad.109 - (eDisposition.25) Date/Time of Destination Prearrival Activation	O
0 : 1	eCad.CustomGroup	
0 : M	eCad.eCustomConfiguration.CustomGroup	C
0 : 1	eCad.110 - (eCustomConfiguration.01) Custom Data Element Title	O
0 : 1	eCad.111 - (eCustomConfiguration.02) Custom Definition	O
0 : 1	eCad.112 - (eCustomConfiguration.03) Custom Data Type	O
0 : 1	eCad.113 - (eCustomConfiguration.04) Custom Data Element Recurrence	O
0 : 1	eCad.114 - (eCustomConfiguration.05) Custom Data Element Usage	O
0 : M	eCad.115 - (eCustomConfiguration.06) Custom Data Element Potential Values	O
0 : 1	eCad.116 - (eCustomResults.01) Custom Data Element Result	O
0 : 1	eCad.117 - (eCustomResults.02) Custom Data Element Reference	O
0 : 1	eCad.118 - (eCustomResults.03) Custom Correlation ID	O

eCAD

## eCad.01 - (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	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

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
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.

## eCad.02 - (dAgency.02) EMS Agency Number

## Definition

The state-assigned provider number of the responding agency

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D01_01	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

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).

**eCad.03 - (dAgency.03) EMS Agency Name****Definition**

The formal name of the agency.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D01_02	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	2	100

**Data Element Comment**

## eCad.04 - (dAgency.04) EMS Agency State

## Definition

The state/territory which assigned the EMS agency number.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D01_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

Data Type      length  
string            2

## Data Element Comment

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

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

## eCad.05 - (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 Nullable	No
Usage	Optional	Recurrence	0 : M

## Attributes

## Correlation ID

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

## Constraints

<b>Data Type</b> string	<b>minLength</b> 2	<b>maxLength</b> 100
----------------------------	-----------------------	-------------------------

## Data Element Comment

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

## Version 3 Changes Implemented

Added to the dataset to assist in identifying the CAD / dispatch center providing information to the EMS agency and ePCR when there are multiple dispatch centers sending resources to the same EMS incident.

## eCad.06 - (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	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E01_01	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	3	32

## Data Element Comment

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

## eCad.07 - (eResponse.01) EMS Agency Number

### Definition

The state-assigned provider number of the responding agency

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Constraints

Data Type	minLength	maxLength
string	1	15

### Data Element Comment

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

State

## eCad.08 - (eResponse.02) EMS Agency Name

## Definition

EMS Agency Name

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

## Constraints

Data Type	minLength	maxLength
string	2	100

## Data Element Comment

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

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

## eCad.09 - (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.

## eCad.10 - (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	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	3	32

## Data Element Comment

## eCad.11 - (eResponse.05) Type of Service Requested

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

## Code List

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

## Data Element Comment

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

## eCad.12 - (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? when populated in eResponse.05 (Type of Service Requested). This information will assist in administrative analysis of EMS service delivery, special event coverage, etc.

## eCad.13 - (eResponse.07) Primary Role of the Unit

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Code List

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

## Data Element Comment

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

## eCad.14 - (eResponse.08) Type of Dispatch Delay

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_06	Is Nillable	No
Usage	Optional	Recurrence	0 : 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
2208001	Caller (Uncooperative)
2208003	Diversion/Failure (of previous unit)
2208005	High Call Volume
2208007	Language Barrier
2208009	Location (Inability to Obtain)
2208011	No EMS Vehicles (Units) Available
2208013	None/No Delay
2208015	Other (Not Listed)
2208017	Technical Failure (Computer, Phone etc.)

## Data Element Comment

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

## eCad.15 - (eResponse.09) Type of Response Delay

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_07	Is Nillable	No
Usage	Optional	Recurrence	0 : 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
2209001	Crowd
2209003	Directions/Unable to Locate
2209005	Distance
2209007	Diversion (Different Incident)
2209009	HazMat
2209011	None/No Delay
2209013	Other (Not Listed)
2209015	Rendezvous Transport Unavailable
2209017	Route Obstruction (e.g., train)
2209019	Scene Safety (Not Secure for EMS)
2209021	Staff Delay
2209023	Traffic
2209025	Vehicle Crash Involving this Unit
2209027	Vehicle Failure of this Unit
2209029	Weather

## Data Element Comment

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

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

## eCad.16 - (eResponse.10) Type of Scene Delay

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_08	Is Nillable	No
Usage	Optional	Recurrence	0 : 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
2210001	Awaiting Air Unit
2210003	Awaiting Ground Unit
2210005	Crowd
2210007	Directions/Unable to Locate
2210009	Distance
2210011	Extrication
2210013	HazMat
2210015	Language Barrier
2210017	None/No Delay
2210019	Other (Not Listed)
2210021	Patient Access
2210023	Safety-Crew/Staging
2210025	Safety-Patient
2210027	Staff Delay
2210029	Traffic
2210031	Triage/Multiple Patients
2210033	Vehicle Crash Involving this Unit
2210035	Vehicle Failure of this Unit
2210037	Weather

## Data Element Comment

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

## eCad.17 - (eResponse.11) Type of Transport Delay

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_09	Is Nillable	No
Usage	Optional	Recurrence	0 : 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
2211001	Crowd
2211003	Directions/Unable to Locate
2211005	Distance
2211007	Diversion
2211009	HazMat
2211011	None/No Delay
2211013	Other (Not Listed)
2211015	Rendezvous Transport Unavailable
2211017	Route Obstruction (e.g., Train)
2211019	Safety
2211021	Staff Delay
2211023	Traffic
2211025	Vehicle Crash Involving this Unit
2211027	Vehicle Failure of this Unit
2211029	Weather

