

# **NEMESIS**

## **Data Dictionary**

**NHTSA v3.4.0**  
**Build 200910**

# **EMS Data Standard**

**National Elements Only**

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

# NEMSIS Data Dictionary Version 3.4.0

## NEMSIS Overview and Summary

The NEMSIS data dictionary was developed through a collaborative effort with the EMS industry, including web-based reviews, public comment periods, focus groups, industry dialogue, topic-focused projects, and consensus. The National EMS Information System Version 3 represents a major revision from Version 2 released in 2005. Adopting a broad perspective, the initiative to move to a 3rd version of the NEMSIS data dictionary was fueled by the need to improve data quality, enhance our ability to assess EMS performance, augment the flexibility of the standard for state adoption and, to move the NEMSIS standard into the Health Level 7 (HL7) organization for approval as an American National Standards Institute (ANSI) standard.

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

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

### NEMSIS Version 3 Element Configuration

Total Elements including the Custom Elements: 585

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

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

# NEMSIS Version 3.4.0 Data Dictionary Content

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

## Data Element Number (1)

- The NEMSIS Version 3 element numbering system has been revised to improve the information 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).

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

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

## Data Element Name (3)

- The name of the data element.

## Data Element Definition (4)

- The definition of the data element.

## Version 2 Number (7)

- The NEMSIS Version 2.2.1 Data Element Number.
- If the Data Element is new to Version 3.4.0, the Version 2 Number will be blank.

## Data Structure Information

- Recurrence (12)
  - An 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, not completed, or not collected by the state.
  - NOT Values are documented as an attribute of an element. It allows the documentation of NOT value when the real value is not documented.
  - *Please reference the NEMSIS White Paper describing the use of NOT Values, Pertinent Negatives, and Null:*  
[https://nemsis.org/media/nemsis\\_v3/master/UsageGuides/NEMSIS\\_V3\\_1\\_EMSSDataSet\\_Pertin](https://nemsis.org/media/nemsis_v3/master/UsageGuides/NEMSIS_V3_1_EMSSDataSet_Pertin)
- 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.



- 8801025 - Not Immunized
  - 8801027 - Order Criteria Not Met
  - 8801029 - Approximate
  - 8801031 - Symptom Not Present
- NV (Not Value)
  - 7701001 - Not Applicable
  - 7701003 - Not Recorded
  - 7701005 - Not Reporting
- Nillable xsi:nil="true"
- Code Type
  - 9924001 = ICD-10
  - 9924003 = RxNorm
  - 9924005 = SNOMED-CT
- CorrelationID
  - Data Type = String
  - minLength = 0
  - maxLength = 255
- DistanceUnit
  - 9921001 - Kilometers
  - 9921003 - Miles
- EmailAddressType
  - 9904001 - Personal
  - 9904003 - Work
- nemsisCode
  - Data Type = String
- nemsisElement
  - Data Type = String
- nemsisValueDescription
  - Data Type = String
- PhoneNumberType
  - 9913001 - Fax
  - 9913003 - Home
  - 9913005 - Mobile
  - 9913007 - Pager
  - 9913009 - Work
- ProcedureGroupCorrelationID
  - Data Type = CorrelationID
- StreetAddress2
  - Data Type = String
  - minLength = 1
  - maxLength = 255
- TimeStamp
  - Data Type = DateTime
  - minValue = 1950-01-01T00:00:00-00:00
  - maxValue = 2050-01-01T00:00:00-00:00

- **UUID**
  - UUIDs must be generated using the IETF RFC 4122 standard.
  - RFC 4122 defines four algorithms for UUID generation, any of these four can be used.
  - UUIDs must be represented in canonical form, matching the following regular expression:  
[a-fA-F0-9]{8}-[a-fA-F0-9]{4}-[1-5][a-fA-F0-9]{3}-[89abAB][a-fA-F0-9]{3}-[a-fA-F0-9]{12}
- **VelocityUnit**
  - 9921001 - Kilometers per Hour
  - 9921003 - Miles per Hour

### **Code List (16)**

- A list of values associated with the data element. Not all data elements have predefined value sets.
- Codes for each value:
  - The codes are based on a 7-digit number, in a 2-2-3 pattern (without dashes).
    - The first set of two numbers represent the data section.
    - The second set of two numbers represent the element number.
    - The last set is a 3-digit number for each value beginning at 001; The codes increase in increments of two (2).
  - Codes are typically sequential (by two) and alphabetical. Some ordering is provided in an effort to present information based on workflow.
  - Several values and codes reference external standards such as ICD-10, RxNorm, SNOMED, etc. NEMSIS will assist in providing a recommended list of EMS specific values and codes from these larger standards for most elements using these external standards.

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

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

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

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

### **Element Deprecated(19)**

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

### **Associated Validation Rules (20)**

- A list of national Schematron validation rules associated with the element. Additional validation rules may be implemented at the state or local level.

3 eExample.01 - Example Element Name

4 Definition

The definition of the element.

5 National Element	Yes	Pertinent Negatives (PN)	Yes	9
6 State Element	Yes	NOT Values	Yes	10
7 Version 2 Element	E00_01	Is Nillable	Yes	11
8 Usage	Required	Recurrence	1 : 1	12

13 Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

14 Attributes

<b>NOT Values (NV)</b>		
7701001 - Not Applicable	7701003 - Not Recorded	7701005 - Not Reporting
<b>Pertinent Negatives (PN)</b>		
8801001 - Contraindication Noted	8801003 - Denied By Order	8801005 - Exam Finding Not Present
8801007 - Medication Allergy	8801009 - Medication Already Taken	8801013 - No Known Drug Allergy
8801015 - None Reported	8801017 - Not Performed by EMS	8801019 - Refused
8801021 - Unresponsive	8801023 - Unable to Complete	8801025 - Not Immunized
8801027 - Order Criteria Not Met	8801029 - Approximate	8801031 - Symptom Not Present
<b>Code Type</b>		
9924001 - ICD-10	9924003 - RxNorm	9924005 - SNOMED-CT
<b>CorrelationID</b>		
<b>Data Type:</b> String	<b>minLength:</b> 0	<b>maxLength:</b> 255
<b>nemsisCode</b>		
<b>Data Type:</b> String	<b>whiteSpace:</b> preserve	
<b>nemsisElement</b>		
<b>Data Type:</b> String	<b>whiteSpace:</b> preserve	
<b>customValueDescription</b>		
<b>Data Type:</b> String	<b>whiteSpace:</b> preserve	
<b>StreetAddress2</b>		
<b>Data Type:</b> String	<b>minLength:</b> 1	<b>maxLength:</b> 255
<b>DistanceUnit</b>		
9929001 - Kilometers	9929003 - Miles	
<b>EmailAddressType</b>		
9904001 - Personal	9904003 - Work	
<b>PhoneNumberType</b>		
9913001 - Fax	9913003 - Home	9913005 - Mobile
9913007 - Pager	9913009 - Work	
<b>VelocityUnit</b>		
9921001 - Kilometers per Hour	9921003 - Miles per Hour	

15 Constraints

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
dateTime	1950-01-01T00:00:00-00:00	2050-01-01T00:00:00-00:00
<b>Pattern</b>		
[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

<b>Code</b>	<b>Description</b>
SSEE001	Value A
SSEE003	Value B
SSEE005	Value C
SSEE007	Value D
SSEE009	Value E

SSEE009 Value E  
SSEE011 Value F

- 17 Data Element Comment  
The data element comment.
- 18 Version 3 Changes Implemented  
Any V3 change comments
- 19 Deprecated Comments  
Any deprecation comments
- 20 Associated Validation Rules

Rule ID	Level	Message
nemSch_e001	Error	When Example Element Name is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
nemSch_e136	Warning	Example Element Name should be recorded, unless Other Element Name is "Yes".



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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, C = Correlation ID, and/or U = UUID

## DEMDataSet

1 : M	DemographicReport
1 : 1	dAgency
1 : 1	dConfiguration

## DEMDataSet

# EMSDataset



<b>Legend</b>	Dataset Level: <span style="background-color: red; color: white;">N</span> National <span style="background-color: yellow;">S</span> State
	Usage: <span style="background-color: gray;">M</span> = Mandatory , R = Required , E = Recommended , or O = Optional
	Attributes: <span style="background-color: yellow;">N</span> = Not Values, P = Pertinent Negatives , L = Nillable, C = Correlation ID, and/or U = UUID

## EMSDataset

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

## EMSDataset

# dAgency

## Legend

Dataset Level: N National S State D Deprecated

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

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

## dAgency

1 : 1	dAgency.01 - EMS Agency Unique State ID	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : 1	dAgency.02 - EMS Agency Number	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : 1	dAgency.04 - EMS Agency State	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dAgency.AgencyServiceGroup			
1 : 1	dAgency.05 - EMS Agency Service Area States	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dAgency.06 - EMS Agency Service Area County(ies)	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dAgency.07 - EMS Agency Census Tracts	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	dAgency.08 - EMS Agency Service Area ZIP Codes	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	dAgency.09 - Primary Type of Service	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : 1	dAgency.11 - Level of Service	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : 1	dAgency.12 - Organization Status	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : 1	dAgency.13 - Organizational Type	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : 1	dAgency.14 - EMS Agency Organizational Tax Status	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dAgency.AgencyYearGroup			
1 : 1	dAgency.15 - Statistical Calendar Year	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : 1	dAgency.16 - Total Primary Service Area Size	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	dAgency.17 - Total Service Area Population	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	dAgency.18 - 911 EMS Call Center Volume per Year	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	dAgency.19 - EMS Dispatch Volume per Year	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	dAgency.20 - EMS Patient Transport Volume per Year	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	dAgency.21 - EMS Patient Contact Volume per Year	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	dAgency.25 - National Provider Identifier	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	dAgency.26 - Fire Department ID Number	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>

## dAgency

**dAgency.01 - EMS Agency Unique State ID**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

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

**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 of an EMS Agency to have a different number for each service type or location (based on state implementation). The EMS Agency Number in dAgency.02 can be used to auto-populate eResponse.01 EMS Agency Number in the EMS Event section.

**dAgency.04 - EMS Agency State**

**Definition**

The state/territory which assigned the EMS agency number.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

**Pattern**  
[0-9]{2}

**Data Element Comment**

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

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

**dAgency.05 - EMS Agency Service Area States**

**Definition**

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

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

**Constraints**

**Pattern**  
[0-9]{2}

**Data Element Comment**

Each state is captured as a group where the EMS agency provides service. The group includes dAgency.05, dAgency.06, dAgency.07, and Agency.08.

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

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

**Associated Validation Rules**

Rule ID	Level	Message
â!_dAgency.05	Error	EMS Agency Service Area County(ies) should belong to the state with which it is grouped.
â!_dAgency.06	Warning	EMS Agency Census Tracts should belong to a county recorded in EMS Agency Service Area County(ies) in the state with which it is grouped.

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

**Pattern**  
[0-9]{5}

**Data Element Comment**

Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state. County codes are based on ISO/ANSI codes. It is a 5-digit code based on state (2-digit) and county (3-digit).

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

**Associated Validation Rules**

Rule ID	Level	Message
â!_dAgency.05	Error	EMS Agency Service Area County(ies) should belong to the state with which it is grouped.
â!_dAgency.06	Warning	EMS Agency Census Tracts should belong to a county recorded in EMS Agency Service Area County(ies) in the state with which it is grouped.



**dAgency.07 - EMS Agency Census Tracts**

**Definition**

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

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**  
 [0-9]{11}

**Data Element Comment**

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

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

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

Census Tract Data Website (files and descriptions):  
<https://www.census.gov/geographies/reference-maps/2010/geo/2010-census-tract-maps.html>

**Associated Validation Rules**

Rule ID	Level	Message
âi_dAgency.06	Warning	EMS Agency Census Tracts should belong to a county recorded in EMS Agency Service Area County(ies) in the state with which it is grouped.
âiNvPn_Nil_Nv	Error	When EMS Agency Census Tracts is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When EMS Agency Census Tracts has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âivPn_Nv_only	Warning	When EMS Agency Census Tracts has a Not Value, no other value should be recorded.

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

**Data Element Comment**

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When EMS Agency Service Area ZIP Codes is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When EMS Agency Service Area ZIP Codes has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âiNvPn_Nv_only	Warning	When EMS Agency Service Area ZIP Codes has a Not Value, no other value should be recorded.

State

National

**dAgency.09 - Primary Type of Service**

**Definition**

The primary service type provided by the agency.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
9920001	911 Response (Scene) with Transport Capability
9920003	911 Response (Scene) without Transport Capability
9920005	Air Medical
9920007	ALS Intercept
9920011	Hazmat
9920013	Medical Transport (Convalescent, Interfacility Transfer Hospital and Nursing Home)
9920015	Rescue
9920017	Community Paramedicine
9920019	Critical Care (Ground)

**Data Element Comment**

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

**dAgency.11 - Level of Service**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
9917001	2009 Advanced Emergency Medical Technician (AEMT)
9917003	2009 Emergency Medical Responder (EMR)
9917005	2009 Emergency Medical Technician (EMT)
9917007	2009 Paramedic
9917009	First Responder
9917011	EMT-Basic
9917013	EMT-Intermediate
9917015	EMT-Paramedic
9917019	Physician
9917021	Critical Care Paramedic
9917023	Community Paramedicine
9917025	Nurse Practitioner
9917027	Physician Assistant
9917029	Licensed Practical Nurse (LPN)
9917031	Registered Nurse

**Data Element Comment**

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

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

**dAgency.12 - Organization Status**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
1016001	Mixed
1016003	Non-Volunteer
1016005	Volunteer

**Data Element Comment**

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

**dAgency.13 - Organizational Type**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â\ncy.26_fire	Warning	Fire Department ID Number should be recorded when Organizational Type is "Fire Department".
â\i.26_nonfire	Warning	Fire Department ID Number should only be recorded when Organizational Type is "Fire Department".

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

**Data Element Comment**

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

**dAgency.15 - Statistical Calendar Year**

**Definition**

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

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

**Constraints**

Data Type	minInclusive	maxInclusive
integer	1900	2050

**Data Element Comment**

Added Calendar Year to the definition to remove confusion noted in draft comments. Will allow multiple entries 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.

**Associated Validation Rules**

Rule ID	Level	Message
â\ncy.15_past	Warning	Statistical Calendar Year should be in the past.
â\ndAgency.15	Warning	Agency statistics for a particular Statistical Calendar Year should only be recorded once.



**dAgency.16 - Total Primary Service Area Size**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
positiveInteger	1	4,000,000

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Total Primary Service Area Size is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Total Primary Service Area Size has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**dAgency.17 - Total Service Area Population**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
positiveInteger	1	4,000,000

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Total Service Area Population is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Total Service Area Population has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

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

**Definition**

The number of 911 calls received by the call center during the last calendar year.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
positiveInteger	1	4,000,000

**Data Element Comment**

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

**Version 3 Changes Implemented**

Name Clarified with "Call Center"

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	<b>Error</b>	When 911 EMS Call Center Volume per Year is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	<b>Error</b>	When 911 EMS Call Center Volume per Year has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**dAgency.19 - EMS Dispatch Volume per Year**

**Definition**

The number of EMS dispatches during the last calendar year.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
positiveInteger	1	4,000,000

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When EMS Dispatch Volume per Year is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When EMS Dispatch Volume per Year has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
positiveInteger	1	4,000,000

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When EMS Patient Transport Volume per Year is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When EMS Patient Transport Volume per Year has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
positiveInteger	1	4,000,000

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When EMS Patient Contact Volume per Year is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When EMS Patient Contact Volume per Year has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**dAgency.25 - National Provider Identifier**

**Definition**

The National Provider Identifier issued by CMS.

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	length
string	10

**Data Element Comment**

Only EMS Agencies billing for service will have an NPI (National Provider Identifier) number.

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When National Provider Identifier is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When National Provider Identifier has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âivPn_Nv_only	Warning	When National Provider Identifier has a Not Value, no other value should be recorded.

**dAgency.26 - Fire Department ID Number**

**Definition**

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

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minLength	maxLength
string	1	20

**Data Element Comment**

Fire Department ID was added to better integrate Fire Department EMS Agencies and linkage to other EMS related data systems such as NFIRS (National Fire Incident Reporting System) .

**Version 3 Changes Implemented**

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

**Associated Validation Rules**

Rule ID	Level	Message
â'ncy.26_fire	Warning	Fire Department ID Number should be recorded when Organizational Type is "Fire Department".
â'i.26_nonfire	Warning	Fire Department ID Number should only be recorded when Organizational Type is "Fire Department".
â'iNvPn_Nil_Nv	Error	When Fire Department ID Number is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â'iNvPn_Nv_Nil	Error	When Fire Department ID Number has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â'vPn_Nv_only	Warning	When Fire Department ID Number has a Not Value, no other value should be recorded.



# dConfiguration

## Legend

Dataset Level: N National S State D Deprecated

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

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

## dConfiguration

1 : M	dConfiguration.ConfigurationGroup			
1 : 1	dConfiguration.01 - State Associated with the Certification/Licensure Levels	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dConfiguration.02 - State Certification/Licensure Levels	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dConfiguration.03 - Procedures Permitted by the State	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	dConfiguration.04 - Medications Permitted by the State	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	dConfiguration.05 - Protocols Permitted by the State	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	dConfiguration.ProcedureGroup			
1 : 1	dConfiguration.06 - EMS Certification Levels Permitted to Perform Each Procedure	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dConfiguration.07 - EMS Agency Procedures	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dConfiguration.MedicationGroup			
1 : 1	dConfiguration.08 - EMS Certification Levels Permitted to Administer Each Medication	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dConfiguration.09 - EMS Agency Medications	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dConfiguration.10 - EMS Agency Protocols	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dConfiguration.11 - EMS Agency Specialty Service Capability	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : 1	dConfiguration.13 - Emergency Medical Dispatch (EMD) Provided to EMS Agency Service Area	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dConfiguration.15 - Patient Monitoring Capability(ies)	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : M	dConfiguration.16 - Crew Call Sign	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>

## dConfiguration

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

**Definition**

The state associated with the state certification/licensure levels.