## Data Element Comment

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

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

## eCad.18 - (eResponse.12) Type of Turn-Around Delay

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_10	Is Nullable	No
Usage	Optional	Recurrence	0 : M

## Associated Performance Measure Initiatives

Response

## Attributes

## 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	Rendezvous Transport Unavailable
2212021	Route Obstruction (e.g. Train)
2212023	Staff Delay
2212025	Traffic
2212027	Vehicle Crash of this Unit
2212029	Vehicle Failure of this Unit
2212031	Weather

## Data Element Comment

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

If a patient is being transported by the unit, turn-around delay is any time delay that occurs from the time the patient arrived at the destination (eTimes.10) until the time the unit is back in service (eTimes.13) or unit back at the home location (eTimes15) [whichever is the greater of the two times].

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

## eCad.19 - (eResponse.13) EMS Vehicle (Unit) Number

## Definition

The unique physical vehicle number of the responding unit.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 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.

## eCad.20 - (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	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_12	Is Nullable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	1	50

## Data Element Comment

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

## eCad.21 - (eResponse.15) Level of Care of This Unit

## Definition

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

National Element	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**

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

## Data Element Comment

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

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

## eCad.22 - (eResponse.16) 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	100

## Data Element Comment

This element can be populated from dLocation.02 EMS Location Name or dFacility information. Depending on the information the EMS Agency or State is interested in knowing the following elements can be utilized:

1. dLocation.02 EMS Location Name
2. dFacility.02 Facility Name
3. dFacility.03 Facility Code
4. dFacility.15 Facility GPS Location

## eCad.23 - (eResponse.17) Vehicle Dispatch GPS Location

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_15	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Response

## Constraints

## Pattern

(\+|-)?([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

## eCad.24 - (eResponse.18) 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](http://www.fgdc.gov/usng). Used by the EMS components of US Governmental entities such as national parks and military agencies.

## eCad.25 - (eResponse.19) Beginning Odometer Reading of Responding Vehicle

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	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.

## eCad.26 - (eResponse.20) On-Scene Odometer Reading of Responding Vehicle

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	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.

## eCad.27 - (eResponse.21) Patient Destination Odometer Reading of Responding Vehicle

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_18	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

<b>Data Type</b>	<b>totalDigits</b>	<b>fractionDigits</b>
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.

## eCad.28 - (eResponse.22) Ending Odometer Reading of Responding Vehicle

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_19	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

<b>Data Type</b>	<b>totalDigits</b>	<b>fractionDigits</b>
decimal	8	2

## Data Element Comment

## eCad.29 - (eResponse.23) Response Mode to Scene

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E02_20	Is Nullable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

## Code List

**Code      Description**

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

## Data Element Comment

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

## eCad.30 - (eResponse.24) Additional Response Mode Descriptors

## Definition

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

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

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

## Data Element Comment

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

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

## eCad.31 - (eDispatch.01) Complaint Reported by Dispatch

### Definition

The complaint dispatch reported to the responding unit.

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

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Code List

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

- 2301073 Traumatic Injury
- 2301075 Well Person Check
- 2301077 Unconscious/Fainting/Near-Fainting
- 2301079 Unknown Problem/Person Down

#### Data Element Comment

Added Pandemic/Epidemic/Outbreak.  
Added Automated Crash Notification  
Added Healthcare Professional Admission  
Added Interfacility/Evaluation/Transfer  
- Other entries expanded based on current national EMD Dispatch List

## eCad.32 - (eDispatch.02) EMD Performed

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E03_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Code List

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

## Data Element Comment

## eCad.33 - (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

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	1	10

## Data Element Comment

## eCad.34 - (eDispatch.04) Dispatch Center Name or ID

## Definition

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

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

## Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
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.

## eCad.35 - (eDispatch.05) Dispatch Priority (Patient Acuity)

## Definition

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

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

## Code List

## Code      Description

- 2305001 Priority 1 (Critical)
- 2305003 Priority 2 (Emergent)
- 2305005 Priority 3 (Lower Acuity)
- 2305007 Priority 4 (Non-Acute [e.g. Scheduled Transfer or Standby])

## Data Element Comment

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

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

Echo = Priority 1	Charlie = Priority 2	Alpha = Priority 3
Delta = Priority 1	Bravo = Priority 2	Omega = Priority 4

Priority 1 is typically an emergent (lights and sirens) response

Priority 2 is typically an emergent response without the use lights and sirens

Priority 3 is typically a non-emergent response for nursing home, hospital-to-hospital transfers, etc.

Priority 4 is typically a scheduled response (scheduled transfer) or standby event

Definitions related to ?Critical, Emergent, and Lower Acuity? can be found in the National EMS Core Content document from NHTSA EMS (DOT HS 809-898 July 2005) at

<http://www.nhtsa.gov/people/injury/ems/emscorecontent/images/EMSCoreContent.pdf>

## eCad.36 - (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	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E05_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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

## eCad.37 - (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	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 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

## eCad.38 - (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 Nullable	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+)? (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

## eCad.39 - (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 Nullable	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

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+)? (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

## eCad.40 - (eTimes.05) Unit En Route Date/Time

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E05_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 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})?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

## eCad.41 - (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	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E05_06	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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

## eCad.42 - (eTimes.07) Arrived at Patient Date/Time

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E05_07	Is Nillable	No
Usage	Optional	Recurrence	0 : 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})?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

## eCad.43 - (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	No	NOT Values	No
Version 2 Element	E05_08	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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

## eCad.44 - (eTimes.09) Unit Left Scene Date/Time

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E05_09	Is Nillable	No
Usage	Optional	Recurrence	0 : 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})?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

## eCad.45 - (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	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

## eCad.46 - (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	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E05_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 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})?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

## eCad.47 - (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	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	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 was added to better document delays in ED transfer of care due to ED crowding or other issues beyond EMS control.

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

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

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

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

## eCad.48 - (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	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E05_11	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

## eCad.49 - (eTimes.14) Unit Canceled Date/Time

## Definition

The date/time the unit was canceled.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E05_12	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

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

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

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

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

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

## eCad.50 - (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 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

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

## eCad.51 - (eTimes.16) EMS Call Completed Date/Time

## Definition

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

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

## Associated Performance Measure Initiatives

Response

## Constraints

Data Type	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

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

## eCad.52 - (ePatient.01) EMS Patient ID

## Definition

The unique ID for the patient within the Agency

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

## Constraints

**Data Type** string      **minLength** 2      **maxLength** 100

## Data Element Comment

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

## eCad.53 - (ePatient.02) Last Name

## Definition

The patient's last (family) name

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_01	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

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

## eCad.54 - (ePatient.03) First Name

## Definition

The patient's first (given) name

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

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

## eCad.55 - (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	50

## Data Element Comment

## eCad.56 - (ePatient.05) Patient's Home Address

## Definition

The patient's home mailing or street address

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Attributes

## Street Address 2

**Data Type:** string      **minLength:** 1      **maxLength:** 55

## Constraints

**Data Type** string      **minLength** 1      **maxLength** 55

## Data Element Comment

This is a CMS standard. According to the Medicare Claims Processing Manual, Chapter 15 - Ambulance, Ambulance suppliers bill using CMS-1500 form or CMS-1450 form for institution-based ambulance providers. This standard adheres to CMS-1500 and 1450.

## eCad.57 - (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	No	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](http://geonames.usgs.gov/domestic/download_data.htm)

## eCad.58 - (ePatient.07) Patient's Home County

## Definition

The patient's home county or parish or residence

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_06	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

<b>Data Type</b>	<b>length</b>
string	5

## Data Element Comment

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

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

## eCad.59 - (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	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_07	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

### Constraints

**Data Type** string      **length** 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](http://geonames.usgs.gov/domestic/download_data.htm)

## eCad.60 - (ePatient.09) Patient's Home ZIP Code

## Definition

The patient's home ZIP code of residence

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_08	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## 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

## eCad.61 - (ePatient.10) Patient's Home Country

## Definition

The country in which the patient lives.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	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](http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm)

## eCad.62 - (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](http://www.census.gov/geo/www/2010census/tract_rel/tract_rel.html)

## eCad.63 - (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

## Data Element Comment

## eCad.64 - (ePatient.13) Gender

## Definition

The Patient's Gender

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Code List

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

## Data Element Comment

## eCad.65 - (ePatient.14) Race

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_12	Is Nillable	No
Usage	Optional	Recurrence	0 : 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
2514001	American Indian or Alaska Native
2514003	Asian
2514005	Black or African American
2514007	Hispanic or Latino
2514009	Native Hawaiian or Other Pacific Islander
2514011	White

## Data Element Comment

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

Ethnicity (Version 2.2.1: E06\_13) has been merged with this data element and retired.

## eCad.66 - (ePatient.15) Age

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_14	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
integer	1	120

## Data Element Comment

## eCad.67 - (ePatient.16) Age Units

## Definition

The unit used to define the patient's age

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_15	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Code List

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

## Data Element Comment

## eCad.68 - (ePatient.17) Date of Birth

## Definition

The patient's date of birth

National Element	No	Pertinent Negatives (PN)	No
State Element	No	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

## Data Element Comment

## eCad.69 - (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]

## Data Element Comment

## eCad.70 - (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	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 the evaluation of Response Times when multiple EMS units are responding to the same scene.

## eCad.71 - (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

## eCad.72 - (eScene.03) Other EMS or Public Safety Agency ID Number

## Definition

The ID number for the EMS Agency or Other Public Safety listed in eScene.02

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

## Constraints

**Data Type** string      **minLength** 1      **maxLength** 25

## Data Element Comment

The ID should be the state ID (license number) for the EMS agency or ID number for the law enforcement. This may be an ID assigned by the state or created by the EMS agency.

## eCad.73 - (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

## eCad.74 - (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

## eCad.75 - (eScene.06) Number of Patients at Scene

## Definition

Indicator of how many total patients were at the scene

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

**Code      Description**

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

## Data Element Comment

## eCad.76 - (eScene.07) Mass Casualty Incident

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_06	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Trauma

## Code List

Code	Description
9923001	No
9923003	Yes

## Data Element Comment

## eCad.77 - (eScene.08) Triage Classification for MCI Patient

## Definition

The color associated with the initial triage assessment/classification of the MCI 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      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Code List

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

## Data Element Comment

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

Examples of triage systems include START and SALT.

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

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

## eCad.78 - (eScene.09) Incident Location Type

### Definition

The kind of location where the incident happened

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_07	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

### Constraints

#### Pattern

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

### Data Element Comment

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

ICD-10-CM

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

Product - UMLS Metathesaurus

## eCad.79 - (eScene.10) Incident Facility Code

## Definition

The state, regulatory, or other unique number (code) associated with the facility if the Incident is a Healthcare Facility.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_08	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	2	50

## Data Element Comment

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

## eCad.80 - (eScene.11) Scene GPS Location

## Definition

The GPS coordinates associated with the Scene.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_10	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

## Pattern

(\+|-)?([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

## eCad.81 - (eScene.12) Scene US National Grid Coordinates

## Definition

The US National Grid Coordinates for the Scene.