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

**Constraints**

**Pattern**  
[0-9]{2}

**Data Element Comment**

Associated with the state (dAgency.04 - 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.

**dConfiguration.02 - State Certification/Licensure Levels**

**Definition**

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

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

**Code List**

Code	Description
9911001	2009 Advanced Emergency Medical Technician (AEMT)
9911003	2009 Emergency Medical Responder (EMR)
9911005	2009 Emergency Medical Technician (EMT)
9911007	2009 Paramedic
9911009	EMT-Basic
9911011	EMT-Intermediate
9911013	EMT-Paramedic
9911015	First Responder
9911019	Other
9911021	Physician
9911023	Critical Care Paramedic
9911025	Community Paramedicine
9911027	Nurse Practitioner
9911029	Physician Assistant
9911031	Licensed Practical Nurse (LPN)
9911033	Registered Nurse

**Data Element Comment**

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

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

**dConfiguration.03 - Procedures Permitted by the State**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	maxInclusive	minInclusive
integer	999999999999999	100000

**Data Element Comment**

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

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

Code list is represented in SNOMEDCT: Reference the NEMESIS Suggested Lists at:  
<https://nemsis.org/technical-resources/version-3/version-3-resources/>

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.

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Procedures Permitted by the State is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Procedures Permitted by the State has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âiNvPn_Nv_only	Warning	When Procedures Permitted by the State has a Not Value, no other value should be recorded.

**dConfiguration.04 - Medications Permitted by the State**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minLength	maxLength
string	2	7

**Data Element Comment**

This data element should capture all of the medications permitted by the state for any/all levels of EMS personnel in the state. This should be stored as an RxNorm (RXCU) 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 (RXCU) code.

Reference the NEMESIS Suggested Lists at: <https://nemsis.org/technical-resources/version-3/version-3-resources/>

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

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When Medications Permitted by the State is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Medications Permitted by the State has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!vPn_Nv_only	Warning	When Medications Permitted by the State has a Not Value, no other value should be recorded.

**dConfiguration.05 - Protocols Permitted by the State**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

9914085 Injury-Burns-Thermal  
9914087 Injury-Cardiac Arrest  
9914089 Injury-Crush Syndrome  
9914091 Injury-Diving Emergencies  
9914093 Injury-Drowning/Near Drowning  
9914095 Injury-Electrical Injuries  
9914097 Injury-Extremity  
9914099 Injury-Eye  
9914101 Injury-Head  
9914103 Injury-Impaled Object  
9914105 Injury-Multisystem  
9914107 Injury-Spinal Cord  
9914109 Medical-Abdominal Pain  
9914111 Medical-Allergic Reaction/Anaphylaxis  
9914113 Medical-Altered Mental Status  
9914115 Medical-Bradycardia  
9914117 Medical-Cardiac Chest Pain  
9914119 Medical-Diarrhea  
9914121 Medical-Hyperglycemia  
9914123 Medical-Hypertension  
9914125 Medical-Hypoglycemia/Diabetic Emergency  
9914127 Medical-Hypotension/Shock (Non-Trauma)  
9914129 Medical-Influenza-Like Illness/ Upper Respiratory Infection  
9914131 Medical-Nausea/Vomiting  
9914133 Medical-Newborn/ Neonatal Resuscitation  
9914135 General-Overdose/Poisoning/Toxic Ingestion  
9914137 Medical-Pulmonary Edema/CHF  
9914139 Medical-Respiratory Distress/Asthma/COPD/Reactive Airway  
9914141 Medical-Seizure  
9914143 Medical-ST-Elevation Myocardial Infarction (STEMI)  
9914145 Medical-Stroke/TIA  
9914147 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)  
9914149 Medical-Syncope  
9914151 Medical-Ventricular Tachycardia (With Pulse)  
9914153 Not Done  
9914155 OB/GYN-Childbirth/Labor/Delivery  
9914157 OB/GYN-Eclampsia  
9914159 OB/GYN-Gynecologic Emergencies  
9914161 OB/GYN-Pregnancy Related Emergencies  
9914163 OB/GYN-Post-partum Hemorrhage  
9914165 Other  
9914167 Exposure-Carbon Monoxide  
9914169 Cardiac Arrest-Do Not Resuscitate  
9914171 Cardiac Arrest-Special Resuscitation Orders  
9914173 Exposure-Smoke Inhalation  
9914175 General-Community Paramedicine / Mobile Integrated Healthcare  
9914177 General-Exception Protocol  
9914179 General-Extended Care Guidelines  
9914181 General-Interfacility Transfers  
9914183 General-Law Enforcement - Blood for Legal Purposes  
9914185 General-Law Enforcement - Assist with Law Enforcement Activity  
9914187 General-Neglect or Abuse Suspected  
9914189 General-Refusal of Care  
9914191 Injury-Mass/Multiple Casualties  
9914193 Injury-Thoracic  
9914195 Medical-Adrenal Insufficiency  
9914197 Medical-Apparent Life Threatening Event (ALTE)  
9914199 Medical-Tachycardia  
9914201 Cardiac Arrest-Determination of Death / Withholding Resuscitative Efforts  
9914203 Injury-Conducted Electrical Weapon (e.g., Taser)  
9914205 Injury-Facial Trauma  
9914207 Injury-General Trauma Management  
9914209 Injury-Lightning/Lightning Strike  
9914211 Injury-SCUBA Injury/Accidents  
9914213 Injury-Topical Chemical Burn  
9914215 Medical-Beta Blocker Poisoning/Overdose  
9914217 Medical-Calcium Channel Blocker Poisoning/Overdose  
9914219 Medical-Opioid Poisoning/Overdose  
9914221 Medical-Respiratory Distress-Bronchiolitis



### 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.

### Associated Validation Rules

Rule ID	Level	Message
â;NvPn_Nil_Nv	Error	When Protocols Permitted by the State is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â;NvPn_Nv_Nil	Error	When Protocols Permitted by the State has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â;vPn_Nv_only	Warning	When Protocols Permitted by the State has a Not Value, no other value should be recorded.

**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 (EMT)
9917007	2009 Paramedic
9917009	First Responder
9917011	EMT-Basic
9917013	EMT-Intermediate
9917015	EMT-Paramedic
9917019	Physician
9917021	Critical Care Paramedic
9917023	Community Paramedicine
9917025	Nurse Practitioner
9917027	Physician Assistant
9917029	Licensed Practical Nurse (LPN)
9917031	Registered Nurse

**Data Element Comment**

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

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

dConfiguration.07 - EMS Agency Procedures

Definition

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

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

Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

Constraints

<b>Data Type</b>	<b>maxInclusive</b>	<b>minInclusive</b>
integer	999999999999999	100000

Data Element Comment

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

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

Code list is represented in SNOMEDCT: Reference the NEMSIS Suggested Lists at:

<https://nemsis.org/technical-resources/version-3/version-3-resource-repository/>

SNOMEDCT

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

Product: Product - UMLS Metathesaurus

State

National

**dConfiguration.08 - EMS Certification Levels Permitted to Administer Each Medication**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
9917001	2009 Advanced Emergency Medical Technician (AEMT)
9917003	2009 Emergency Medical Responder (EMR)
9917005	2009 Emergency Medical Technician (EMT)
9917007	2009 Paramedic
9917009	First Responder
9917011	EMT-Basic
9917013	EMT-Intermediate
9917015	EMT-Paramedic
9917019	Physician
9917021	Critical Care Paramedic
9917023	Community Paramedicine
9917025	Nurse Practitioner
9917027	Physician Assistant
9917029	Licensed Practical Nurse (LPN)
9917031	Registered Nurse

**Data Element Comment**

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

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

**dConfiguration.09 - EMS Agency Medications**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

Data Type	minLength	maxLength
string	2	7

**Data Element Comment**

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

List of medications based on RxNorm (RXCU) codes.

Reference the NEMESIS Suggested Lists at: <https://nemsis.org/technical-resources/version-3/version-3-resources/>

**RxNorm**

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

Product - RxNorm Full Monthly Release

**SNOMED-CT**

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

Product: Product - UMLS Metathesaurus.

**dConfiguration.10 - EMS Agency Protocols**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

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

9914093 Injury-Drowning/Near Drowning  
 9914095 Injury-Electrical Injuries  
 9914097 Injury-Extremity  
 9914099 Injury-Eye  
 9914101 Injury-Head  
 9914103 Injury-Impaled Object  
 9914105 Injury-Multisystem  
 9914107 Injury-Spinal Cord  
 9914109 Medical-Abdominal Pain  
 9914111 Medical-Allergic Reaction/Anaphylaxis  
 9914113 Medical-Altered Mental Status  
 9914115 Medical-Bradycardia  
 9914117 Medical-Cardiac Chest Pain  
 9914119 Medical-Diarrhea  
 9914121 Medical-Hyperglycemia  
 9914123 Medical-Hypertension  
 9914125 Medical-Hypoglycemia/Diabetic Emergency  
 9914127 Medical-Hypotension/Shock (Non-Trauma)  
 9914129 Medical-Influenza-Like Illness/ Upper Respiratory Infection  
 9914131 Medical-Nausea/Vomiting  
 9914133 Medical-Newborn/ Neonatal Resuscitation  
 9914135 General-Overdose/Poisoning/Toxic Ingestion  
 9914137 Medical-Pulmonary Edema/CHF  
 9914139 Medical-Respiratory Distress/Asthma/COPD/Reactive Airway  
 9914141 Medical-Seizure  
 9914143 Medical-ST-Elevation Myocardial Infarction (STEMI)  
 9914145 Medical-Stroke/TIA  
 9914147 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)  
 9914149 Medical-Syncope  
 9914151 Medical-Ventricular Tachycardia (With Pulse)  
 9914153 Not Done  
 9914155 OB/GYN-Childbirth/Labor/Delivery  
 9914157 OB/GYN-Eclampsia  
 9914159 OB/GYN-Gynecologic Emergencies  
 9914161 OB/GYN-Pregnancy Related Emergencies  
 9914163 OB/GYN-Post-partum Hemorrhage  
 9914165 Other  
 9914167 Exposure-Carbon Monoxide  
 9914169 Cardiac Arrest-Do Not Resuscitate  
 9914171 Cardiac Arrest-Special Resuscitation Orders  
 9914173 Exposure-Smoke Inhalation  
 9914175 General-Community Paramedicine / Mobile Integrated Healthcare  
 9914177 General-Exception Protocol  
 9914179 General-Extended Care Guidelines  
 9914181 General-Interfacility Transfers  
 9914183 General-Law Enforcement - Blood for Legal Purposes  
 9914185 General-Law Enforcement - Assist with Law Enforcement Activity  
 9914187 General-Neglect or Abuse Suspected  
 9914189 General-Refusal of Care  
 9914191 Injury-Mass/Multiple Casualties  
 9914193 Injury-Thoracic  
 9914195 Medical-Adrenal Insufficiency  
 9914197 Medical-Apparent Life Threatening Event (ALTE)  
 9914199 Medical-Tachycardia  
 9914201 Cardiac Arrest-Determination of Death / Withholding Resuscitative Efforts  
 9914203 Injury-Conducted Electrical Weapon (e.g., Taser)  
 9914205 Injury-Facial Trauma  
 9914207 Injury-General Trauma Management  
 9914209 Injury-Lightning/Lightning Strike  
 9914211 Injury-SCUBA Injury/Accidents  
 9914213 Injury-Topical Chemical Burn  
 9914215 Medical-Beta Blocker Poisoning/Overdose  
 9914217 Medical-Calcium Channel Blocker Poisoning/Overdose  
 9914219 Medical-Opioid Poisoning/Overdose  
 9914221 Medical-Respiratory Distress-Bronchiolitis  
 9914223 Medical-Respiratory Distress-Croup  
 9914225 Medical-Stimulant Poisoning/Overdose

Data Element Comment
----------------------

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

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

The list is defined by the NASEMSO State Medical Directors.



**dConfiguration.11 - EMS Agency Specialty Service Capability**

**Definition**

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

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

**Code List**

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

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âion.11_none	Warning	When EMS Agency Specialty Service Capability is "None", no other values should be recorded.

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

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

**Data Element Comment**

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

State

National

**dConfiguration.15 - Patient Monitoring Capability(ies)**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**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 Nillable	No
Usage	Mandatory	Recurrence	1 : M

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
â'n.16_assert	Warning	Crew Call Sign should be unique (the same call sign should not be listed more than once).

# eRecord

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

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

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

## eRecord

1:1	eRecord.01 - Patient Care Report Number	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1:1	eRecord.SoftwareApplicationGroup			
1:1	eRecord.02 - Software Creator	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1:1	eRecord.03 - Software Name	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1:1	eRecord.04 - Software Version	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>

## eRecord

**eRecord.01 - Patient Care Report Number**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

Data Type	minLength	maxLength
string	3	50

**Data Element Comment**

**eRecord.02 - Software Creator**

**Definition**

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

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

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

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



State

National

**eRecord.03 - Software Name**

Definition

The name of the application used to create this record.

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

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

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

State

National

**eRecord.04 - Software Version**

Definition

The version of the application used to create this record.

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

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

# eResponse

## Legend

Dataset Level: N National S State D Deprecated

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

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

## eResponse

1 : 1	eResponse.AgencyGroup				
1 : 1	eResponse.01 - EMS Agency Number	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>	
1 : 1	eResponse.03 - Incident Number	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eResponse.04 - EMS Response Number	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eResponse.ServiceGroup				
1 : 1	eResponse.05 - Type of Service Requested	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>	
1 : 1	eResponse.07 - Primary Role of the Unit	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>	
1 : M	eResponse.08 - Type of Dispatch Delay	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	eResponse.09 - Type of Response Delay	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	eResponse.10 - Type of Scene Delay	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	eResponse.11 - Type of Transport Delay	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	eResponse.12 - Type of Turn-Around Delay	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eResponse.13 - EMS Vehicle (Unit) Number	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>	
1 : 1	eResponse.14 - EMS Unit Call Sign	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>	
1 : 1	eResponse.15 - Level of Care of This Unit	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>	
1 : 1	eResponse.23 - Response Mode to Scene	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>	
1 : M	eResponse.24 - Additional Response Mode Descriptors	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>

## eResponse

**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.

**Associated Validation Rules**

Rule ID	Level	Message
â\se.01_match	Warning	EMS Agency Number in the patient care report should match EMS Agency Number in the agency demographic information.

**eResponse.03 - Incident Number**

**Definition**

The incident number assigned by the 911 Dispatch System.

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minLength	maxLength
string	3	50

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Incident Number is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Incident Number has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eResponse.04 - EMS Response Number**

**Definition**

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

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minLength	maxLength
string	3	50

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When EMS Response Number is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When EMS Response Number has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**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.

**Associated Validation Rules**

Rule ID	Level	Message
âiituation.02	Warning	Possible Injury should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âiituation.07	Warning	Chief Complaint Anatomic Location should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âiituation.08	Warning	Chief Complaint Organ System should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âiituation.09	Warning	Primary Symptom should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âiituation.11	Warning	Provider's Primary Impression should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âiituation.13	Warning	Initial Patient Acuity should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".



**eResponse.07 - Primary Role of the Unit**

**Definition**

The primary role of the EMS unit which responded to this specific EMS event

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
2207003	Ground Transport
2207005	Non-Transport Administrative (e.g., Supervisor)
2207007	Non-Transport Assistance
2207009	Non-Transport Rescue
2207011	Air Transport-Helicopter
2207013	Air Transport-Fixed Wing

**Data Element Comment**

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

**eResponse.08 - Type of Dispatch Delay**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2208001	Caller (Uncooperative)
2208003	Diversion/Failure (of previous unit)
2208005	High Call Volume
2208007	Language Barrier
2208009	Location (Inability to Obtain)
2208011	No EMS Vehicles (Units) Available
2208013	None/No Delay
2208015	Other
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).

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When Type of Dispatch Delay is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Type of Dispatch Delay has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!Response.08	Warning	When Type of Dispatch Delay is "None/No Delay", no other value should be recorded.
â!vPn_Nv_only	Warning	When Type of Dispatch Delay has a Not Value, no other value should be recorded.

**eResponse.09 - Type of Response Delay**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2209001	Crowd
2209003	Directions/Unable to Locate
2209005	Distance
2209007	Diversion (Different Incident)
2209009	HazMat
2209011	None/No Delay
2209013	Other
2209015	Rendezvous Transport Unavailable
2209017	Route Obstruction (e.g., Train)
2209019	Scene Safety (Not Secure for EMS)
2209021	Staff Delay
2209023	Traffic
2209025	Vehicle Crash Involving this Unit
2209027	Vehicle Failure of this Unit
2209029	Weather
2209031	Mechanical Issue-Unit, Equipment, etc.
2209033	Flight Planning

**Data Element Comment**

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

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

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When Type of Response Delay is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Type of Response Delay has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!Response.09	Warning	When Type of Response Delay is "None/No Delay", no other value should be recorded.
â!vPn_Nv_only	Warning	When Type of Response Delay has a Not Value, no other value should be recorded.

**eResponse.10 - Type of Scene Delay**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2210001	Awaiting Air Unit
2210003	Awaiting Ground Unit
2210005	Crowd
2210007	Directions/Unable to Locate
2210009	Distance
2210011	Extrication
2210013	HazMat
2210015	Language Barrier
2210017	None/No Delay
2210019	Other
2210021	Patient Access
2210023	Safety-Crew/Staging
2210025	Safety-Patient
2210027	Staff Delay
2210029	Traffic
2210031	Triage/Multiple Patients
2210033	Vehicle Crash Involving this Unit
2210035	Vehicle Failure of this Unit
2210037	Weather
2210039	Mechanical Issue-Unit, Equipment, etc.

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When Type of Scene Delay is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Type of Scene Delay has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!Response.10	Warning	When Type of Scene Delay is "None/No Delay", no other value should be recorded.
â!vPn_Nv_only	Warning	When Type of Scene Delay has a Not Value, no other value should be recorded.