National Element	No	Pertinent Negatives (PN)	No
State Element	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](http://www.fgdc.gov/usng)

## eCad.82 - (eScene.13) Incident Facility or Location Name

## Definition

The name of the facility, business, building, etc. associated with the scene of the EMS event.

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

## Constraints

**Data Type** string      **minLength** 2      **maxLength** 100

## Data Element Comment

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

## eCad.83 - (eScene.14) Mile Post or Major Roadway

## Definition

The mile post or major roadway associated with the incident locations

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

## Constraints

Data Type	minLength	maxLength
string	2	35

## Data Element Comment

## eCad.84 - (eScene.15) Incident Street Address

## Definition

?The street address where the patient was found, or, if no patient, the address to which the unit responded.?

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

## Attributes

## Street Address 2

**Data Type:** string      **minLength:** 1      **maxLength:** 55

## Constraints

**Data Type** string      **minLength** 1      **maxLength** 55

## Data Element Comment

This is a CMS standard. According to the Medicare Claims Processing Manual, Chapter 15 - Ambulance, Ambulance suppliers bill using CMS-1500 form or CMS-1450 form for institution-based ambulance providers.

## eCad.85 - (eScene.16) Incident Apartment, Suite, or Room

## Definition

The number of the specific apartment, suite, or room where the incident occurred.

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

## Constraints

Data Type	minLength	maxLength
string	1	15

## Data Element Comment

## eCad.86 - (eScene.17) Incident City

## Definition

The city or township (if applicable) where the patient was found or to which the unit responded (or best approximation)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_12	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](http://geonames.usgs.gov/domestic/download_data.htm)

## eCad.87 - (eScene.18) Incident State

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_14	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway     Cardiac Arrest     Pediatric     Response     STEMI     Stroke     Trauma

## Constraints

<b>Data Type</b>	<b>length</b>
string	2

## Data Element Comment

Based on the ANSI State Code.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

## eCad.88 - (eScene.19) Incident ZIP Code

## Definition

The ZIP code of the incident location

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_15	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## 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

## eCad.89 - (eScene.20) Scene Cross Street or Directions

## Definition

The nearest cross street to the incident address or directions from a recognized landmark or the second street name of an intersection.

National Element	No	Pertinent Negatives (PN)	No
State Element	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

## Version 3 Changes Implemented

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

## eCad.90 - (eScene.21) Incident County

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E08_13	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

<b>Data Type</b>	length
string	5

## Data Element Comment

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

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

## eCad.91 - (eScene.22) Incident Country

### Definition

The country of the incident location.

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

### Constraints

**Data Type** string **length** 2

### Data Element Comment

Based on the ISO Country Code.

ANSI Country Codes (ISO 3166) Website: [http://www.iso.org/iso/country\\_codes/iso\\_3166\\_code\\_lists.htm](http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm)

### Version 3 Changes Implemented

Added for international compatibility.

## eCad.92 - (eScene.23) Incident Census Tract

## Definition

The census tract in which the incident occurred.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nullable	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](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.

## eCad.93 - (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	No	NOT Values	No
Version 2 Element	E20_01	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      STEMI      Stroke      Trauma

## Constraints

Data Type	minLength	maxLength
string	2	100

## Data Element Comment

Recommended State data element since no national code for destination. May be populated from the list in dFacility.02 (Facility Name).

**eCad.94 - (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	No	NOT Values	No
Version 2 Element	E20_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

**Associated Performance Measure Initiatives**

Airway      Cardiac Arrest      Pediatric      STEMI      Stroke      Trauma

**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 SharePoint site.

## eCad.95 - (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	No	NOT Values	No
Version 2 Element	E20_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Attributes

#### Street Address 2

**Data Type:** string      **minLength:** 1      **maxLength:** 55

### Constraints

**Data Type** string      **minLength** 1      **maxLength** 55

### Data Element Comment

May be auto-populated if list created in dFacility.07 (Facility Street Address).

## eCad.96 - (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	No	NOT Values	No
Version 2 Element	E20_04	Is Nillable	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.08 (Facility City).

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

## eCad.97 - (eDisposition.05) Destination State

### Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E20_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

### Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

### Constraints

Data Type      length  
string            2

### Data Element Comment

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

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

## eCad.98 - (eDisposition.06) Destination County

## Definition

The destination county in 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_06	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

Data Type	length
string	5

## Data Element Comment

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

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

## eCad.99 - (eDisposition.07) Destination ZIP Code

## Definition

The destination ZIP code in 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_07	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

## Pattern

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

## Data Element Comment

May be auto-populated if list created in dFacility.10 (Facility ZIP Code).

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

## eCad.100 - (eDisposition.08) Destination Country

## Definition

The country of the destination.

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

## Constraints

**Data Type** string **length** 2

## Data Element Comment

May be auto-populated if list created in dFacility.12 (Facility Country).

ANSI Country Codes (ISO 3166) Website: [http://www.iso.org/iso/country\\_codes/iso\\_3166\\_code\\_lists.htm](http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm)

## Version 3 Changes Implemented

Added for improved international compatibility.

## eCad.101 - (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.13 (Facility GPS Location).

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

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

## eCad.102 - (eDisposition.10) Disposition Location US National Grid Coordinates

## Definition

The US National Grid Coordinates for the Disposition Location. This may be the Healthcare Facility US National Grid Coordinates.