**eResponse.11 - Type of Transport Delay**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2211001	Crowd
2211003	Directions/Unable to Locate
2211005	Distance
2211007	Diversion
2211009	HazMat
2211011	None/No Delay
2211013	Other
2211015	Rendezvous Transport Unavailable
2211017	Route Obstruction (e.g., Train)
2211019	Safety
2211021	Staff Delay
2211023	Traffic
2211025	Vehicle Crash Involving this Unit
2211027	Vehicle Failure of this Unit
2211029	Weather
2211031	Patient Condition Change (e.g., Unit Stopped)

**Data Element Comment**

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Type of Transport Delay is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Type of Transport Delay has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âiResponse.11	Warning	When Type of Transport Delay is "None/No Delay", no other value should be recorded.
âiNvPn_Nv_only	Warning	When Type of Transport Delay has a Not Value, no other value should be recorded.

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Response

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2212001	Clean-up
2212003	Decontamination
2212005	Distance
2212007	Documentation
2212009	ED Overcrowding / Transfer of Care
2212011	Equipment Failure
2212013	Equipment/Supply Replenishment
2212015	None/No Delay
2212017	Other
2212019	Rendezvous Transport Unavailable
2212021	Route Obstruction (e.g., Train)
2212023	Staff Delay
2212025	Traffic
2212027	Vehicle Crash of this Unit
2212029	Vehicle Failure of this Unit
2212031	Weather
2212033	EMS Crew Accompanies Patient for Facility Procedure

**Data Element Comment**

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

If a patient is being transported by the unit, turn-around delay is any time delay that occurs from the time the patient arrived at the destination (eTimes.11) until the time the unit is back in service (eTimes.13) or unit back at the home location (eTimes.15) [whichever is the greater of the two times].

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Type of Turn-Around Delay is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Type of Turn-Around Delay has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âiResponse.12	Warning	When Type of Turn-Around Delay is "None/No Delay", no other value should be recorded.

â\pN\_Nv\_only **Warning** When Type of Turn-Around Delay has a Not Value, no other value should be recorded.

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

**Definition**

The unique physical vehicle number of the responding unit.

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

**Constraints**

Data Type	minLength	maxLength
string	1	25

**Data Element Comment**

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



State

National

**eResponse.14 - EMS Unit Call Sign**

**Definition**

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

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

**Constraints**

Data Type	minLength	maxLength
string	1	50

**Data Element Comment**

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

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
2215001	BLS-First Responder/EMR
2215003	BLS-Basic /EMT
2215005	BLS-AEMT
2215007	BLS-Intermediate
2215023	BLS-Community Paramedicine
2215009	ALS-AEMT
2215011	ALS-Intermediate
2215013	ALS-Paramedic
2215015	ALS-Community Paramedicine
2215017	ALS-Nurse
2215019	ALS-Physician
2215021	Specialty Critical Care

**Data Element Comment**

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

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

**eResponse.23 - Response Mode to Scene**

**Definition**

The indication whether the response was emergent or non-emergent. An emergent response is an immediate response.

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)

**eResponse.24 - Additional Response Mode Descriptors**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2224001	Intersection Navigation-Against Normal Light Patterns
2224003	Intersection Navigation-With Automated Light Changing Technology
2224005	Intersection Navigation-With Normal Light Patterns
2224007	Scheduled
2224009	Speed-Enhanced per Local Policy
2224011	Speed-Normal Traffic
2224013	Unscheduled
2224015	Lights and Sirens
2224017	Lights and No Sirens
2224019	No Lights or Sirens
2224021	Initial No Lights or Sirens, Upgraded to Lights and Sirens
2224023	Initial Lights and Sirens, Downgraded to No Lights or Sirens

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Additional Response Mode Descriptors is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Additional Response Mode Descriptors has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âivPn_Nv_only	Warning	When Additional Response Mode Descriptors has a Not Value, no other value should be recorded.

# eDispatch

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

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

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

## eDispatch

1 : 1	eDispatch.01 - Complaint Reported by Dispatch	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>
1 : 1	eDispatch.02 - EMD Performed	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="border: 1px solid black; padding: 0 2px;">N, L</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
2301081	Drowning/Diving/SCUBA Accident
2301083	Airmedical Transport

**Data Element Comment**

Added Pandemic/Epidemic/Outbreak.

Added Automated Crash Notification  
Added Healthcare Professional Admission  
Added Transfer/Interfacility/Palliative Care  
- Other entries expanded based on current national EMD Dispatch List



**eDispatch.02 - EMD Performed**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When EMD Performed is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When EMD Performed has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

# eTimes

## Legend

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

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

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

## eTimes

1:1	eTimes.01 - PSAP Call Date/Time	<b>N</b>	<b>S</b>	<b>R</b>	<b>N, L</b>
1:1	eTimes.03 - Unit Notified by Dispatch Date/Time	<b>N</b>	<b>S</b>	<b>M</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>
1:1	eTimes.09 - Unit Left Scene Date/Time	<b>N</b>	<b>S</b>	<b>R</b>	<b>N, L</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>	

## 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 (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

**Pattern**

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

**Data Element Comment**

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

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

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

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âNvPn_Nil_Nv	<b>Error</b>	When PSAP Call Date/Time is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element),

or it should be omitted (if the element is optional).

â!NvPh\_Nv\_Nil **Error**

When PSAP Call Date/Time has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

â!3\_eTimes.01 **Warning**

Unit Notified by Dispatch Date/Time should not be earlier than PSAP Call Date/Time.

**eTimes.03 - Unit Notified by Dispatch Date/Time**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</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

**Associated Validation Rules**

Rule ID	Level	Message
âlr_eTimes.03	Warning	Date/Time of Destination Prearrival Alert or Activation should not be earlier than Unit Notified by Dispatch Date/Time.
âlr_eTimes.03	Warning	Date/Time Medication Administered should not be earlier than Unit Notified by Dispatch Date/Time, unless Medication Administered Prior to this Unit's EMS Care is "Yes".
âlr_eTimes.03	Warning	Date/Time Procedure Performed should not be earlier than Unit Notified by Dispatch Date/Time, unless Procedure Performed Prior to this Unit's EMS Care is "Yes".
â!3_eTimes.01	Warning	Unit Notified by Dispatch Date/Time should not be earlier than PSAP Call Date/Time.

- â!5\_eTimes.03 **Warning** Unit En Route Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- â!6\_eTimes.03 **Warning** Unit Arrived on Scene Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- â!7\_eTimes.03 **Warning** Arrived at Patient Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- â!9\_eTimes.03 **Warning** Unit Left Scene Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- â!1\_eTimes.03 **Warning** Patient Arrived at Destination Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- â!2\_eTimes.03 **Warning** Destination Patient Transfer of Care Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- â!3\_eTimes.03 **Warning** Unit Back in Service Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- â!r\_eTimes.03 **Warning** Date/Time Vital Signs Taken should not be earlier than Unit Notified by Dispatch Date/Time, unless Obtained Prior to this Unit's EMS Care is "Yes".

**eTimes.05 - Unit En Route Date/Time**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

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

**Data Element Comment**

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

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

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âlg_eTimes.05	Warning	Unit En Route Date/Time should be recorded unless Incident/Patient Disposition is "Canceled (Prior to Arrival At Scene)".
â!NvPn_Nil_Nv	Error	When Unit En Route Date/Time is empty, it should have a Not Value (Not Applicable, Not



Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).

- â!NvPn\_Nv\_Nil **Error** When Unit En Route Date/Time has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
- â!5\_eTimes.03 **Warning** Unit En Route Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- â!6\_eTimes.05 **Warning** Unit Arrived on Scene Date/Time should not be earlier than Unit En Route Date/Time.
- â!9\_eTimes.05 **Warning** Unit Left Scene Date/Time should not be earlier than Unit En Route Date/Time.
- â!1\_eTimes.05 **Warning** Patient Arrived at Destination Date/Time should not be earlier than Unit En Route Date/Time.
- â!2\_eTimes.05 **Warning** Destination Patient Transfer of Care Date/Time should not be earlier than Unit En Route Date/Time.
- â!3\_eTimes.05 **Warning** Unit Back in Service Date/Time should not be earlier than Unit En Route Date/Time.

**eTimes.06 - Unit Arrived on Scene Date/Time**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âlg_eTimes.06	Warning	Unit Arrived on Scene Date/Time should be recorded unless Incident/Patient Disposition is "Canceled (Prior to Arrival At Scene)".

â!NvPn_Nil_Nv <b>Error</b>	When Unit Arrived on Scene Date/Time is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil <b>Error</b>	When Unit Arrived on Scene Date/Time has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!6_eTimes.03 <b>Warning</b>	Unit Arrived on Scene Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
â!6_eTimes.05 <b>Warning</b>	Unit Arrived on Scene Date/Time should not be earlier than Unit En Route Date/Time.
â!9_eTimes.06 <b>Warning</b>	Unit Left Scene Date/Time should not be earlier than Unit Arrived on Scene Date/Time.
â!1_eTimes.06 <b>Warning</b>	Patient Arrived at Destination Date/Time should not be earlier than Unit Arrived on Scene Date/Time.
â!2_eTimes.06 <b>Warning</b>	Destination Patient Transfer of Care Date/Time should not be earlier than Unit Arrived on Scene Date/Time.
â!3_eTimes.06 <b>Warning</b>	Unit Back in Service Date/Time should not be earlier than Unit Arrived on Scene Date/Time.

**eTimes.07 - Arrived at Patient Date/Time**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

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

**Data Element Comment**

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

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

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âlg_eTimes.07	Warning	Arrived at Patient Date/Time should be recorded when Incident/Patient Disposition is "Patient..."
âiNvPn_Nil_Nv	Error	When Arrived at Patient Date/Time is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the

element), or it should be omitted (if the element is optional).

- â!NvPh\_Nv\_Nil **Error** When Arrived at Patient Date/Time has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
- â!r\_eTimes.07 **Warning** Date/Time Medication Administered should not be earlier than Arrived at Patient Date/Time, unless Medication Administered Prior to this Unit's EMS Care is "Yes".
- â!e\_eTimes.07 **Warning** Date/Time Medication Administered should not be later than Arrived at Patient Date/Time when Medication Administered Prior to this Unit's EMS Care is "Yes".
- â!r\_eTimes.07 **Warning** Date/Time Procedure Performed should not be earlier than Arrived at Patient Date/Time, unless Procedure Performed Prior to this Unit's EMS Care is "Yes".
- â!e\_eTimes.07 **Warning** Date/Time Procedure Performed should not be later than Arrived at Patient Date/Time when Procedure Performed Prior to this Unit's EMS Care is "Yes".
- â!7\_eTimes.03 **Warning** Arrived at Patient Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- â!9\_eTimes.07 **Warning** Unit Left Scene Date/Time should not be earlier than Arrived at Patient Date/Time.
- â!1\_eTimes.07 **Warning** Patient Arrived at Destination Date/Time should not be earlier than Arrived at Patient Date/Time.
- â!2\_eTimes.07 **Warning** Destination Patient Transfer of Care Date/Time should not be earlier than Arrived at Patient Date/Time.
- â!3\_eTimes.07 **Warning** Unit Back in Service Date/Time should not be earlier than Arrived at Patient Date/Time.
- â!r\_eTimes.07 **Warning** Date/Time Vital Signs Taken should not be earlier than Arrived at Patient Date/Time, unless Obtained Prior to this Unit's EMS Care is "Yes".
- â!e\_eTimes.07 **Warning** Date/Time Vital Signs Taken should not be later than Arrived at Patient Date/Time when Obtained Prior to this Unit's EMS Care is "Yes".

**eTimes.09 - Unit Left Scene Date/Time**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

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

**Data Element Comment**

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

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

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âlg_eTimes.09	Warning	Unit Left Scene Date/Time should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
â!NvPn_Nil_Nv	Error	When Unit Left Scene Date/Time is empty, it should have a Not Value (Not Applicable, Not

Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).

- â!NvPn\_Nv\_Nil **Error** When Unit Left Scene Date/Time has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
- â!9\_eTimes.03 **Warning** Unit Left Scene Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- â!9\_eTimes.05 **Warning** Unit Left Scene Date/Time should not be earlier than Unit En Route Date/Time.
- â!9\_eTimes.06 **Warning** Unit Left Scene Date/Time should not be earlier than Unit Arrived on Scene Date/Time.
- â!9\_eTimes.07 **Warning** Unit Left Scene Date/Time should not be earlier than Arrived at Patient Date/Time.
- â!1\_eTimes.09 **Warning** Patient Arrived at Destination Date/Time should not be earlier than Unit Left Scene Date/Time.
- â!2\_eTimes.09 **Warning** Destination Patient Transfer of Care Date/Time should not be earlier than Unit Left Scene Date/Time.
- â!3\_eTimes.09 **Warning** Unit Back in Service Date/Time should not be earlier than Unit Left Scene Date/Time.

**eTimes.11 - Patient Arrived at Destination Date/Time**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

**Pattern**

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

**Data Element Comment**

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

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

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âlg_eTimes.11	Warning	Patient Arrived at Destination Date/Time should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
â!NvPn_Nil_Nv	Error	When Patient Arrived at Destination Date/Time is empty, it should have a Not Value (Not



Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).

- â:1\_eTimes.03 **Warning** Patient Arrived at Destination Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- â:1\_eTimes.05 **Warning** Patient Arrived at Destination Date/Time should not be earlier than Unit En Route Date/Time.
- â:1\_eTimes.06 **Warning** Patient Arrived at Destination Date/Time should not be earlier than Unit Arrived on Scene Date/Time.
- â:1\_eTimes.07 **Warning** Patient Arrived at Destination Date/Time should not be earlier than Arrived at Patient Date/Time.
- â:1\_eTimes.09 **Warning** Patient Arrived at Destination Date/Time should not be earlier than Unit Left Scene Date/Time.
- â:2\_eTimes.11 **Warning** Destination Patient Transfer of Care Date/Time should not be earlier than Patient Arrived at Destination Date/Time.
- â:3\_eTimes.11 **Warning** Unit Back in Service Date/Time should not be earlier than Patient Arrived at Destination Date/Time.

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</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+)? (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

**Associated Validation Rules**

Rule ID	Level	Message
âlg_eTimes.12	Warning	Destination Patient Transfer of Care Date/Time should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".

â!NvPn_Nil_Nv <b>Error</b>	When Destination Patient Transfer of Care Date/Time is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil <b>Error</b>	When Destination Patient Transfer of Care Date/Time has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!e_eTimes.12 <b>Warning</b>	Date/Time of Destination Prearrival Alert or Activation should not be later than Destination Patient Transfer of Care Date/Time.
â!e_eTimes.12 <b>Warning</b>	Date/Time Medication Administered should not be later than Destination Patient Transfer of Care Date/Time.
â!e_eTimes.12 <b>Warning</b>	Date/Time Procedure Performed should not be later than Destination Patient Transfer of Care Date/Time.
â!_eArrest.14 <b>Warning</b>	Destination Patient Transfer of Care Date/Time should not be earlier than Date/Time of Cardiac Arrest.
â!ituation.01 <b>Warning</b>	Destination Patient Transfer of Care Date/Time should not be earlier than Date/Time of Symptom Onset.
â!2_eTimes.03 <b>Warning</b>	Destination Patient Transfer of Care Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
â!2_eTimes.05 <b>Warning</b>	Destination Patient Transfer of Care Date/Time should not be earlier than Unit En Route Date/Time.
â!2_eTimes.06 <b>Warning</b>	Destination Patient Transfer of Care Date/Time should not be earlier than Unit Arrived on Scene Date/Time.
â!2_eTimes.07 <b>Warning</b>	Destination Patient Transfer of Care Date/Time should not be earlier than Arrived at Patient Date/Time.
â!2_eTimes.09 <b>Warning</b>	Destination Patient Transfer of Care Date/Time should not be earlier than Unit Left Scene Date/Time.
â!2_eTimes.11 <b>Warning</b>	Destination Patient Transfer of Care Date/Time should not be earlier than Patient Arrived at Destination Date/Time.
â!3_eTimes.12 <b>Warning</b>	Unit Back in Service Date/Time should not be earlier than Destination Patient Transfer of Care Date/Time.
â!e_eTimes.12 <b>Warning</b>	Date/Time Vital Signs Taken should not be later than Destination Patient Transfer of Care Date/Time.

**eTimes.13 - Unit Back in Service Date/Time**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Response

**Constraints**

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

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

**Data Element Comment**

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

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

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

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

**Associated Validation Rules**

Rule ID	Level	Message
â€eTimes.13	Warning	Date/Time of Destination Prearrival Alert or Activation should not be later than Unit Back in Service Date/Time.
â€eTimes.13	Warning	Date/Time Medication Administered should not be later than Unit Back in Service Date/Time.
â€eTimes.13	Warning	Date/Time Procedure Performed should not be later than Unit Back in Service Date/Time.

- âit\_eTimes.13 **Warning** Unit Back in Service Date/Time should not be in the future (the current time according to this system is (value)).
- âi\_eArrest.14 **Warning** Unit Back in Service Date/Time should not be earlier than Date/Time of Cardiac Arrest.
- âituation.01 **Warning** Unit Back in Service Date/Time should not be earlier than Date/Time of Symptom Onset.
- âi3\_eTimes.03 **Warning** Unit Back in Service Date/Time should not be earlier than Unit Notified by Dispatch Date/Time.
- âi3\_eTimes.05 **Warning** Unit Back in Service Date/Time should not be earlier than Unit En Route Date/Time.
- âi3\_eTimes.06 **Warning** Unit Back in Service Date/Time should not be earlier than Unit Arrived on Scene Date/Time.
- âi3\_eTimes.07 **Warning** Unit Back in Service Date/Time should not be earlier than Arrived at Patient Date/Time.
- âi3\_eTimes.09 **Warning** Unit Back in Service Date/Time should not be earlier than Unit Left Scene Date/Time.
- âi3\_eTimes.11 **Warning** Unit Back in Service Date/Time should not be earlier than Patient Arrived at Destination Date/Time.
- âi3\_eTimes.12 **Warning** Unit Back in Service Date/Time should not be earlier than Destination Patient Transfer of Care Date/Time.
- âle\_eTimes.13 **Warning** Date/Time Vital Signs Taken should not be later than Unit Back in Service Date/Time.