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

## Constraints

## Pattern

[1][0-9][R,S,T,U][ABCDEFGHIJKLMNOPQRSTUVWXYZ][ABCDEFGHIJKLMNOPQRSTUVWXYZ][0-9]{8}

## Data Element Comment

Standard found at [www.fgdc.gov/usng](http://www.fgdc.gov/usng).

Through programming this may be partially auto-populated if the list is created in dFacility.14 (Facility US National Grid Coordinates).

## eCad.103 - (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	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## 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.

## eCad.104 - (eDisposition.16) EMS Transport Method

## Definition

Transport method by this EMS Unit.

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

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## 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.

## eCad.105 - (eDisposition.17) Transport Mode from Scene

## Definition

Indication whether the transport was emergent or non-emergent.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E20_14	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## 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.

## eCad.106 - (eDisposition.18) Additional Transport Mode Descriptors

## Definition

The documentation of transport mode techniques for this EMS response.

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

- |         |  |
|---------|--|
| 4218001 | Intersection Navigation-Against Normal Light Patterns            |
| 4218003 | Intersection Navigation-With Automated Light Changing Technology |
| 4218005 | Intersection Navigation-With Normal Light Patterns               |
| 4218007 | Speed-Enhanced per Local Policy                                  |
| 4218009 | Speed-Normal Traffic   |

## Data Element Comment

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

## eCad.107 - (eDisposition.21) Type of Destination

## Definition

The type of destination the patient was delivered or transferred to

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E20_17	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Code List

Code	Description
4221001	Home
4221003	Hospital-Emergency Department
4221005	Hospital-Non-Emergency Department Bed
4221007	Medical Office/Clinic
4221009	Morgue/Mortuary
4221011	Nursing Home/Assisted Living Facility
4221013	Other (Not Listed)
4221015	Other EMS Responder (air)
4221017	Other EMS Responder (ground)
4221019	Police/Jail

## Data Element Comment

Required if Patient Transported by EMS. ?Hospital-In Patient Bed? includes any location in the hospital except the Emergency Department. Choices include those in eDisposition.22 (Hospital In-Patient Destination).

## eCad.108 - (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	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

Cardiac Arrest     STEMI     Stroke     Trauma

## Code List

Code	Description
4224001	No
4224003	Yes-Adult Trauma
4224005	Yes-Cardiac Arrest
4224007	Yes-Obstetrics
4224009	Yes-Other
4224011	Yes-Pediatric Trauma
4224013	Yes-STEMI
4224015	Yes-Stroke

## Data Element Comment

## Version 3 Changes Implemented

Added to better document performance measure for acute time dependent illness and injury systems of care.

## eCad.109 - (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	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element		Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
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 performance measure for acute time dependent illness and injury systems of care.

## eCad.110 - (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.

## eCad.111 - (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

## Data Element Comment

## eCad.112 - (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

## Data Element Comment

## eCad.113 - (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

## Data Element Comment

## Version 3 Changes Implemented

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

## eCad.114 - (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 | Recommended |
| 9903007 | Optional    |

## Data Element Comment

Mandatory = Must be completed and will not accept null values

Required = Must be completed but will accept null values

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.

## eCad.115 - (eCustomConfiguration.06) Custom Data Element Potential Values

## Definition

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

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

## Constraints

Data Type	minLength	maxLength
string	1	100

## Data Element Comment

## Version 3 Changes Implemented

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

## eCad.116 - (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** string      **minLength** 1      **maxLength** 100000

## Data Element Comment

## Version 3 Changes Implemented

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

## eCad.117 - (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

## Data Element Comment

## eCad.118 - (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

## Data Element Comment

# eMedDevice

**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

**eMedDevice**

1 : 1	eMedDevice.01 - (dAgency.01) EMS Agency Unique State ID	N S M
0 : 1	eMedDevice.02 - (dAgency.02) EMS Agency Number	O
0 : 1	eMedDevice.03 - (dAgency.03) EMS Agency Name	O
0 : 1	eMedDevice.04 - (dAgency.04) EMS Agency State	O
0 : 1	eMedDevice.05 - (dDevice.01) Medical Device Serial Number	O
0 : 1	eMedDevice.06 - (dDevice.02) Medical Device Name or ID	O
0 : M	eMedDevice.07 - (dDevice.03) Medical Device Type	O C
0 : 1	eMedDevice.08 - (dDevice.04) Medical Device Manufacturer	O
0 : 1	eMedDevice.09 - (dDevice.05) Medical Device Model Number	O
1 : 1	eMedDevice.10 - (eRecord.01) Patient Care Report Number	N S M
0 : 1	<b>eMedDevice.PatientNameGroup</b>	
0 : 1	eMedDevice.11 - (ePatient.02) Last Name	O
0 : 1	eMedDevice.12 - (ePatient.03) First Name	O
0 : 1	eMedDevice.13 - (ePatient.04) Middle Initial/Name	O
0 : 1	eMedDevice.14 - (ePatient.13) Gender	O
0 : M	eMedDevice.15 - (ePatient.14) Race	O C
0 : 1	<b>eMedDevice.PatientAgeGroup</b>	
0 : 1	eMedDevice.16 - (ePatient.15) Age	O
0 : 1	eMedDevice.17 - (ePatient.16) Age Units	O
0 : 1	eMedDevice.18 - (ePatient.17) Date of Birth	O
0 : M	<b>eMedDevice.VitalsGroup</b>	
0 : 1	eMedDevice.19 - (eVitals.01) Date/Time Vital Signs Taken	O
0 : 1	<b>eMedDevice.CardiacRhythmGroup</b>	
0 : M	eMedDevice.20 - (eVitals.03) Cardiac Rhythm / Electrocardiography (ECG)	O C
0 : 1	eMedDevice.21 - (eVitals.04) ECG Type	O
0 : M	eMedDevice.22 - (eVitals.05) Method of ECG Interpretation	O C
0 : 1	<b>eMedDevice.BloodPressureGroup</b>	
0 : 1	eMedDevice.23 - (eVitals.06) SBP (Systolic Blood Pressure)	O
0 : 1	eMedDevice.24 - (eVitals.07) DBP (Diastolic Blood Pressure)	O
0 : 1	eMedDevice.25 - (eVitals.08) Method of Blood Pressure Measurement	O
0 : 1	<b>eMedDevice.HeartRateGroup</b>	
0 : 1	eMedDevice.26 - (eVitals.09) Mean Arterial Pressure	O