# ePatient

<b>Legend</b>	Dataset Level: <span style="color: red;">N</span> National <span style="color: orange;">S</span> State <span style="color: purple;">D</span> Deprecated
	Usage: <span style="border: 1px solid black; padding: 0 2px;"> </span> M = Mandatory , R = Required , E = Recommended, or O = Optional
	Attributes: <span style="border: 1px solid black; padding: 0 2px;"> </span> N = Not Values, P = Pertinent Negatives , L = Nillable, C = Correlation ID, and/or U = UUID

## ePatient

1 : 1	ePatient.07 - Patient's Home County	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>
1 : 1	ePatient.08 - Patient's Home State	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>
1 : 1	ePatient.09 - Patient's Home ZIP Code	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>
1 : 1	ePatient.13 - Gender	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>
1 : M	ePatient.14 - Race	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>
1 : 1	ePatient.AgeGroup								
1 : 1	ePatient.15 - Age	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>
1 : 1	ePatient.16 - Age Units	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>	<span style="border: 1px solid black; padding: 0 2px;"> </span>

## ePatient

**ePatient.07 - Patient's Home County**

**Definition**

The patient's home county or parish of residence.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**  
 [0-9]{5}

**Data Element Comment**

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âiePatient.07	Warning	Patient's Home County should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiNvPn_Nil_Nv	Error	When Patient's Home County is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Patient's Home County has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âiePatient.08	Warning	Patient's Home County should belong within the Patient's Home State.



**ePatient.08 - Patient's Home State**

**Definition**

The state, territory, or province where the patient resides.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**  
 [0-9]{2}

**Data Element Comment**

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

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

**Associated Validation Rules**

Rule ID	Level	Message
â!ePatient.08	Warning	Patient's Home State should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
â!NvPn_Nil_Nv	Error	When Patient's Home State is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Patient's Home State has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!ePatient.08	Warning	Patient's Home County should belong within the Patient's Home State.

**ePatient.09 - Patient's Home ZIP Code**

**Definition**

The patient's ZIP code of residence.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiePatient.09	Warning	Patient's Home ZIP Code should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiNvPn_Nil_Nv	Error	When Patient's Home ZIP Code is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Patient's Home ZIP Code has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**ePatient.13 - Gender**

Definition

The patient's gender.

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

Associated Performance Measure Initiatives

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

Attributes

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

Code List

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

Data Element Comment

Associated Validation Rules

Rule ID	Level	Message
â€ePatient.13	Warning	Gender should be recorded when Incident/Patient Disposition is "Patient...".
â€iNvPn_Nil_Nv	Error	When Gender is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â€iNvPn_Nv_Nil	Error	When Gender has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**ePatient.14 - Race**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

OMB requirements are provided at: <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-089.html>. Using single multiple choice question methodology to improve the completion of ethnicity information.

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

**Associated Validation Rules**

Rule ID	Level	Message
âiePatient.14	Warning	Race should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiNvPn_Nil_Nv	Error	When Race is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Race has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âivPn_Nv_only	Warning	When Race has a Not Value, no other value should be recorded.

**ePatient.15 - Age**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
integer	1	120

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiePatient.15	Warning	Age should be recorded when Incident/Patient Disposition is "Patient..."
âiNvPn_Nil_Nv	Error	When Age is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Age has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âiePatient.16	Warning	Age Units should be recorded when Age is recorded.

**ePatient.16 - Age Units**

**Definition**

The unit used to define the patient's age.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
â€ePatient.16	Warning	Age Units should be recorded when Incident/Patient Disposition is "Patient...".
â€NvPn_Nil_Nv	Error	When Age Units is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â€NvPn_Nv_Nil	Error	When Age Units has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â€ePatient.16	Warning	Age Units should be recorded when Age is recorded.

# ePayment

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

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

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

## ePayment

1 : 1	ePayment.01 - Primary Method of Payment	<span style="background-color: red; color: white; padding: 0 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 0 2px;">S</span>	<span style="background-color: gray; color: black; padding: 0 2px;">R</span>	<span style="background-color: yellow; color: black; padding: 0 2px;">N, L</span>
1 : 1	ePayment.50 - CMS Service Level	<span style="background-color: red; color: white; padding: 0 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 0 2px;">S</span>	<span style="background-color: gray; color: black; padding: 0 2px;">R</span>	<span style="background-color: yellow; color: black; padding: 0 2px;">N, L</span>

## ePayment



**ePayment.01 - Primary Method of Payment**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2601001	Insurance
2601003	Medicaid
2601005	Medicare
2601007	Not Billed (for any reason)
2601009	Other Government
2601011	Self Pay
2601013	Workers Compensation
2601015	Payment by Facility
2601017	Contracted Payment
2601019	Community Network
2601021	No Insurance Identified
2601023	Other Payment Option

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
â€¦ePayment.01	Warning	Primary Method of Payment should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
â€¦NvPn_Nil_Nv	Error	When Primary Method of Payment is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â€¦NvPn_Nv_Nil	Error	When Primary Method of Payment has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**ePayment.50 - CMS Service Level**

**Definition**

The CMS service level for this EMS encounter.

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

**Associated Performance Measure Initiatives**

Airway Pediatric STEMI Stroke Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When CMS Service Level is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When CMS Service Level has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

# eScene

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

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

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

## eScene

1 : 1	eScene.01 - First EMS Unit on Scene	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eScene.06 - Number of Patients at Scene	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eScene.07 - Mass Casualty Incident	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eScene.08 - Triage Classification for MCI Patient	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eScene.09 - Incident Location Type	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eScene.18 - Incident State	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eScene.19 - Incident ZIP Code	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eScene.21 - Incident County	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>

## eScene

**eScene.01 - First EMS Unit on Scene**

**Definition**

Documentation that this EMS unit was the first EMS unit for the EMS Agency on the scene

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When First EMS Unit on Scene is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When First EMS Unit on Scene has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eScene.06 - Number of Patients at Scene**

**Definition**

Indicator of how many total patients were at the scene.

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2707001	Multiple
2707003	None
2707005	Single

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
â;NvPn_Nil_Nv	Error	When Number of Patients at Scene is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â;NvPn_Nv_Nil	Error	When Number of Patients at Scene has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â;i_eScene.06	Warning	Number of Patients at Scene should be "Multiple" when Mass Casualty Incident is "Yes".

**eScene.07 - Mass Casualty Incident**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Mass Casualty Incident is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Mass Casualty Incident has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_eScene.06	Warning	Number of Patients at Scene should be "Multiple" when Mass Casualty Incident is "Yes".
âi_eScene.08	Warning	Triage Classification for MCI Patient should be recorded when Mass Casualty Incident is "Yes".

**eScene.08 - Triage Classification for MCI Patient**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

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

Examples of triage systems include START and SALT.

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Triage Classification for MCI Patient is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Triage Classification for MCI Patient has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_eScene.08	Warning	Triage Classification for MCI Patient should be recorded when Mass Casualty Incident is "Yes".



**eScene.09 - Incident Location Type**

**Definition**

The kind of location where the incident happened.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

**Data Element Comment**

Code list is represented in ICD-10-CM. Reference the NEMESIS Suggested Lists at:  
<https://nemsis.org/technical-resources/version-3/version-3-resources/>

ICD-10-CM  
 Website - <http://uts.nlm.nih.gov>  
 Product - UMLS Metathesaurus

**Associated Validation Rules**

Rule ID	Level	Message
âlg_eScene.09	Warning	Incident Location Type should be recorded unless Incident/Patient Disposition is "Canceled (Prior to Arrival At Scene)".
âiNvPn_Nil_Nv	Error	When Incident Location Type is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Incident Location Type has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eScene.18 - Incident State**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**  
 [0-9]{2}

**Data Element Comment**

Based on the ANSI State Code.

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Incident State is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Incident State has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi1_eScene.18	Warning	Incident County should belong within the Incident State.

**eScene.19 - Incident ZIP Code**

**Definition**

The ZIP code of the incident location.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Incident ZIP Code is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Incident ZIP Code has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eScene.21 - Incident County**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**  
 [0-9]{5}

**Data Element Comment**

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

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

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When Incident County is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Incident County has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!1_eScene.18	Warning	Incident County should belong within the Incident State.

# eSituation

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

## eSituation

1 : 1	eSituation.01 - Date/Time of Symptom Onset	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 2px;">S</span>	<span style="border: 1px solid gray; padding: 2px;">R</span>	<span style="border: 1px solid gray; padding: 2px;">N, L</span>
1 : 1	eSituation.02 - Possible Injury	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 2px;">S</span>	<span style="border: 1px solid gray; padding: 2px;">R</span>	<span style="border: 1px solid gray; padding: 2px;">N, L</span>
1 : 1	eSituation.07 - Chief Complaint Anatomic Location	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 2px;">S</span>	<span style="border: 1px solid gray; padding: 2px;">R</span>	<span style="border: 1px solid gray; padding: 2px;">N, L</span>
1 : 1	eSituation.08 - Chief Complaint Organ System	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 2px;">S</span>	<span style="border: 1px solid gray; padding: 2px;">R</span>	<span style="border: 1px solid gray; padding: 2px;">N, L</span>
1 : 1	eSituation.09 - Primary Symptom	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 2px;">S</span>	<span style="border: 1px solid gray; padding: 2px;">R</span>	<span style="border: 1px solid gray; padding: 2px;">N, L</span>
1 : M	eSituation.10 - Other Associated Symptoms	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 2px;">S</span>	<span style="border: 1px solid gray; padding: 2px;">R</span>	<span style="border: 1px solid gray; padding: 2px;">N, L</span>
1 : 1	eSituation.11 - Provider's Primary Impression	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 2px;">S</span>	<span style="border: 1px solid gray; padding: 2px;">R</span>	<span style="border: 1px solid gray; padding: 2px;">N, L</span>
1 : M	eSituation.12 - Provider's Secondary Impressions	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 2px;">S</span>	<span style="border: 1px solid gray; padding: 2px;">R</span>	<span style="border: 1px solid gray; padding: 2px;">N, L</span>
1 : 1	eSituation.13 - Initial Patient Acuity	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 2px;">S</span>	<span style="border: 1px solid gray; padding: 2px;">R</span>	<span style="border: 1px solid gray; padding: 2px;">N, L</span>

## eSituation

**eSituation.01 - Date/Time of Symptom Onset**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

**Pattern**

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

**Data Element Comment**

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

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

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

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

**Version 3 Changes Implemented**

Added to better define the EMS patient event.

**Associated Validation Rules**

Rule ID	Level	Message
---------	-------	---------

- â:âNvPn\_Nil\_Nv **Error** When Date/Time of Symptom Onset is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
- â:âNvPn\_Nv\_Nil **Error** When Date/Time of Symptom Onset has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
- â:âituation.01 **Warning** Destination Patient Transfer of Care Date/Time should not be earlier than Date/Time of Symptom Onset.
- â:âituation.01 **Warning** Unit Back in Service Date/Time should not be earlier than Date/Time of Symptom Onset.



**eSituation.02 - Possible Injury**

**Definition**

Indication whether or not there was an injury.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9922001	No
9922003	Unknown
9922005	Yes

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â:ituation.02	Warning	Possible Injury should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
â:elnjury.01	Warning	Cause of Injury should be recorded when Incident/Patient Disposition is "Patient..." and Possible Injury is "Yes".
â:elnjury.01	Warning	Cause of Injury should only be recorded when Possible Injury is "Yes".
â:elnjury.03	Warning	Trauma Center Criteria should only be recorded when Possible Injury is "Yes".
â:elnjury.04	Warning	Vehicular, Pedestrian, or Other Injury Risk Factor should only be recorded when Possible Injury is "Yes".
â:NvPn_Nil_Nv	Error	When Possible Injury is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â:NvPn_Nv_Nil	Error	When Possible Injury has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â:ituation.02	Warning	Possible Injury should be "Yes" when a symptom or impression is injury-related.

**eSituation.07 - Chief Complaint Anatomic Location**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â:ituation.07	Warning	Chief Complaint Anatomic Location should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
â:NvPn_Nil_Nv	Error	When Chief Complaint Anatomic Location is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â:NvPn_Nv_Nil	Error	When Chief Complaint Anatomic Location has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eSituation.08 - Chief Complaint Organ System**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

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

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âituation.08	Warning	Chief Complaint Organ System should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âiNvPn_Nil_Nv	Error	When Chief Complaint Organ System is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Chief Complaint Organ System has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eSituation.09 - Primary Symptom**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**

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

**Data Element Comment**

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

Code list is represented in ICD-10-CM Diagnosis Codes. Reference the NEMESIS Suggested Lists at:

<https://nemsis.org/technical-resources/version-3/version-3-resources/>

ICD-10-CM

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

Product - UMLS Metathesaurus

**Associated Validation Rules**

Rule ID	Level	Message
â:ituation.09	Warning	Primary Symptom should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
â:NvPn_Nil_Nv	Error	When Primary Symptom is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â:NvPn_Nv_Nil	Error	When Primary Symptom has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â:ituation.02	Warning	Possible Injury should be "Yes" when a symptom or impression is injury-related.
â:ituation.10	Warning	Other Associated Symptoms should only be recorded when Primary Symptom is recorded.

**eSituation.10 - Other Associated Symptoms**

**Definition**

Other symptoms identified by the patient or observed by EMS personnel.

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

**Associated Performance Measure Initiatives**

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable 7701003 - Not Recorded

**Constraints**

**Pattern**

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

**Data Element Comment**

Code list is represented in ICD-10-CM. Reference the NEMESIS Suggested Lists at:

<https://nemsis.org/technical-resources/version-3/version-3-resources/>

ICD-10-CM

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

Product - UMLS Metathesaurus

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Other Associated Symptoms is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Other Associated Symptoms has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi:ituation.02	Warning	Possible Injury should be "Yes" when a symptom or impression is injury-related.
âi:ituation.10	Warning	Other Associated Symptoms should only be recorded when Primary Symptom is recorded.
âivPn_Nv_only	Warning	When Other Associated Symptoms has a Not Value, no other value should be recorded.

**eSituation.11 - Provider's Primary Impression**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**

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

**Data Element Comment**

Code list is represented in ICD-10-CM. Reference the NEMESIS Suggested Lists at: <https://nemsis.org/technical-resources/version-3/version-3-resources/>

ICD-10-CM

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

Product - UMLS Metathesaurus

**Associated Validation Rules**

Rule ID	Level	Message
âiituation.11	Warning	Provider's Primary Impression should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âiNvPn_Nil_Nv	Error	When Provider's Primary Impression is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Provider's Primary Impression has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âiituation.02	Warning	Possible Injury should be "Yes" when a symptom or impression is injury-related.
âiituation.12	Warning	Provider's Secondary Impressions should only be recorded when Provider's Primary Impression is recorded.

**eSituation.12 - Provider's Secondary Impressions**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

**Data Element Comment**

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at:  
<https://nemsis.org/technical-resources/version-3/version-3-resources/>

ICD-10-CM  
 Website - <http://uts.nlm.nih.gov>  
 Product - UMLS Metathesaurus

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Provider's Secondary Impressions is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Provider's Secondary Impressions has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âsituation.02	Warning	Possible Injury should be "Yes" when a symptom or impression is injury-related.
âsituation.12	Warning	Provider's Secondary Impressions should only be recorded when Provider's Primary Impression is recorded.
âivPn_Nv_only	Warning	When Provider's Secondary Impressions has a Not Value, no other value should be recorded.

**eSituation.13 - Initial Patient Acuity**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âiituation.13	Warning	Initial Patient Acuity should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âiNvPn_Nil_Nv	Error	When Initial Patient Acuity is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Initial Patient Acuity has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.



# eInjury

<b>Legend</b>	Dataset Level: <span style="color: red;">N</span> National <span style="color: yellow;">S</span> State <span style="color: purple;">D</span> Deprecated
	Usage: <span style="border: 1px solid black; padding: 0 2px;"> </span> M = Mandatory , R = Required , E = Recommended, or O = Optional
	Attributes: <span style="border: 1px solid black; padding: 0 2px;"> </span> N = Not Values, P = Pertinent Negatives , L = Nillable, C = Correlation ID, and/or U = UUID

## eInjury

1 : M	eInjury.01 - Cause of Injury	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid gray;">R</span>	<span style="border: 1px solid gray;">N, L</span>
1 : M	eInjury.03 - Trauma Center Criteria	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid gray;">R</span>	<span style="border: 1px solid gray;">N, L</span>
1 : M	eInjury.04 - Vehicular, Pedestrian, or Other Injury Risk Factor	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid gray;">R</span>	<span style="border: 1px solid gray;">N, L</span>

## 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 (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**

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

**Data Element Comment**

Suggested code list is represented in ICD-10-CM. Reference the NEMESIS Suggested Lists at:

<https://nemsis.org/technical-resources/version-3/version-3-resources/>

Code list is represented in ICD-10 Codes.

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

Product - UMLS Metathesaurus

**Associated Validation Rules**

Rule ID	Level	Message
âi_eInjury.01	Warning	Cause of Injury should be recorded when Incident/Patient Disposition is "Patient..." and Possible Injury is "Yes".
âi_eInjury.01	Warning	Cause of Injury should only be recorded when Possible Injury is "Yes".
âiNvPn_Nil_Nv	Error	When Cause of Injury is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Cause of Injury has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âiNvPn_Nv_only	Warning	When Cause of Injury has a Not Value, no other value should be recorded.

**eInjury.03 - Trauma Center Criteria**

**Definition**

Physiologic and Anatomic Field Trauma Triage Criteria (steps 1 and 2) as defined by the Centers for Disease Control.

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

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2903001	Amputation proximal to wrist or ankle
2903003	Crushed, degloved, mangled, or pulseless extremity
2903005	Chest wall instability or deformity (e.g., flail chest)
2903007	Glasgow Coma Score <= 13
2903009	Open or depressed skull fracture
2903011	Paralysis
2903013	Pelvic fractures
2903015	All penetrating injuries to head, neck, torso, and extremities proximal to elbow or knee
2903017	Respiratory Rate <10 or >29 breaths per minute (<20 in infants aged <1 year) or need for ventilatory support
2903019	Systolic Blood Pressure <90 mmHg
2903021	Two or more proximal long-bone fractures

**Data Element Comment**

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

**Version 3 Changes Implemented**

Added to better evaluate the CDC-ACS 2011 Guidelines for the Field Triage of Injured Patients.  
 Website: <http://www.cdc.gov/mmwr/pdf/rr/rr6101.pdf>

**Associated Validation Rules**

Rule ID	Level	Message
â\elnjury.03	Warning	Trauma Center Criteria should only be recorded when Possible Injury is "Yes".
â\NvPn_Nil_Nv	Error	When Trauma Center Criteria is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â\NvPn_Nv_Nil	Error	When Trauma Center Criteria has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â\vPn_Nv_only	Warning	When Trauma Center Criteria has a Not Value, no other value should be recorded.

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

**Definition**

Mechanism and Special Considerations Field Trauma Triage Criteria (steps 3 and 4) as defined by the Centers for Disease Control.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E10_04	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
2904001	Auto v. Pedestrian/Bicyclist Thrown, Run Over, or > 20 MPH Impact
2904003	Fall Adults: > 20 ft. (one story is equal to 10 ft.)
2904005	Fall Children: > 10 ft. or 2-3 times the height of the child
2904007	Crash Death in Same Passenger Compartment
2904009	Crash Ejection (partial or complete) from automobile
2904011	Crash Intrusion, including roof: > 12 in. occupant site; > 18 in. any site
2904013	Crash Vehicle Telemetry Data (AACN) Consistent with High Risk of Injury
2904015	Motorcycle Crash > 20 MPH
2904017	SBP < 110 for age > 65
2904019	Anticoagulants and Bleeding Disorders
2904021	Pregnancy > 20 weeks
2904023	EMS Provider Judgment
2904025	Burn, without other trauma
2904027	Burn, with trauma mechanism

**Data Element Comment**

Assesses mechanism of injury and evidence of high-energy impact (Step 3) AND Assess special patient or system considerations (Step 4) based on CDC 2011 Guidelines for the Field Triage of Injured Patients Step 3 and 4. Website: <http://www.cdc.gov/mmwr/pdf/rr/rr6101.pdf>

**Version 3 Changes Implemented**

Added to better evaluate the CDC-ACS 2011 Guidelines for the Field Triage of Injured Patients. Website: <https://www.cdc.gov/mmwr/preview/mmwrhtml/rr6101a1.htm>

**Associated Validation Rules**

Rule ID	Level	Message
â_eInjury.04	Warning	Vehicular, Pedestrian, or Other Injury Risk Factor should only be recorded when Possible Injury is "Yes".
âNvPn_Nil_Nv	Error	When Vehicular, Pedestrian, or Other Injury Risk Factor is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âNvPn_Nv_Nil	Error	When Vehicular, Pedestrian, or Other Injury Risk Factor has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âvPn_Nv_only	Warning	When Vehicular, Pedestrian, or Other Injury Risk Factor has a Not Value, no other value should be recorded.

# eArrest

<b>Legend</b>	Dataset Level: <span style="color: red;">N</span> National <span style="color: yellow;">S</span> State <span style="color: purple;">D</span> Deprecated
	Usage: <span style="border: 1px solid black; padding: 0 2px;">M</span> = Mandatory , <span style="border: 1px solid black; padding: 0 2px;">R</span> = Required , <span style="border: 1px solid black; padding: 0 2px;">E</span> = Recommended, or <span style="border: 1px solid black; padding: 0 2px;">O</span> = Optional
	Attributes: <span style="border: 1px solid black; padding: 0 2px;">N</span> = Not Values, <span style="border: 1px solid black; padding: 0 2px;">P</span> = Pertinent Negatives , <span style="border: 1px solid black; padding: 0 2px;">L</span> = Nillable, <span style="border: 1px solid black; padding: 0 2px;">C</span> = Correlation ID, and/or <span style="border: 1px solid black; padding: 0 2px;">U</span> = UUID

## eArrest

1 : 1	eArrest.01 - Cardiac Arrest	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : 1	eArrest.02 - Cardiac Arrest Etiology	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : M	eArrest.03 - Resuscitation Attempted By EMS	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : M	eArrest.04 - Arrest Witnessed By	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : 1	eArrest.05 - CPR Care Provided Prior to EMS Arrival	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : 1	eArrest.07 - AED Use Prior to EMS Arrival	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : M	eArrest.09 - Type of CPR Provided	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : 1	eArrest.11 - First Monitored Arrest Rhythm of the Patient	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : M	eArrest.12 - Any Return of Spontaneous Circulation	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : 1	eArrest.14 - Date/Time of Cardiac Arrest	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : 1	eArrest.16 - Reason CPR/Resuscitation Discontinued	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : M	eArrest.17 - Cardiac Rhythm on Arrival at Destination	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>
1 : 1	eArrest.18 - End of EMS Cardiac Arrest Event	<span style="color: red;">N</span>	<span style="color: yellow;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span> , <span style="border: 1px solid black; padding: 0 2px;">L</span>

## eArrest

**eArrest.01 - Cardiac Arrest**

**Definition**

Indication of the presence of a cardiac arrest at any time during this EMS event.

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

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

If this EMS event is for an interfacility transfer of a patient with a recent history of a cardiac arrest with ROSC, and who does not experience another cardiac arrest during transport, then do not document Cardiac Arrest (eArrest.01) with "Yes, Prior to EMS Arrival".

**Associated Validation Rules**

Rule ID	Level	Message
â_eArrest.02	Warning	Cardiac Arrest Etiology should be recorded when Cardiac Arrest is "Yes..."
â_eArrest.03	Warning	Resuscitation Attempted By EMS should be recorded when Cardiac Arrest is "Yes..."
â_eArrest.04	Warning	Arrest Witnessed By should be recorded when Cardiac Arrest is "Yes..."
â_eArrest.05	Warning	CPR Care Provided Prior to EMS Arrival should be recorded when Cardiac Arrest is "Yes, Prior to EMS Arrival".
â_eArrest.07	Warning	AED Use Prior to EMS Arrival should be recorded when Cardiac Arrest is "Yes, Prior to EMS Arrival".
â_eArrest.17	Warning	Cardiac Rhythm on Arrival at Destination should be recorded when Incident/Patient Disposition is "Patient Dead at Scene... (with Transport)" or "Patient Treated, Transported by this EMS Unit" and Cardiac Arrest is "Yes..."
â_eArrest.02	Warning	Cardiac Arrest Etiology should only be recorded when Cardiac Arrest is "Yes..."
â_eArrest.03	Warning	Resuscitation Attempted By EMS should only be recorded when Cardiac Arrest is "Yes..."
â_eArrest.04	Warning	Arrest Witnessed By should only be recorded when Cardiac Arrest is "Yes..."
â_eArrest.05	Warning	CPR Care Provided Prior to EMS Arrival should only be recorded when Cardiac Arrest is "Yes..."
â_eArrest.07	Warning	AED Use Prior to EMS Arrival should only be recorded when Cardiac Arrest is "Yes..."
â_eArrest.09	Warning	Type of CPR Provided should only be recorded when Cardiac Arrest is "Yes..."



- â!\_eArrest.12 **Warning** Any Return of Spontaneous Circulation should only be recorded when Cardiac Arrest is "Yes...".
- â!\_eArrest.14 **Warning** Date/Time of Cardiac Arrest should only be recorded when Cardiac Arrest is "Yes...".
- â!\_eArrest.16 **Warning** Reason CPR/Resuscitation Discontinued should only be recorded when Cardiac Arrest is "Yes...".
- â!\_eArrest.17 **Warning** Cardiac Rhythm on Arrival at Destination should only be recorded when Cardiac Arrest is "Yes...".
- â!\_eArrest.18 **Warning** End of EMS Cardiac Arrest Event should only be recorded when Cardiac Arrest is "Yes...".
- â!rdiacarrest **Warning** Hospital Capability should be recorded when Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Cardiac Arrest is "Yes...".
- â!NvPn\_Nil\_Nv **Error** When Cardiac Arrest is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
- â!NvPn\_Nv\_Nil **Error** When Cardiac Arrest has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eArrest.02 - Cardiac Arrest Etiology**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3002001	Cardiac (Presumed)
3002003	Drowning/Submersion
3002005	Drug Overdose
3002007	Electrocution
3002009	Exsanguination
3002011	Other
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>

**Associated Validation Rules**

Rule ID	Level	Message
â!_eArrest.02	Warning	Cardiac Arrest Etiology should be recorded when Cardiac Arrest is "Yes..."
â!_eArrest.02	Warning	Cardiac Arrest Etiology should only be recorded when Cardiac Arrest is "Yes..."
â!NvPn_Nil_Nv	Error	When Cardiac Arrest Etiology is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Cardiac Arrest Etiology has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eArrest.03 - Resuscitation Attempted By EMS**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â!_eArrest.03	Warning	Resuscitation Attempted By EMS should be recorded when Cardiac Arrest is "Yes..."
â!_eArrest.03	Warning	Resuscitation Attempted By EMS should only be recorded when Cardiac Arrest is "Yes..."
â!tempted_not	Warning	Resuscitation Attempted By EMS should not contain both "Attempted/Initiated..." and "Not Attempted..."
â!pressions_1	Warning	Type of CPR Provided should contain "Compressions..." when Resuscitation Attempted By EMS contains "Initiated Chest Compressions".
â!pressions_2	Warning	Resuscitation Attempted By EMS should contain "Initiated Chest Compressions" when Type of CPR Provided contains "Compressions..."
â!ntilation_1	Warning	Type of CPR Provided should contain "Ventilation..." or "Compressions-Intermittent with Ventilation" when Resuscitation Attempted By EMS contains "Attempted Ventilation".
â!ntilation_2	Warning	Resuscitation Attempted By EMS should contain "Attempted Ventilation" when Type of CPR Provided contains "Ventilation..." or "Compressions-Intermittent with Ventilation".
â!NvPn_Nil_Nv	Error	When Resuscitation Attempted By EMS is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Resuscitation Attempted By EMS has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

â\pN\_Nv\_only Warning When Resuscitation Attempted By EMS has a Not Value, no other value should be recorded.

**eArrest.04 - Arrest Witnessed By**

**Definition**

Indication of who the cardiac arrest was witnessed by.

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â _eArrest.04	Warning	Arrest Witnessed By should be recorded when Cardiac Arrest is "Yes..."
â _eArrest.04	Warning	Arrest Witnessed By should only be recorded when Cardiac Arrest is "Yes..."
â NvPn_Nil_Nv	Error	When Arrest Witnessed By is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â NvPn_Nv_Nil	Error	When Arrest Witnessed By has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â _eArrest.04	Warning	When Arrest Witnessed By is "Not Witnessed", no other value should be recorded.
â vPn_Nv_only	Warning	When Arrest Witnessed By has a Not Value, no other value should be recorded.

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

**Definition**

Documentation of the CPR provided prior to EMS arrival.

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â!_eArrest.05	Warning	CPR Care Provided Prior to EMS Arrival should be recorded when Cardiac Arrest is "Yes, Prior to EMS Arrival".
â!_eArrest.05	Warning	CPR Care Provided Prior to EMS Arrival should only be recorded when Cardiac Arrest is "Yes...".
â!NvPn_Nil_Nv	Error	When CPR Care Provided Prior to EMS Arrival is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When CPR Care Provided Prior to EMS Arrival has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

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

**Definition**

Documentation of AED use Prior to EMS arrival.

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â!_eArrest.07	Warning	AED Use Prior to EMS Arrival should be recorded when Cardiac Arrest is "Yes, Prior to EMS Arrival".
â!_eArrest.07	Warning	AED Use Prior to EMS Arrival should only be recorded when Cardiac Arrest is "Yes...".
â!NvPn_Nil_Nv	Error	When AED Use Prior to EMS Arrival is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When AED Use Prior to EMS Arrival has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eArrest.09 - Type of CPR Provided**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3009001	Compressions-Continuous
3009003	Compressions-External Band Type Device
3009005	Compressions-External Plunger Type Device
3009007	Compressions-External Thumper Type Device
3009009	Compressions-Intermittent with Ventilation
3009011	Compressions-Other Device
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.

**Associated Validation Rules**

Rule ID	Level	Message
âeArrest.09	Warning	Type of CPR Provided should only be recorded when Cardiac Arrest is "Yes..."
âpressions_1	Warning	Type of CPR Provided should contain "Compressions..." when Resuscitation Attempted By EMS contains "Initiated Chest Compressions".
âpressions_2	Warning	Resuscitation Attempted By EMS should contain "Initiated Chest Compressions" when Type of CPR Provided contains "Compressions..."
ântilation_1	Warning	Type of CPR Provided should contain "Ventilation..." or "Compressions-Intermittent with Ventilation" when Resuscitation Attempted By EMS contains "Attempted Ventilation".
ântilation_2	Warning	Resuscitation Attempted By EMS should contain "Attempted Ventilation" when Type of CPR Provided contains "Ventilation..." or "Compressions-Intermittent with Ventilation".
âNvPn_Nil_Nv	Error	When Type of CPR Provided is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âNvPn_Nv_Nil	Error	When Type of CPR Provided has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âvPn_Nv_only	Warning	When Type of CPR Provided has a Not Value, no other value should be recorded.



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

**Definition**

Documentation of what the first monitored arrest rhythm which was noted.

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

Added term "Arrest" to title to clarify this is the arrest rhythm  
 Values "Other" and "Normal Sinus Rhythm" removed since they are not Cardiac Arrest Rhythms.  
 Value "Ventricular Tachycardia" has been changed to "Ventricular Tachycardia-Pulseless".

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When First Monitored Arrest Rhythm of the Patient is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When First Monitored Arrest Rhythm of the Patient has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eArrest.12 - Any Return of Spontaneous Circulation**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

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

This element needs to be documented when the patient has been in cardiac arrest and transported to a healthcare facility to show the change in patient condition, if any.

Any ROSC is defined as any brief (approximately >30 seconds) restoration of spontaneous circulation that provides evidence of more than an occasional gasp, occasional fleeting palpable pulse, or arterial waveform.

**Associated Validation Rules**

Rule ID	Level	Message
â!_eArrest.12	Warning	Any Return of Spontaneous Circulation should only be recorded when Cardiac Arrest is "Yes...".
â!NvPn_Nil_Nv	Error	When Any Return of Spontaneous Circulation is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Any Return of Spontaneous Circulation has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!_eArrest.12	Warning	When Any Return of Spontaneous Circulation is "No", no other value should be recorded.
â!vPn_Nv_only	Warning	When Any Return of Spontaneous Circulation has a Not Value, no other value should be recorded.

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

**Pattern**

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

**Data Element Comment**

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

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

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

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

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

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

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

**Associated Validation Rules**

<b>Rule ID</b>	<b>Level</b>	<b>Message</b>
â!_eArrest.14	Warning	Date/Time of Cardiac Arrest should only be recorded when Cardiac Arrest is "Yes...".
â!NvPn_Nil_Nv	Error	When Date/Time of Cardiac Arrest is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Date/Time of Cardiac Arrest has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!_eArrest.14	Warning	Destination Patient Transfer of Care Date/Time should not be earlier than Date/Time of Cardiac Arrest.
â!_eArrest.14	Warning	Unit Back in Service Date/Time should not be earlier than Date/Time of Cardiac Arrest.

**eArrest.16 - Reason CPR/Resuscitation Discontinued**

**Definition**

The reason that CPR or the resuscitation efforts were discontinued.

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

Added Resuscitation to Title to allow better documentation of disposition.

**Associated Validation Rules**

Rule ID	Level	Message
â _eArrest.16	Warning	Reason CPR/Resuscitation Discontinued should only be recorded when Cardiac Arrest is "Yes...".
â _eArrest.16	Warning	Reason CPR/Resuscitation Discontinued should be recorded when Incident/Patient Disposition is "Patient Dead at Scene-Resuscitation Attempted..."
â NvPn_Nil_Nv	Error	When Reason CPR/Resuscitation Discontinued is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â NvPn_Nv_Nil	Error	When Reason CPR/Resuscitation Discontinued has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9901001	Agonal/Idioventricular
9901003	Asystole
9901005	Artifact
9901007	Atrial Fibrillation
9901009	Atrial Flutter
9901011	AV Block-1st Degree
9901013	AV Block-2nd Degree-Type 1
9901015	AV Block-2nd Degree-Type 2
9901017	AV Block-3rd Degree
9901019	Junctional
9901021	Left Bundle Branch Block
9901023	Non-STEMI Anterior Ischemia
9901025	Non-STEMI Inferior Ischemia
9901027	Non-STEMI Lateral Ischemia
9901029	Non-STEMI Posterior Ischemia
9901031	Other
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

#### Associated Validation Rules

Rule ID	Level	Message
â!_eArrest.17	Warning	Cardiac Rhythm on Arrival at Destination should be recorded when Incident/Patient Disposition is "Patient Dead at Scene... (with Transport)" or "Patient Treated, Transported by this EMS Unit" and Cardiac Arrest is "Yes...".
â!_eArrest.17	Warning	Cardiac Rhythm on Arrival at Destination should only be recorded when Cardiac Arrest is "Yes...".
â!NvPn_Nil_Nv	Error	When Cardiac Rhythm on Arrival at Destination is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Cardiac Rhythm on Arrival at Destination has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!vPn_Nv_only	Warning	When Cardiac Rhythm on Arrival at Destination has a Not Value, no other value should be recorded.

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Cardiac Arrest

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3018001	Expired in ED
3018003	Expired in the Field
3018005	Ongoing Resuscitation in ED
3018007	ROSC in the Field
3018009	ROSC in the ED
3018011	Ongoing Resuscitation by Other EMS

**Data Element Comment**

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

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

**Version 3 Changes Implemented**

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

**Associated Validation Rules**

Rule ID	Level	Message
â\`_eArrest.18	Warning	End of EMS Cardiac Arrest Event should only be recorded when Cardiac Arrest is "Yes...".
â\`NvPn_Nil_Nv	Error	When End of EMS Cardiac Arrest Event is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â\`NvPn_Nv_Nil	Error	When End of EMS Cardiac Arrest Event has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.