	0 : 1	eMedDevice.27 - (eVitals.10) Heart Rate	<input type="checkbox"/>
	0 : 1	eMedDevice.28 - (eVitals.11) Method of Heart Rate Measurement	<input type="checkbox"/>
0 : 1		eMedDevice.29 - (eVitals.12) Pulse Oximetry	<input type="checkbox"/>
0 : 1		eMedDevice.30 - (eVitals.14) Respiratory Rate	<input type="checkbox"/>
0 : 1		eMedDevice.31 - (eVitals.16) Carbon Dioxide (CO2)	<input type="checkbox"/>
0 : 1		eMedDevice.32 - (eVitals.17) Carbon Monoxide (CO)	<input type="checkbox"/>
0 : 1		eMedDevice.33 - (eVitals.18) Blood Glucose Level	<input type="checkbox"/>
0 : 1		<b>eMedDevice.BodyTempuratureGroup</b>	
	0 : 1	eMedDevice.34 - (eVitals.24) Temperature	<input type="checkbox"/>
	0 : 1	eMedDevice.35 - (eVitals.25) Temperature Method	<input type="checkbox"/>
0 : M		<b>eMedDevice.LabsGroup</b>	<input checked="" type="checkbox"/>
	0 : 1	eMedDevice.36 - (eLabs.01) Date/Time of Laboratory or Imaging Result	<input type="checkbox"/>
	0 : 1	<b>eMedDevice.LabResultGroup</b>	
	0 : 1	eMedDevice.37 - (eLabs.03) Laboratory Result Type	<input type="checkbox"/>
	0 : 1	eMedDevice.38 - (eLabs.04) Laboratory Result	<input type="checkbox"/>
0 : 1		<b>eMedDevice.LabImageGroup</b>	
	0 : 1	eMedDevice.39 - (eLabs.05) Imaging Study Type	<input type="checkbox"/>
	0 : 1	eMedDevice.40 - (eLabs.06) Imaging Study Results	<input type="checkbox"/>
0 : 1		<b>eMedDevice.WaveFormGraphicGroup</b>	
	0 : 1	eMedDevice.41 - (eLabs.07) Imaging Study File or Waveform Graphic Type	<input type="checkbox"/>
	0 : 1	eMedDevice.42 - (eLabs.08) Imaging Study File or Waveform Graphic	<input type="checkbox"/>
0 : 1		<b>eMedDevice.DeviceGroup</b>	
	0 : 1	eMedDevice.43 - (eDevice.01) Medical Device Serial Number	<input type="checkbox"/>
	0 : 1	eMedDevice.44 - (eDevice.02) Date/Time of Event (per Medical Device)	<input type="checkbox"/>
0 : M		eMedDevice.45 - (eDevice.03) Medical Device Event Type	<input type="checkbox"/> <input checked="" type="checkbox"/>
	0 : 1	<b>eMedDevice.WaveGroup</b>	
	0 : 1	eMedDevice.46 - (eDevice.04) Medical Device Waveform Graphic Type	<input type="checkbox"/>
	0 : 1	eMedDevice.47 - (eDevice.05) Medical Device Waveform Graphic	<input type="checkbox"/>
	0 : 1	eMedDevice.48 - (eDevice.06) Medical Device Mode (Manual, AED, Pacing, CO2, O2, etc)	<input type="checkbox"/>
0 : M		eMedDevice.49 - (eDevice.07) Medical Device ECG Lead	<input type="checkbox"/> <input checked="" type="checkbox"/>
	0 : 1	eMedDevice.50 - (eDevice.08) Medical Device ECG Interpretation	<input type="checkbox"/>
0 : 1		<b>eMedDevice.ShockGroup</b>	
	0 : 1	eMedDevice.51 - (eDevice.09) Type of Shock	<input type="checkbox"/>
	0 : 1	eMedDevice.52 - (eDevice.10) Shock or Pacing Energy	<input type="checkbox"/>
	0 : 1	eMedDevice.53 - (eDevice.11) Total Number of Shocks Delivered	<input type="checkbox"/>
	0 : 1	eMedDevice.54 - (eDevice.12) Pacing Rate	<input type="checkbox"/>

0 : 1	eMedDevice.CustomGroup	
0 : M	eMedDevice.eCustomConfiguration.CustomGroup	C
0 : 1	eMedDevice.55 - (eCustomConfiguration.01) Custom Data Element Title	O
0 : 1	eMedDevice.56 - (eCustomConfiguration.02) Custom Definition	O
0 : 1	eMedDevice.57 - (eCustomConfiguration.03) Custom Data Type	O
0 : 1	eMedDevice.58 - (eCustomConfiguration.04) Custom Data Element Recurrence	O
0 : 1	eMedDevice.59 - (eCustomConfiguration.05) Custom Data Element Usage	O
0 : M	eMedDevice.60 - (eCustomConfiguration.06) Custom Data Element Potential Values	O
0 : 1	eMedDevice.61 - (eCustomResults.01) Custom Data Element Result	O
0 : 1	eMedDevice.62 - (eCustomResults.02) Custom Data Element Reference	O
0 : 1	eMedDevice.63 - (eCustomResults.03) Custom Correlation ID	O

## eMedDevice

**State****National****eMedDevice.01 - (dAgency.01) EMS Agency Unique State ID****Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
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.