# eHistory

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

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

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

## eHistory

1 : M	eHistory.01 - Barriers to Patient Care	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid gray; padding: 2px;">R</span>	<span style="background-color: yellow; padding: 2px;">N, L</span>
1 : M	eHistory.17 - Alcohol/Drug Use Indicators	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid gray; padding: 2px;">R</span>	<span style="background-color: yellow; padding: 2px;">N, L, P</span>

## 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 (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3101001	Cultural, Custom, Religious
3101003	Developmentally Impaired
3101005	Hearing Impaired
3101007	Language
3101009	None Noted
3101011	Obesity
3101013	Physical Barrier (Unable to Access Patient)
3101015	Physically Impaired
3101017	Physically Restrained
3101019	Psychologically Impaired
3101021	Sight Impaired
3101023	Speech Impaired
3101025	Unattended or Unsupervised (including minors)
3101027	Unconscious
3101029	Uncooperative
3101031	State of Emotional Distress

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Barriers to Patient Care is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Barriers to Patient Care has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âieHistory.01	Warning	When Barriers to Patient Care is "None Noted", no other value should be recorded.
âiNvPn_Nv_only	Warning	When Barriers to Patient Care has a Not Value, no other value should be recorded.

**eHistory.17 - Alcohol/Drug Use Indicators**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

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

**Code List**

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

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Alcohol/Drug Use Indicators is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Alcohol/Drug Use Indicators has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_Nv_Not_Nil	Error	When Alcohol/Drug Use Indicators has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).
âivPn_Nv_only	Warning	When Alcohol/Drug Use Indicators has a Not Value, no other value should be recorded.
âivPn_Pn_only	Warning	When Alcohol/Drug Use Indicators has a Pertinent Negative, no other value should be recorded.

# eVitals

# Legend

Dataset Level: N National S State D Deprecated

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

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

## eVitals

1 : M	eVitals.VitalGroup				
1 : 1	eVitals.01 - Date/Time Vital Signs Taken	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L</span>
1 : 1	eVitals.02 - Obtained Prior to this Unit's EMS Care	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L</span>
1 : 1	eVitals.CardiacRhythmGroup				
1 : M	eVitals.03 - Cardiac Rhythm / Electrocardiography (ECG)	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : 1	eVitals.04 - ECG Type	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L</span>
1 : M	eVitals.05 - Method of ECG Interpretation	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L</span>
1 : 1	eVitals.BloodPressureGroup				
1 : 1	eVitals.06 - SBP (Systolic Blood Pressure)	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : 1	eVitals.08 - Method of Blood Pressure Measurement	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L</span>
1 : 1	eVitals.HeartRateGroup				
1 : 1	eVitals.10 - Heart Rate	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : 1	eVitals.12 - Pulse Oximetry	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : 1	eVitals.14 - Respiratory Rate	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : 1	eVitals.16 - End Tidal Carbon Dioxide (ETCO2)	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : 1	eVitals.18 - Blood Glucose Level	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : 1	eVitals.GlasgowScoreGroup				
1 : 1	eVitals.19 - Glasgow Coma Score-Eye	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : 1	eVitals.20 - Glasgow Coma Score-Verbal	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : 1	eVitals.21 - Glasgow Coma Score-Motor	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : M	eVitals.22 - Glasgow Coma Score-Qualifier	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L</span>
1 : 1	eVitals.26 - Level of Responsiveness (AVPU)	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L</span>
1 : 1	eVitals.PainScaleGroup				
1 : 1	eVitals.27 - Pain Scale Score	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : 1	eVitals.StrokeScaleGroup				
1 : 1	eVitals.29 - Stroke Scale Score	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>
1 : 1	eVitals.30 - Stroke Scale Type	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L</span>
1 : 1	eVitals.31 - Reperfusion Checklist	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; padding: 2px;">S</span>	<span style="border: 1px solid black; padding: 2px;">R</span>	<span style="border: 1px solid black; padding: 2px;">N, L, P</span>

## eVitals

**eVitals.01 - Date/Time Vital Signs Taken**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

**Pattern**

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

**Data Element Comment**

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

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

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

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

**Associated Validation Rules**

Rule ID	Level	Message
â\NvPn_Nil_Nv	<b>Error</b>	When Date/Time Vital Signs Taken is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).

â!NvPn_Nv_Nil	<b>Error</b>	When Date/Time Vital Signs Taken has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!_eVitals.01	<b>Warning</b>	Date/Time Vital Signs Taken should be recorded, unless Obtained Prior to this Unit's EMS Care is "Yes".
â!r_eTimes.03	<b>Warning</b>	Date/Time Vital Signs Taken should not be earlier than Unit Notified by Dispatch Date/Time, unless Obtained Prior to this Unit's EMS Care is "Yes".
â!r_eTimes.07	<b>Warning</b>	Date/Time Vital Signs Taken should not be earlier than Arrived at Patient Date/Time, unless Obtained Prior to this Unit's EMS Care is "Yes".
â!e_eTimes.12	<b>Warning</b>	Date/Time Vital Signs Taken should not be later than Destination Patient Transfer of Care Date/Time.
â!e_eTimes.13	<b>Warning</b>	Date/Time Vital Signs Taken should not be later than Unit Back in Service Date/Time.
â!e_eTimes.07	<b>Warning</b>	Date/Time Vital Signs Taken should not be later than Arrived at Patient Date/Time when Obtained Prior to this Unit's EMS Care is "Yes".



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

**Definition**

Indicates that the information which is documented was obtained prior to the documenting EMS unit's care.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Obtained Prior to this Unit's EMS Care is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Obtained Prior to this Unit's EMS Care has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_eVitals.01	Warning	Date/Time Vital Signs Taken should be recorded, unless Obtained Prior to this Unit's EMS Care is "Yes".
âi_r_eTimes.03	Warning	Date/Time Vital Signs Taken should not be earlier than Unit Notified by Dispatch Date/Time, unless Obtained Prior to this Unit's EMS Care is "Yes".
âi_r_eTimes.07	Warning	Date/Time Vital Signs Taken should not be earlier than Arrived at Patient Date/Time, unless Obtained Prior to this Unit's EMS Care is "Yes".
âi_e_eTimes.12	Warning	Date/Time Vital Signs Taken should not be later than Destination Patient Transfer of Care Date/Time.
âi_e_eTimes.13	Warning	Date/Time Vital Signs Taken should not be later than Unit Back in Service Date/Time.
âi_e_eTimes.07	Warning	Date/Time Vital Signs Taken should not be later than Arrived at Patient Date/Time when Obtained Prior to this Unit's EMS Care is "Yes".

**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**

<b>NOT Values (NV)</b>	
7701001 - Not Applicable	7701003 - Not Recorded
<b>Pertinent Negatives (PN)</b>	
8801019 - Refused	8801023 - Unable to Complete

**Code List**

Code	Description
9901001	Agonal/Idioventricular
9901003	Asystole
9901005	Artifact
9901007	Atrial Fibrillation
9901009	Atrial Flutter
9901011	AV Block-1st Degree
9901013	AV Block-2nd Degree-Type 1
9901015	AV Block-2nd Degree-Type 2
9901017	AV Block-3rd Degree
9901019	Junctional
9901021	Left Bundle Branch Block
9901023	Non-STEMI Anterior Ischemia
9901025	Non-STEMI Inferior Ischemia
9901027	Non-STEMI Lateral Ischemia
9901029	Non-STEMI Posterior Ischemia
9901031	Other
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**

## Associated Validation Rules

Rule ID	Level	Message
âion.23_stemi	Warning	Hospital Capability should be recorded when Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Cardiac Rhythm / Electrocardiography (ECG) is "STEMI...".
âiNvPn_Nil_Nv	Error	When Cardiac Rhythm / Electrocardiography (ECG) is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Cardiac Rhythm / Electrocardiography (ECG) has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_Nv_Not_Nil	Error	When Cardiac Rhythm / Electrocardiography (ECG) has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).
âivPn_Nv_only	Warning	When Cardiac Rhythm / Electrocardiography (ECG) has a Not Value, no other value should be recorded.
âivPn_Pn_only	Warning	When Cardiac Rhythm / Electrocardiography (ECG) has a Pertinent Negative, no other value should be recorded.

**eVitals.04 - ECG Type**

**Definition**

The type of ECG associated with the cardiac rhythm.

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

**Associated Performance Measure Initiatives**

STEMI

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

**Version 3 Changes Implemented**

Added to better document ECG results.

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	<b>Error</b>	When ECG Type is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	<b>Error</b>	When ECG Type has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eVitals.05 - Method of ECG Interpretation**

**Definition**

The method of ECG interpretation.

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

**Associated Performance Measure Initiatives**

STEMI

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

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

**Version 3 Changes Implemented**

Added to better document ECG results.

**Associated Validation Rules**

Rule ID	Level	Message
â\u0304NvPn_Nil_Nv	Error	When Method of ECG Interpretation is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â\u0304NvPn_Nv_Nil	Error	When Method of ECG Interpretation has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â\u0304vPn_Nv_only	Warning	When Method of ECG Interpretation has a Not Value, no other value should be recorded.

**eVitals.06 - SBP (Systolic Blood Pressure)**

**Definition**

The patient's systolic blood pressure.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

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

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	500

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When SBP (Systolic Blood Pressure) is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When SBP (Systolic Blood Pressure) has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!_Nv_Not_Nil	Error	When SBP (Systolic Blood Pressure) has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

**eVitals.08 - Method of Blood Pressure Measurement**

**Definition**

Indication of method of blood pressure measurement.

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Method of Blood Pressure Measurement is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Method of Blood Pressure Measurement has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eVitals.10 - Heart Rate**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

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

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	500

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When Heart Rate is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Heart Rate has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!_Nv_Not_Nil	Error	When Heart Rate has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).



**eVitals.12 - Pulse Oximetry**

**Definition**

The patient's oxygen saturation.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

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

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	100

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPh_Nil_Nv	Error	When Pulse Oximetry is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPh_Nv_Nil	Error	When Pulse Oximetry has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_Nv_Not_Nil	Error	When Pulse Oximetry has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

**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**

<b>NOT Values (NV)</b>		
7701001 - Not Applicable	7701003 - Not Recorded	
<b>Pertinent Negatives (PN)</b>		
8801005 - Exam Finding Not Present	8801019 - Refused	8801023 - Unable to Complete

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
integer	0	300

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Respiratory Rate is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Respiratory Rate has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_Nv_Not_Nil	Error	When Respiratory Rate has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

**eVitals.16 - End Tidal Carbon Dioxide (ETCO2)**

**Definition**

The numeric value of the patient's exhaled end tidal carbon dioxide (ETCO2) level measured as a unit of pressure in millimeters of mercury (mmHg).

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

<b>NOT Values (NV)</b>	
7701001 - Not Applicable	7701003 - Not Recorded
<b>Pertinent Negatives (PN)</b>	
8801019 - Refused	8801023 - Unable to Complete

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
integer	0	200

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When End Tidal Carbon Dioxide (ETCO2) is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When End Tidal Carbon Dioxide (ETCO2) has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_Nv_Not_Nil	Error	When End Tidal Carbon Dioxide (ETCO2) has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

**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**

<b>NOT Values (NV)</b>	
7701001 - Not Applicable	7701003 - Not Recorded
<b>Pertinent Negatives (PN)</b>	
8801019 - Refused	8801023 - Unable to Complete

**Constraints**

<b>Data Type</b>	<b>minInclusive</b>	<b>maxInclusive</b>
integer	0	2000

**Data Element Comment**

For glucometers with "High" and "Low" readings, report "600" for "High" and "20" for "Low".

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When Blood Glucose Level is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Blood Glucose Level has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!_Nv_Not_Nil	Error	When Blood Glucose Level has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

**eVitals.19 - Glasgow Coma Score-Eye**

**Definition**

The patient's Glasgow Coma Score Eye opening response.

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**

<b>NOT Values (NV)</b>	
7701001 - Not Applicable	7701003 - Not Recorded
<b>Pertinent Negatives (PN)</b>	
8801019 - Refused	8801023 - Unable to Complete

**Code List**

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	<b>Error</b>	When Glasgow Coma Score-Eye is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	<b>Error</b>	When Glasgow Coma Score-Eye has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_Nv_Not_Nil	<b>Error</b>	When Glasgow Coma Score-Eye has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

**eVitals.20 - Glasgow Coma Score-Verbal**

**Definition**

The patient's Glasgow Coma Score Verbal response.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**  
 8801019 - Refused                                  8801023 - Unable to Complete

**Code List**

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Glasgow Coma Score-Verbal is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Glasgow Coma Score-Verbal has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_Nv_Not_Nil	Error	When Glasgow Coma Score-Verbal has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

**eVitals.21 - Glasgow Coma Score-Motor**

**Definition**

The patient's Glasgow Coma Score Motor response.

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**

<b>NOT Values (NV)</b>	
7701001 - Not Applicable	7701003 - Not Recorded
<b>Pertinent Negatives (PN)</b>	
8801019 - Refused	8801023 - Unable to Complete

**Code List**

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	<b>Error</b>	When Glasgow Coma Score-Motor is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	<b>Error</b>	When Glasgow Coma Score-Motor has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!_Nv_Not_Nil	<b>Error</b>	When Glasgow Coma Score-Motor has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

**eVitals.22 - Glasgow Coma Score-Qualifier**

**Definition**

Documentation of factors which make the GCS score more meaningful.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Glasgow Coma Score-Qualifier is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Glasgow Coma Score-Qualifier has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_eVitals.22	Warning	When Glasgow Coma Score-Qualifier is "Initial GCS has legitimate values without interventions such as intubation and sedation", no other value should be recorded.
âivPn_Nv_only	Warning	When Glasgow Coma Score-Qualifier has a Not Value, no other value should be recorded.



**eVitals.26 - Level of Responsiveness (AVPU)**

**Definition**

The patient's highest level of responsiveness.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3326001	Alert
3326003	Verbal
3326005	Painful
3326007	Unresponsive

**Data Element Comment**

Definition changed to indicate highest level of responsiveness.

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Level of Responsiveness (AVPU) is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Level of Responsiveness (AVPU) has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eVitals.27 - Pain Scale Score**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Pediatric    STEMI    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded  
**Pertinent Negatives (PN)**  
 8801019 - Refused                                      8801023 - Unable to Complete

**Constraints**

Data Type	minInclusive	maxInclusive
integer	0	10

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Pain Scale Score is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Pain Scale Score has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_Nv_Not_Nil	Error	When Pain Scale Score has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

**eVitals.29 - Stroke Scale Score**

**Definition**

The findings or results of the Stroke Scale Type (eVitals.30) used to assess the patient exhibiting stroke-like symptoms.

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

**Associated Performance Measure Initiatives**

Stroke

**Attributes**

<b>NOT Values (NV)</b>	
7701001 - Not Applicable	7701003 - Not Recorded
<b>Pertinent Negatives (PN)</b>	
8801019 - Refused	8801023 - Unable to Complete

**Code List**

Code	Description
3329001	Negative
3329003	Non-Conclusive
3329005	Positive

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
â'n.23_stroke	Warning	Hospital Capability should be recorded when Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Stroke Scale Score is "Positive".
âiNvPn_Nil_Nv	Error	When Stroke Scale Score is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Stroke Scale Score has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âi_Nv_Not_Nil	Error	When Stroke Scale Score has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

**eVitals.30 - Stroke Scale Type**

**Definition**

The type of stroke scale used.

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

**Associated Performance Measure Initiatives**

Stroke

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3330001	Cincinnati
3330003	Los Angeles
3330005	Massachusetts
3330007	Miami Emergency Neurologic Deficit (MEND)
3330009	NIH
3330011	Other Stroke Scale Type
3330013	F.A.S.T. Exam

**Data Element Comment**

**Version 3 Changes Implemented**

Added to include additional detail on the stroke scale used.