## eMedDevice.02 - (dAgency.02) EMS Agency Number

## Definition

The state-assigned provider number of the responding agency

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D01_01	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

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).

## eMedDevice.03 - (dAgency.03) EMS Agency Name

## Definition

The formal name of the agency.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D01_02	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	2	100

## Data Element Comment

## eMedDevice.04 - (dAgency.04) EMS Agency State

## Definition

The state/territory which assigned the EMS agency number.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D01_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

Data Type      length  
string      2

## Data Element Comment

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

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download\\_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

## eMedDevice.05 - (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

## Data Element Comment

## eMedDevice.06 - (dDevice.02) Medical Device Name or ID

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D09_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	2	50

## Data Element Comment

## eMedDevice.07 - (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.

## eMedDevice.08 - (dDevice.04) Medical Device Manufacturer

## Definition

The manufacturer of the medical device.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D09_03	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	2	50

## Data Element Comment

## eMedDevice.09 - (dDevice.05) Medical Device Model Number

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D09_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	2	50

## Data Element Comment

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

## eMedDevice.10 - (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

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	3	32

### Data Element Comment

## eMedDevice.11 - (ePatient.02) Last Name

## Definition

The patient's last (family) name

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_01	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

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

## eMedDevice.12 - (ePatient.03) First Name

## Definition

The patient's first (given) name

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_02	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

Data Type	minLength	maxLength
string	1	50

## Data Element Comment

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

## eMedDevice.13 - (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	50

## Data Element Comment

## eMedDevice.14 - (ePatient.13) Gender

## Definition

The Patient's Gender

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Code List

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

## Data Element Comment

## eMedDevice.15 - (ePatient.14) Race

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_12	Is Nillable	No
Usage	Optional	Recurrence	0 : 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

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

## Data Element Comment

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

Ethnicity (Version 2.2.1: E06\_13) has been merged with this data element and retired.

## eMedDevice.16 - (ePatient.15) Age

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_14	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Constraints

Data Type	minValue	maxValue
integer	1	120

## Data Element Comment

## eMedDevice.17 - (ePatient.16) Age Units

## Definition

The unit used to define the patient's age

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E06_15	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      Response      STEMI      Stroke      Trauma

## Code List

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

## Data Element Comment

## eMedDevice.18 - (ePatient.17) Date of Birth

## Definition

The patient's date of birth

National Element	No	Pertinent Negatives (PN)	No
State Element	No	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

## Data Element Comment

## eMedDevice.19 - (eVitals.01) Date/Time Vital Signs Taken

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_01	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      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

## eMedDevice.20 - (eVitals.03) Cardiac Rhythm / Electrocardiography (ECG)

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_03	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Associated Performance Measure Initiatives

Cardiac Arrest     STEMI

## Attributes

## 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

## eMedDevice.21 - (eVitals.04) ECG Type

### Definition

The type of ECG associated with the cardiac rhythm.

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

STEMI

### Code List

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

### Data Element Comment

### Version 3 Changes Implemented

Added to better document ECG results.

## eMedDevice.22 - (eVitals.05) Method of ECG Interpretation

## Definition

The method of ECG interpretation.

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

## Associated Performance Measure Initiatives

STEMI

## Attributes

## 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.

## eMedDevice.23 - (eVitals.06) SBP (Systolic Blood Pressure)

## Definition

The patient's systolic blood pressure.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      STEMI      Stroke      Trauma

## Constraints

Data Type	minValue	maxValue
integer	0	500

## Data Element Comment

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

## eMedDevice.24 - (eVitals.07) DBP (Diastolic Blood Pressure)

## Definition

The patient's diastolic blood pressure.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_05	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## 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

## eMedDevice.25 - (eVitals.08) Method of Blood Pressure Measurement

## Definition

Indication of method of blood pressure measurement.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_06	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Code List

**Code      Description**

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

## Data Element Comment

## eMedDevice.26 - (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

## Data Element Comment

## Version 3 Changes Implemented

Added for additional patient monitoring capability.

## eMedDevice.27 - (eVitals.10) Heart Rate

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_07	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      STEMI      Stroke      Trauma

## 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.

## eMedDevice.28 - (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.

## eMedDevice.29 - (eVitals.12) Pulse Oximetry

## Definition

The patient's oxygen saturation.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_09	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      STEMI      Stroke      Trauma

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
integer	0	100

## Data Element Comment

## eMedDevice.30 - (eVitals.14) Respiratory Rate

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      STEMI      Stroke      Trauma

## Constraints

<b>Data Type</b>	<b>minValue</b>	<b>maxValue</b>
integer	0	300

## Data Element Comment

## eMedDevice.31 - (eVitals.16) Carbon Dioxide (CO2)

## Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_13	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      Pediatric      STEMI      Stroke      Trauma

## Constraints

Data Type	minValue	maxValue
integer	0	100

## Data Element Comment

## eMedDevice.32 - (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** integer      **minValue** 0      **maxValue** 100

## Data Element Comment

## Version 3 Changes Implemented

Added to allow use of a new patient monitoring device

## eMedDevice.33 - (eVitals.18) Blood Glucose Level

## Definition

The patient's blood glucose level.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_14	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Pediatric      Stroke

## Constraints

Data Type	minValue	maxValue
integer	0	2000

## Data Element Comment

## eMedDevice.34 - (eVitals.24) Temperature

## Definition

The patient's body temperature in degrees Celsius/centigrade.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E14_20	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Pediatric

## Constraints

Data Type	totalDigits	minValue	maxValue	fractionDigits
decimal	3	0	50.0	1

## Data Element Comment

## eMedDevice.35 - (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             |

## Data Element Comment

## eMedDevice.36 - (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.

## eMedDevice.37 - (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

#### Data Element Comment

#### Version 3 Changes Implemented

Added to provide for the documentation of laboratory results obtained prior to or during an EMS patient encounter.

## eMedDevice.38 - (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

## Data Element Comment

## Version 3 Changes Implemented

Added to better document EMS care.

## eMedDevice.39 - (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                            |

## Data Element Comment

## Version 3 Changes Implemented

Added to better describe the EMS patient care.

## eMedDevice.40 - (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

## Data Element Comment

## Version 3 Changes Implemented

Added to better describe the EMS Patient Care

## eMedDevice.41 - (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.

## eMedDevice.42 - (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.

## eMedDevice.43 - (eDevice.01) Medical Device Serial Number

## Definition

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

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

## Constraints

Data Type	minLength	maxLength
string	2	50

## Data Element Comment

## eMedDevice.44 - (eDevice.02) Date/Time of Event (per Medical Device)

## Definition

The time of the event recorded by the device's internal clock

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_01	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      STEMI

## Constraints

Data Type	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

## eMedDevice.45 - (eDevice.03) Medical Device Event Type

## Definition

The type of event documented by the medical device.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_02	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      STEMI

## Attributes

## 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.

## eMedDevice.46 - (eDevice.04) Medical Device 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

## Data Element Comment

## eMedDevice.47 - (eDevice.05) Medical Device Waveform Graphic

## Definition

The graphic waveform file.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_04	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      STEMI

## Constraints

## Data Type

base64Binary

## Data Element Comment

## eMedDevice.48 - (eDevice.06) Medical Device Mode (Manual, AED, Pacing, CO2, O2, etc)

## Definition

The mode of operation the device is operating in during the defibrillation, pacing, or rhythm analysis by the device (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_05	Is Nullable	No
Usage	Optional	Recurrence	0 : 1

## Code List

## Code      Description

- |         |             |
|---------|-------------|
| 4106001 | Advisory    |
| 4106003 | Automated   |
| 4106005 | Demand      |
| 4106007 | Manual      |
| 4106009 | Mid-Stream  |
| 4106011 | Sensing     |
| 4106013 | Side-Stream |

## Data Element Comment

## eMedDevice.49 - (eDevice.07) Medical Device ECG Lead

## Definition

The lead or source which the medical device used to obtain the rhythm (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_06	Is Nillable	No
Usage	Optional	Recurrence	0 : M

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      STEMI

## Attributes

## 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
4107013	Pads
4107015	V1
4107017	V2
4107019	V3
4107019	V3r
4107021	V4
4107021	V4r
4107023	V5
4107023	V5r
4107025	V6
4107025	V6r
4107025	V7
4107025	V8
4107025	V9

## Data Element Comment

Can be displayed in the Vital Signs or Procedure Sections.

## eMedDevice.50 - (eDevice.08) Medical Device ECG Interpretation

## Definition

The interpretation of the rhythm by the device (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_07	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Airway      Cardiac Arrest      STEMI

## Constraints

Data Type	minLength	maxLength
string	1	2000

## Data Element Comment

The rhythm interpretation text imported from the device.

## eMedDevice.51 - (eDevice.09) Type of Shock

## Definition

The type of shock used by the device for the defibrillation (if appropriate for the event)

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_08	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Associated Performance Measure Initiatives

Cardiac Arrest

## Code List

Code	Description
4109001	Biphasic
4109003	Monophasic

## Data Element Comment

## eMedDevice.52 - (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

## Data Element Comment

## eMedDevice.53 - (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

## Data Element Comment

## eMedDevice.54 - (eDevice.12) Pacing Rate

## Definition

The rate the device was calibrated to pace during the event, if appropriate.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E21_11	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

## Constraints

**Data Type** integer      **minValue** 1      **maxValue** 1000

## Data Element Comment

## eMedDevice.55 - (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 Nillable	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.

## eMedDevice.56 - (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

<b>Data Type</b> string	<b>minLength</b> 0	<b>maxLength</b> 255
----------------------------	-----------------------	-------------------------

## Data Element Comment

## eMedDevice.57 - (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

## Data Element Comment

## eMedDevice.58 - (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

## Data Element Comment

## Version 3 Changes Implemented

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

## eMedDevice.59 - (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	Recommended
9903007	Optional

## Data Element Comment

Mandatory = Must be completed and will not accept null values

Required = Must be completed but will accept null values

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.

## eMedDevice.60 - (eCustomConfiguration.06) Custom Data Element Potential Values

## Definition

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

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

## Constraints

<b>Data Type</b>	<b>minLength</b>	<b>maxLength</b>
string	1	100

## Data Element Comment

## Version 3 Changes Implemented

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

## eMedDevice.61 - (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** string      **minLength** 1      **maxLength** 100000

## Data Element Comment

## Version 3 Changes Implemented

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

## eMedDevice.62 - (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

## Data Element Comment

## eMedDevice.63 - (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

## Data Element Comment

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