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Stroke Scale Type is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Stroke Scale Type has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eVitals.31 - Reperfusion Checklist**

**Definition**

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

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

**Associated Performance Measure Initiatives**

STEMI    Stroke

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**  
 8801019 - Refused                                      8801023 - Unable to Complete

**Code List**

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

**Data Element Comment**

Name changed from Thrombolytic Screen

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	<b>Error</b>	When Reperfusion Checklist is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	<b>Error</b>	When Reperfusion Checklist has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!_Nv_Not_Nil	<b>Error</b>	When Reperfusion Checklist has a Pertinent Negative, it should be empty and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

# eProtocols

<b>Legend</b>	Dataset Level: <span style="color: red;">N</span> National <span style="color: yellow;">S</span> State <span style="color: purple;">D</span> Deprecated
	Usage: <span style="border: 1px solid black; padding: 0 2px;"> </span> M = Mandatory , R = Required , E = Recommended, or O = Optional
	Attributes: <span style="border: 1px solid black; padding: 0 2px;"> </span> N = Not Values, P = Pertinent Negatives , L = Nillable, C = Correlation ID, and/or U = UUID

## eProtocols

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

## eProtocols

**eProtocols.01 - Protocols Used**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

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



9914085 Injury-Burns-Thermal  
9914087 Injury-Cardiac Arrest  
9914089 Injury-Crush Syndrome  
9914091 Injury-Diving Emergencies  
9914093 Injury-Drowning/Near Drowning  
9914095 Injury-Electrical Injuries  
9914097 Injury-Extremity  
9914099 Injury-Eye  
9914101 Injury-Head  
9914103 Injury-Impaled Object  
9914105 Injury-Multisystem  
9914107 Injury-Spinal Cord  
9914109 Medical-Abdominal Pain  
9914111 Medical-Allergic Reaction/Anaphylaxis  
9914113 Medical-Altered Mental Status  
9914115 Medical-Bradycardia  
9914117 Medical-Cardiac Chest Pain  
9914119 Medical-Diarrhea  
9914121 Medical-Hyperglycemia  
9914123 Medical-Hypertension  
9914125 Medical-Hypoglycemia/Diabetic Emergency  
9914127 Medical-Hypotension/Shock (Non-Trauma)  
9914129 Medical-Influenza-Like Illness/ Upper Respiratory Infection  
9914131 Medical-Nausea/Vomiting  
9914133 Medical-Newborn/ Neonatal Resuscitation  
9914135 General-Overdose/Poisoning/Toxic Ingestion  
9914137 Medical-Pulmonary Edema/CHF  
9914139 Medical-Respiratory Distress/Asthma/COPD/Reactive Airway  
9914141 Medical-Seizure  
9914143 Medical-ST-Elevation Myocardial Infarction (STEMI)  
9914145 Medical-Stroke/TIA  
9914147 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)  
9914149 Medical-Syncope  
9914151 Medical-Ventricular Tachycardia (With Pulse)  
9914153 Not Done  
9914155 OB/GYN-Childbirth/Labor/Delivery  
9914157 OB/GYN-Eclampsia  
9914159 OB/GYN-Gynecologic Emergencies  
9914161 OB/GYN-Pregnancy Related Emergencies  
9914163 OB/GYN-Post-partum Hemorrhage  
9914165 Other  
9914167 Exposure-Carbon Monoxide  
9914169 Cardiac Arrest-Do Not Resuscitate  
9914171 Cardiac Arrest-Special Resuscitation Orders  
9914173 Exposure-Smoke Inhalation  
9914175 General-Community Paramedicine / Mobile Integrated Healthcare  
9914177 General-Exception Protocol  
9914179 General-Extended Care Guidelines  
9914181 General-Interfacility Transfers  
9914183 General-Law Enforcement - Blood for Legal Purposes  
9914185 General-Law Enforcement - Assist with Law Enforcement Activity  
9914187 General-Neglect or Abuse Suspected  
9914189 General-Refusal of Care  
9914191 Injury-Mass/Multiple Casualties  
9914193 Injury-Thoracic  
9914195 Medical-Adrenal Insufficiency  
9914197 Medical-Apparent Life Threatening Event (ALTE)  
9914199 Medical-Tachycardia  
9914201 Cardiac Arrest-Determination of Death / Withholding Resuscitative Efforts  
9914203 Injury-Conducted Electrical Weapon (e.g., Taser)  
9914205 Injury-Facial Trauma  
9914207 Injury-General Trauma Management  
9914209 Injury-Lightning/Lightning Strike  
9914211 Injury-SCUBA Injury/Accidents  
9914213 Injury-Topical Chemical Burn  
9914215 Medical-Beta Blocker Poisoning/Overdose  
9914217 Medical-Calcium Channel Blocker Poisoning/Overdose  
9914219 Medical-Opioid Poisoning/Overdose  
9914221 Medical-Respiratory Distress-Bronchiolitis

### 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

### Associated Validation Rules

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Protocols Used is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Protocols Used has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eProtocols.02 - Protocol Age Category**

**Definition**

The age group the protocol is written to address

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3602001	Adult Only
3602003	General
3602005	Pediatric Only

**Data Element Comment**

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

**Version 3 Changes Implemented**

Added to better document protocol use.

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When Protocol Age Category is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Protocol Age Category has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

# eMedications

**Legend**

Dataset Level: N National S State D Deprecated

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

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

**eMedications**

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

**eMedications**

**eMedications.01 - Date/Time Medication Administered**

**Definition**

The date/time medication administered to the patient.

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

**Associated Performance Measure Initiatives**

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable 7701003 - Not Recorded

**Constraints**

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

**Pattern**

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

**Data Element Comment**

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

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

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

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

**Associated Validation Rules**

Rule ID	Level	Message
eMedications.01	Warning	Date/Time Medication Administered should be recorded, unless Medication Administered Prior to this Unit's EMS Care is "Yes".
eMedications.01.NV	Error	When Date/Time Medication Administered is empty, it should have a Not Value (Not Applicable,

Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).

- â!NvPn\_Nv\_Nil **Error** When Date/Time Medication Administered has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
- â!r\_eTimes.03 **Warning** Date/Time Medication Administered should not be earlier than Unit Notified by Dispatch Date/Time, unless Medication Administered Prior to this Unit's EMS Care is "Yes".
- â!r\_eTimes.07 **Warning** Date/Time Medication Administered should not be earlier than Arrived at Patient Date/Time, unless Medication Administered Prior to this Unit's EMS Care is "Yes".
- â!e\_eTimes.12 **Warning** Date/Time Medication Administered should not be later than Destination Patient Transfer of Care Date/Time.
- â!e\_eTimes.13 **Warning** Date/Time Medication Administered should not be later than Unit Back in Service Date/Time.
- â!e\_eTimes.07 **Warning** Date/Time Medication Administered should not be later than Arrived at Patient Date/Time when Medication Administered Prior to this Unit's EMS Care is "Yes".

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

**Definition**

Indicates that the medication administration which is documented was administered prior to this EMS unit's care.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âlications.01	Warning	Date/Time Medication Administered should be recorded, unless Medication Administered Prior to this Unit's EMS Care is "Yes".
âiNvPn_Nil_Nv	Error	When Medication Administered Prior to this Unit's EMS Care is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Medication Administered Prior to this Unit's EMS Care has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âr_eTimes.03	Warning	Date/Time Medication Administered should not be earlier than Unit Notified by Dispatch Date/Time, unless Medication Administered Prior to this Unit's EMS Care is "Yes".
âr_eTimes.07	Warning	Date/Time Medication Administered should not be earlier than Arrived at Patient Date/Time, unless Medication Administered Prior to this Unit's EMS Care is "Yes".
âe_eTimes.12	Warning	Date/Time Medication Administered should not be later than Destination Patient Transfer of Care Date/Time.
âe_eTimes.13	Warning	Date/Time Medication Administered should not be later than Unit Back in Service Date/Time.
âe_eTimes.07	Warning	Date/Time Medication Administered should not be later than Arrived at Patient Date/Time when Medication Administered Prior to this Unit's EMS Care is "Yes".



**eMedications.03 - Medication Given**

**Definition**

The medication given to the patient

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

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

**Constraints**

Data Type	minLength	maxLength
string	2	7

**Data Element Comment**

List of medications based on RxNorm (RXCU) codes.

Reference the NEMESIS Suggested Lists at: <https://nemsis.org/technical-resources/version-3/version-3-resources/>

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

**Associated Validation Rules**

Rule ID	Level	Message
â¦ications.03	Warning	Medication Given should be recorded when a medication is administered.
â¦NvPn_Nil_Nv	Error	When Medication Given is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â¦NvPn_Nv_Nil	Error	When Medication Given has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â¦ications.03	Error	When Medication Given has a Pertinent Negative, it should have a value and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).

**eMedications.05 - Medication Dosage**

**Definition**

The dose or amount of the medication administered to the patient.

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

<b>Data Type</b>	<b>totalDigits</b>	<b>fractionDigits</b>
decimal	9	3

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
â¦ications.06	Warning	Medication Dosage Units should be recorded when Medication Dosage is recorded.
â¦NvPn_Nil_Nv	Error	When Medication Dosage is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â¦NvPn_Nv_Nil	Error	When Medication Dosage has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eMedications.06 - Medication Dosage Units**

**Definition**

The unit of medication dosage administered to patient.

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3706001	Grams (gms)
3706003	Inches (in)
3706005	International Units (IU)
3706007	Keep Vein Open (kvo)
3706009	Liters (l)
3706011	Liters Per Minute (l/min [fluid])
3706013	Metered Dose (MDI)
3706015	Micrograms (mcg)
3706017	Micrograms per Kilogram per Minute (mcg/kg/min)
3706019	Milliequivalents (mEq)
3706021	Milligrams (mg)
3706023	Milligrams per Kilogram Per Minute (mg/kg/min)
3706025	Milliliters (ml)
3706027	Milliliters per Hour (ml/hr)
3706029	Other
3706031	Centimeters (cm)
3706033	Drops (gtts)
3706035	Liters Per Minute (LPM [gas])
3706037	Micrograms per Minute (mcg/min)
3706039	Milligrams per Kilogram (mg/kg)
3706041	Milligrams per Minute (mg/min)
3706043	Puffs
3706045	Units per Hour (units/hr)
3706047	Micrograms per Kilogram (mcg/kg)
3706049	Units
3706051	Units per Kilogram per Hour (units/kg/hr)
3706053	Units per Kilogram (units/kg)

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
eMedications.06	Warning	Medication Dosage Units should be recorded when Medication Dosage is recorded.
eMedications.06	Error	When Medication Dosage Units is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
eMedications.06	Error	When Medication Dosage Units has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eMedications.07 - Response to Medication**

**Definition**

The patient's response to the medication.

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When Response to Medication is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Response to Medication has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eMedications.08 - Medication Complication**

**Definition**

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

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3708001	Altered Mental Status
3708003	Apnea
3708005	Bleeding
3708007	Bradycardia
3708009	Bradypnea
3708011	Diarrhea
3708013	Extravasation
3708015	Hypertension
3708017	Hyperthermia
3708019	Hypotension
3708021	Hypothermia
3708023	Hypoxia
3708025	Injury
3708029	Nausea
3708031	None
3708033	Other
3708035	Respiratory Distress
3708037	Tachycardia
3708039	Tachypnea
3708041	Vomiting
3708043	Itching
3708045	Urticaria

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Medication Complication is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Medication Complication has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âiications.08	Warning	When Medication Complication is "None", no other value should be recorded.
âivPn_Nv_only	Warning	When Medication Complication has a Not Value, no other value should be recorded.

**eMedications.10 - Role/Type of Person Administering Medication**

**Definition**

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

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9905001	2009 Advanced Emergency Medical Technician (AEMT)
9905003	2009 Emergency Medical Responder (EMR)
9905005	2009 Emergency Medical Technician (EMT)
9905007	2009 Paramedic
9905009	EMT-Basic
9905011	EMT-Intermediate
9905013	EMT-Paramedic
9905015	First Responder
9905019	Other Healthcare Professional
9905021	Other Non-Healthcare Professional
9905023	Patient/Lay Person
9905025	Physician
9905027	Respiratory Therapist
9905029	Student
9905031	Critical Care Paramedic
9905033	Community Paramedicine
9905035	Nurse Practitioner
9905037	Physician Assistant
9905039	Licensed Practical Nurse (LPN)
9905041	Registered Nurse

**Data Element Comment**

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

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

**Version 3 Changes Implemented**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Role/Type of Person Administering Medication is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Role/Type of Person Administering Medication has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

# eProcedures

**Legend**

Dataset Level: N National S State D Deprecated

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

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

**eProcedures**

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

**eProcedures**



**eProcedures.01 - Date/Time Procedure Performed**

**Definition**

The date/time the procedure was performed on the patient.

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

**Associated Performance Measure Initiatives**

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable 7701003 - Not Recorded

**Constraints**

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

**Pattern**

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

**Data Element Comment**

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

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

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

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

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When Date/Time Procedure Performed is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).

- â!NvPn\_Nv\_Nil **Error** When Date/Time Procedure Performed has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
- â!ocedures.01 **Warning** Date/Time Procedure Performed should be recorded, unless Procedure Performed Prior to this Unit's EMS Care is "Yes".
- â!r\_eTimes.03 **Warning** Date/Time Procedure Performed should not be earlier than Unit Notified by Dispatch Date/Time, unless Procedure Performed Prior to this Unit's EMS Care is "Yes".
- â!r\_eTimes.07 **Warning** Date/Time Procedure Performed should not be earlier than Arrived at Patient Date/Time, unless Procedure Performed Prior to this Unit's EMS Care is "Yes".
- â!e\_eTimes.12 **Warning** Date/Time Procedure Performed should not be later than Destination Patient Transfer of Care Date/Time.
- â!e\_eTimes.13 **Warning** Date/Time Procedure Performed should not be later than Unit Back in Service Date/Time.
- â!e\_eTimes.07 **Warning** Date/Time Procedure Performed should not be later than Arrived at Patient Date/Time when Procedure Performed Prior to this Unit's EMS Care is "Yes".

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

**Definition**

Indicates that the procedure which was performed and documented was performed prior to this EMS unit's care.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Procedure Performed Prior to this Unit's EMS Care is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Procedure Performed Prior to this Unit's EMS Care has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âiocedures.01	Warning	Date/Time Procedure Performed should be recorded, unless Procedure Performed Prior to this Unit's EMS Care is "Yes".
âir_eTimes.03	Warning	Date/Time Procedure Performed should not be earlier than Unit Notified by Dispatch Date/Time, unless Procedure Performed Prior to this Unit's EMS Care is "Yes".
âir_eTimes.07	Warning	Date/Time Procedure Performed should not be earlier than Arrived at Patient Date/Time, unless Procedure Performed Prior to this Unit's EMS Care is "Yes".
âie_eTimes.12	Warning	Date/Time Procedure Performed should not be later than Destination Patient Transfer of Care Date/Time.
âie_eTimes.13	Warning	Date/Time Procedure Performed should not be later than Unit Back in Service Date/Time.
âie_eTimes.07	Warning	Date/Time Procedure Performed should not be later than Arrived at Patient Date/Time when Procedure Performed Prior to this Unit's EMS Care is "Yes".

**eProcedures.03 - Procedure**

**Definition**

The procedure performed on the patient.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Pertinent Negatives (PN)**

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

**Constraints**

<b>Data Type</b>	<b>maxInclusive</b>	<b>minInclusive</b>
integer	999999999999999	100000

**Data Element Comment**

Procedures which are recorded as a Vital Sign do not have to be documented in the Procedure Section. Code list is represented in SNOMEDCT. Reference the NEMESIS Suggested Lists at: <https://nemsis.org/technical-resources/version-3/version-3-resources/>

**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

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Procedure is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Procedure has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âocedures.03	Error	When Procedure has a Pertinent Negative, it should have a value and it should not have a Not Value (Not Applicable, Not Recorded, or Not Reporting).
âocedures.03	Warning	Procedure should be recorded when a procedure is performed.

**eProcedures.05 - Number of Procedure Attempts**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

Data Type	minInclusive	maxInclusive
integer	1	10

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Number of Procedure Attempts is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Number of Procedure Attempts has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eProcedures.06 - Procedure Successful**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Procedure Successful is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Procedure Successful has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eProcedures.07 - Procedure Complication**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway Pediatric Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
3907001	Altered Mental Status
3907003	Apnea
3907005	Bleeding
3907007	Bradypnea
3907009	Diarrhea
3907011	Esophageal Intubation-immediately
3907013	Esophageal Intubation-other
3907015	Extravasation
3907017	Hypertension
3907019	Hyperthermia
3907021	Hypotension
3907023	Hypothermia
3907025	Hypoxia
3907027	Injury
3907031	Nausea
3907033	None
3907035	Other
3907039	Respiratory Distress
3907041	Tachycardia
3907043	Tachypnea
3907045	Vomiting
3907047	Bradycardia
3907049	Itching
3907051	Urticaria

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Procedure Complication is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Procedure Complication has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âiocedures.07	Warning	When Procedure Complication is "None", no other value should be recorded.
âivPn_Nv_only	Warning	When Procedure Complication has a Not Value, no other value should be recorded.





**eProcedures.08 - Response to Procedure**

**Definition**

The patient's response to the procedure.

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
â!NvPn_Nil_Nv	Error	When Response to Procedure is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Response to Procedure has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

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

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9905001	2009 Advanced Emergency Medical Technician (AEMT)
9905003	2009 Emergency Medical Responder (EMR)
9905005	2009 Emergency Medical Technician (EMT)
9905007	2009 Paramedic
9905009	EMT-Basic
9905011	EMT-Intermediate
9905013	EMT-Paramedic
9905015	First Responder
9905019	Other Healthcare Professional
9905021	Other Non-Healthcare Professional
9905023	Patient/Lay Person
9905025	Physician
9905027	Respiratory Therapist
9905029	Student
9905031	Critical Care Paramedic
9905033	Community Paramedicine
9905035	Nurse Practitioner
9905037	Physician Assistant
9905039	Licensed Practical Nurse (LPN)
9905041	Registered Nurse

**Data Element Comment**

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

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

**Version 3 Changes Implemented**

Added to document the type of healthcare professional performing the procedure.

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Role/Type of Person Performing the Procedure is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Role/Type of Person Performing the Procedure has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.



# eDisposition

## Legend

Dataset Level: N National S State D Deprecated

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

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

## eDisposition

1 : 1	eDisposition.DestinationGroup				
1 : 1	eDisposition.05 - Destination State	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eDisposition.06 - Destination County	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eDisposition.07 - Destination ZIP Code	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eDisposition.12 - Incident/Patient Disposition	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">M</span>	
1 : 1	eDisposition.16 - EMS Transport Method	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eDisposition.17 - Transport Mode from Scene	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	eDisposition.18 - Additional Transport Mode Descriptors	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eDisposition.19 - Final Patient Acuity	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	eDisposition.20 - Reason for Choosing Destination	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eDisposition.21 - Type of Destination	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eDisposition.22 - Hospital In-Patient Destination	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eDisposition.23 - Hospital Capability	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : M	eDisposition.HospitalTeamActivationGroup				
1 : 1	eDisposition.24 - Destination Team Pre-Arrival Alert or Activation	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>
1 : 1	eDisposition.25 - Date/Time of Destination Prearrival Alert or Activation	<span style="color: red;">N</span>	<span style="color: orange;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">R</span>	<span style="border: 1px solid black; padding: 0 2px;">N, L</span>

## eDisposition

**eDisposition.05 - Destination State**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**

[0-9]{2}

**Data Element Comment**

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

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

**Associated Validation Rules**

Rule ID	Level	Message
â\position.05	Warning	Destination County should belong within the Destination State.
â\position.05	Warning	Destination State should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
â\NvPn_Nil_Nv	Error	When Destination State is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â\NvPn_Nv_Nil	Error	When Destination State has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eDisposition.06 - Destination County**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

**Pattern**  
 [0-9]{5}

**Data Element Comment**

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

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

**Associated Validation Rules**

Rule ID	Level	Message
âiposition.05	Warning	Destination County should belong within the Destination State.
âiposition.06	Warning	Destination County should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiNvPn_Nil_Nv	Error	When Destination County is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Destination County has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eDisposition.07 - Destination ZIP Code**

**Definition**

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

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

**Data Element Comment**

May be auto-populated if list created in dFacility.10 (Facility ZIP Code).

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

**Associated Validation Rules**

Rule ID	Level	Message
â\position.07	Warning	Destination ZIP Code should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
â\NvPn_Nil_Nv	Error	When Destination ZIP Code is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â\NvPn_Nv_Nil	Error	When Destination ZIP Code has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.



**eDisposition.12 - Incident/Patient Disposition**

**Definition**

Type of disposition treatment and/or transport of the patient by this EMS Unit.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E20_10	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Code List**

Code	Description
4212001	Assist, Agency
4212003	Assist, Public
4212005	Assist, Unit
4212007	Canceled (Prior to Arrival At Scene)
4212009	Canceled on Scene (No Patient Contact)
4212011	Canceled on Scene (No Patient Found)
4212013	Patient Dead at Scene-No Resuscitation Attempted (With Transport)
4212015	Patient Dead at Scene-No Resuscitation Attempted (Without Transport)
4212017	Patient Dead at Scene-Resuscitation Attempted (With Transport)
4212019	Patient Dead at Scene-Resuscitation Attempted (Without Transport)
4212021	Patient Evaluated, No Treatment/Transport Required
4212023	Patient Refused Evaluation/Care (With Transport)
4212025	Patient Refused Evaluation/Care (Without Transport)
4212027	Patient Treated, Released (AMA)
4212029	Patient Treated, Released (per protocol)
4212031	Patient Treated, Transferred Care to Another EMS Unit
4212033	Patient Treated, Transported by this EMS Unit
4212035	Patient Treated, Transported by Law Enforcement
4212037	Patient Treated, Transported by Private Vehicle
4212039	Standby-No Services or Support Provided
4212041	Standby-Public Safety, Fire, or EMS Operational Support Provided
4212043	Transport Non-Patient, Organs, etc.

**Data Element Comment**

**Associated Validation Rules**

Rule ID	Level	Message
âeArrest.17	Warning	Cardiac Rhythm on Arrival at Destination should be recorded when Incident/Patient Disposition is "Patient Dead at Scene... (with Transport)" or "Patient Treated, Transported by this EMS Unit" and Cardiac Arrest is "Yes..."
âeArrest.16	Warning	Reason CPR/Resuscitation Discontinued should be recorded when Incident/Patient Disposition is "Patient Dead at Scene-Resuscitation Attempted..."
âosition.05	Warning	Destination State should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âosition.06	Warning	Destination County should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âosition.07	Warning	Destination ZIP Code should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âosition.16	Warning	EMS Transport Method should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".

âiposition.17	Warning	Transport Mode from Scene should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiposition.19	Warning	Final Patient Acuity should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiposition.20	Warning	Reason for Choosing Destination should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiposition.21	Warning	Type of Destination should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiePatient.07	Warning	Patient's Home County should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiePatient.08	Warning	Patient's Home State should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiePatient.09	Warning	Patient's Home ZIP Code should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiePatient.13	Warning	Gender should be recorded when Incident/Patient Disposition is "Patient...".
âiePatient.14	Warning	Race should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âiePatient.15	Warning	Age should be recorded when Incident/Patient Disposition is "Patient...".
âiePatient.16	Warning	Age Units should be recorded when Incident/Patient Disposition is "Patient...".
âiePayment.01	Warning	Primary Method of Payment should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âig_eScene.09	Warning	Incident Location Type should be recorded unless Incident/Patient Disposition is "Canceled (Prior to Arrival At Scene)".
âituation.02	Warning	Possible Injury should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âituation.07	Warning	Chief Complaint Anatomic Location should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âituation.08	Warning	Chief Complaint Organ System should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âituation.09	Warning	Primary Symptom should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âituation.11	Warning	Provider's Primary Impression should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âituation.13	Warning	Initial Patient Acuity should be recorded when Type of Service Requested is "911 Response (Scene)" and Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit".
âig_eTimes.05	Warning	Unit En Route Date/Time should be recorded unless Incident/Patient Disposition is "Canceled (Prior to Arrival At Scene)".
âig_eTimes.06	Warning	Unit Arrived on Scene Date/Time should be recorded unless Incident/Patient Disposition is "Canceled (Prior to Arrival At Scene)".
âig_eTimes.07	Warning	Arrived at Patient Date/Time should be recorded when Incident/Patient Disposition is "Patient...".
âig_eTimes.09	Warning	Unit Left Scene Date/Time should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
âig_eTimes.11	Warning	Patient Arrived at Destination Date/Time should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".

- âig\_eTimes.12 **Warning** Destination Patient Transfer of Care Date/Time should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
- âi\_eInjury.01 **Warning** Cause of Injury should be recorded when Incident/Patient Disposition is "Patient..." and Possible Injury is "Yes".

**eDisposition.16 - EMS Transport Method**

**Definition**

The method of transport by this EMS Unit.

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

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4216001	Air Medical-Fixed Wing
4216003	Air Medical-Rotor Craft
4216005	Ground-Ambulance
4216007	Ground-ATV or Rescue Vehicle
4216009	Ground-Bariatric
4216011	Ground-Other Not Listed
4216013	Ground-Mass Casualty Bus/Vehicle
4216015	Ground-Wheelchair Van
4216017	Water-Boat

**Data Element Comment**

Required if the patient is transported by EMS.

**Version 3 Changes Implemented**

Added to better describe Air and Ground Transport methods.

**Associated Validation Rules**

Rule ID	Level	Message
â;position.16	Warning	EMS Transport Method should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
â;NvPn_Nil_Nv	Error	When EMS Transport Method is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â;NvPn_Nv_Nil	Error	When EMS Transport Method has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eDisposition.17 - Transport Mode from Scene**

**Definition**

Indication whether the transport was emergent or non-emergent.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_14	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4217001	Emergent (Immediate Response)
4217003	Emergent Downgraded to Non-Emergent
4217005	Non-Emergent
4217007	Non-Emergent Upgraded to Emergent

**Data Element Comment**

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

**Associated Validation Rules**

Rule ID	Level	Message
â:position.17	Warning	Transport Mode from Scene should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
â:NvPn_Nil_Nv	Error	When Transport Mode from Scene is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â:NvPn_Nv_Nil	Error	When Transport Mode from Scene has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eDisposition.18 - Additional Transport Mode Descriptors**

**Definition**

The documentation of transport mode techniques for this EMS response.

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4218001	Intersection Navigation-Against Normal Light Patterns
4218003	Intersection Navigation-With Automated Light Changing Technology
4218005	Intersection Navigation-With Normal Light Patterns
4218007	Speed-Enhanced per Local Policy
4218009	Speed-Normal Traffic
4218011	Lights and Sirens
4218013	Lights and No Sirens
4218015	No Lights or Sirens
4218017	Initial No Lights or Sirens, Upgraded to Lights and Sirens
4218019	Initial Lights and Sirens, Downgraded to No Lights or Sirens

**Data Element Comment**

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Additional Transport Mode Descriptors is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Additional Transport Mode Descriptors has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
âivPn_Nv_only	Warning	When Additional Transport Mode Descriptors has a Not Value, no other value should be recorded.

**eDisposition.19 - Final Patient Acuity**

**Definition**

The acuity of the patient's condition after EMS care.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_15	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4219001	Critical (Red)
4219003	Emergent (Yellow)
4219005	Lower Acuity (Green)
4219007	Dead without Resuscitation Efforts (Black)

**Data Element Comment**

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

**Associated Validation Rules**

Rule ID	Level	Message
â:position.19	Warning	Final Patient Acuity should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
â:NvPn_Nil_Nv	Error	When Final Patient Acuity is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â:NvPn_Nv_Nil	Error	When Final Patient Acuity has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eDisposition.20 - Reason for Choosing Destination**

**Definition**

The reason the unit chose to deliver or transfer the patient to the destination.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_16	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

**Associated Performance Measure Initiatives**

Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**

7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4220001	Closest Facility
4220003	Diversion
4220005	Family Choice
4220007	Insurance Status/Requirement
4220009	Law Enforcement Choice
4220011	On-Line/On-Scene Medical Direction
4220013	Other
4220015	Patient's Choice
4220017	Patient's Physician's Choice
4220019	Protocol
4220021	Regional Specialty Center

**Data Element Comment**

Required if the patient was transported.

**Associated Validation Rules**

Rule ID	Level	Message
â\position.20	Warning	Reason for Choosing Destination should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
â\NvPn_Nil_Nv	Error	When Reason for Choosing Destination is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â\NvPn_Nv_Nil	Error	When Reason for Choosing Destination has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â\vPn_Nv_only	Warning	When Reason for Choosing Destination has a Not Value, no other value should be recorded.



**eDisposition.21 - Type of Destination**

**Definition**

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

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_17	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    Response    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4221001	Home
4221003	Hospital-Emergency Department
4221005	Hospital-Non-Emergency Department Bed
4221007	Medical Office/Clinic
4221009	Morgue/Mortuary
4221011	Nursing Home/Assisted Living Facility
4221013	Other
4221015	Other EMS Responder (air)
4221017	Other EMS Responder (ground)
4221019	Police/Jail
4221021	Urgent Care
4221023	Freestanding Emergency Department

**Data Element Comment**

Required if Patient Transported by EMS.

**Associated Validation Rules**

Rule ID	Level	Message
â\position.21	Warning	Type of Destination should be recorded when Incident/Patient Disposition is "... (With Transport)" or "Patient Treated, Transported by this EMS Unit".
â\position.22	Warning	Hospital In-Patient Destination should be recorded when Type of Destination is "Hospital-Non-Emergency Department Bed".
â\rdiacarrest	Warning	Hospital Capability should be recorded when Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Cardiac Arrest is "Yes...".
â\on.23_stemi	Warning	Hospital Capability should be recorded when Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Cardiac Rhythm / Electrocardiography (ECG) is "STEMI...".
â\n.23_stroke	Warning	Hospital Capability should be recorded when Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Stroke Scale Score is "Positive".
â\NvPn_Nil_Nv	Error	When Type of Destination is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â\NvPn_Nv_Nil	Error	When Type of Destination has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eDisposition.22 - Hospital In-Patient Destination**

**Definition**

The location within the hospital that the patient was taken directly by EMS (e.g., Cath Lab, ICU, etc.).

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4222001	Hospital-Burn
4222003	Hospital-Cath Lab
4222005	Hospital-CCU
4222007	Hospital-Endoscopy
4222009	Hospital-Hospice
4222011	Hospital-Hyperbaric Oxygen Treatment
4222013	Hospital-ICU
4222015	Hospital-Labor and Delivery
4222017	Hospital-Med/Surg
4222019	Hospital-Mental Health
4222021	Hospital-MICU
4222023	Hospital-NICU
4222025	Hospital-Nursery
4222027	Hospital-Peds (General)
4222029	Hospital-Peds ICU
4222031	Hospital-OR
4222033	Hospital-Orthopedic
4222035	Hospital-Other
4222037	Hospital-Out-Patient Bed
4222039	Hospital-Radiology Services - MRI
4222041	Hospital-Radiology Services - CT/PET
4222043	Hospital-Radiology Services - X-Ray
4222045	Hospital-Radiation
4222047	Hospital-Rehab
4222049	Hospital-SICU
4222051	Hospital-Oncology
4222053	Hospital-Outpatient Surgery

**Data Element Comment**

To be documented when in eDisposition.21 "Hospital-Non-Emergency Department Bed" is selected.

**Version 3 Changes Implemented**

Added to identify the location within the hospital that the patient was directly taken to by EMS.

**Associated Validation Rules**

Rule ID	Level	Message
â;position.22	Warning	Hospital In-Patient Destination should be recorded when Type of Destination is "Hospital-Non-Emergency Department Bed".
â;NvPn_Nil_Nv	Error	When Hospital In-Patient Destination is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â;NvPn_Nv_Nil	Error	When Hospital In-Patient Destination has a Not Value (Not Applicable, Not Recorded, or Not

Reporting), it should be empty.

**eDisposition.23 - Hospital Capability**

**Definition**

The primary hospital capability associated with the patient's condition for this transport (e.g., Trauma, STEMI, Peds, etc.).

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

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9908001	Behavioral Health
9908003	Burn Center
9908005	Critical Access Hospital
9908007	Hospital (General)
9908009	Neonatal Center
9908011	Pediatric Center
9908017	Stroke Center
9908019	Rehab Center
9908021	Trauma Center Level 1
9908023	Trauma Center Level 2
9908025	Trauma Center Level 3
9908027	Trauma Center Level 4
9908029	Trauma Center Level 5
9908031	Cardiac-STEMI/PCI Capable
9908033	Cardiac-STEMI/PCI Capable (24/7)
9908035	Cardiac-STEMI/Non-PCI Capable

**Data Element Comment**

To be documented when eDisposition.21 (Type of Destination) is 1) Hospital-Emergency Department, 2) Hospital-Non-Emergency Department Bed, or 3) Freestanding Emergency Department.

**Version 3 Changes Implemented**

Added to aid in determining if patients are transported to the appropriate hospital based on provider impression, assessment, and treatment.

**Associated Validation Rules**

Rule ID	Level	Message
âirdiacarrest	Warning	Hospital Capability should be recorded when Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Cardiac Arrest is "Yes...".
âion.23_stemi	Warning	Hospital Capability should be recorded when Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Cardiac Rhythm / Electrocardiography (ECG) is "STEMI...".
âin.23_stroke	Warning	Hospital Capability should be recorded when Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Stroke Scale Score is "Positive".
âiNvPn_Nil_Nv	Error	When Hospital Capability is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Hospital Capability has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eDisposition.24 - Destination Team Pre-Arrival Alert or Activation**

**Definition**

Indication that an alert (or activation) was called by EMS to the appropriate destination healthcare facility team. The alert (or activation) should occur prior to the EMS Unit arrival at the destination with the patient.

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

**Associated Performance Measure Initiatives**

Cardiac Arrest    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
4224001	No
4224003	Yes-Adult Trauma
4224005	Yes-Cardiac Arrest
4224007	Yes-Obstetrics
4224009	Yes-Other
4224011	Yes-Pediatric Trauma
4224013	Yes-STEMI
4224015	Yes-Stroke
4224017	Yes-Trauma (General)

**Data Element Comment**

**Version 3 Changes Implemented**

Added to better document performance measure for acute time dependent illness and injury systems of care.

**Associated Validation Rules**

Rule ID	Level	Message
âi.24_present	Warning	Destination Team Pre-Arrival Alert or Activation should be recorded when Date/Time of Destination Prearrival Alert or Activation is recorded.
âi.25_present	Warning	Date/Time of Destination Prearrival Alert or Activation should be recorded when Destination Team Pre-Arrival Alert or Activation is recorded with a value other than "None".
âiNvPn_Nil_Nv	Error	When Destination Team Pre-Arrival Alert or Activation is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Destination Team Pre-Arrival Alert or Activation has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

**eDisposition.25 - Date/Time of Destination Prearrival Alert or Activation**

**Definition**

The Date/Time EMS alerted, notified, or activated the destination healthcare facility prior to EMS arrival. The EMS assessment identified the patient as acutely ill or injured based on exam and possibly specified alert criteria.

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

**Associated Performance Measure Initiatives**

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Constraints**

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

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

**Data Element Comment**

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

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

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

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

**Version 3 Changes Implemented**

Added to better document performance measure for acute time dependent illness and injury systems of care.

**Associated Validation Rules**

Rule ID	Level	Message
â!24_present	Warning	Destination Team Pre-Arrival Alert or Activation should be recorded when Date/Time of Destination Prearrival Alert or Activation is recorded.
â!25_present	Warning	Date/Time of Destination Prearrival Alert or Activation should be recorded when Destination Team Pre-Arrival Alert or Activation is recorded with a value other than "None".
â!NvPn_Nil_Nv	Error	When Date/Time of Destination Prearrival Alert or Activation is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â!NvPn_Nv_Nil	Error	When Date/Time of Destination Prearrival Alert or Activation has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.
â!r_eTimes.03	Warning	Date/Time of Destination Prearrival Alert or Activation should not be earlier than Unit Notified by Dispatch Date/Time.
â!e_eTimes.12	Warning	Date/Time of Destination Prearrival Alert or Activation should not be later than Destination Patient Transfer of Care Date/Time.
â!e_eTimes.13	Warning	Date/Time of Destination Prearrival Alert or Activation should not be later than Unit Back in Service Date/Time.

# eOutcome



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

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

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

## eOutcome

1 : 1	eOutcome.01 - Emergency Department Disposition	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 2px;">S</span>	<span style="background-color: gray; color: black; padding: 2px;">R</span>	<span style="background-color: yellow; color: black; padding: 2px;">N, L</span>
1 : 1	eOutcome.02 - Hospital Disposition	<span style="background-color: red; color: white; padding: 2px;">N</span>	<span style="background-color: yellow; color: black; padding: 2px;">S</span>	<span style="background-color: gray; color: black; padding: 2px;">R</span>	<span style="background-color: yellow; color: black; padding: 2px;">N, L</span>

## eOutcome

**eOutcome.01 - Emergency Department Disposition**

**Definition**

The known disposition of the patient from the Emergency Department (ED).

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E22_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
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)
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).

Codes are available from Medicare contractors and the National Uniform Billing company (NUBC <http://www.nubc.org>) via the NUBC's Official UB-04 Data Specifications Manual.

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Emergency Department Disposition is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Emergency Department Disposition has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.



**eOutcome.02 - Hospital Disposition**

**Definition**

The known disposition of the patient from the hospital, if admitted.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E22_02	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Associated Performance Measure Initiatives**

Airway    Cardiac Arrest    Pediatric    STEMI    Stroke    Trauma

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
01	Discharged to home or self care (routine discharge)
02	Discharged/transferred to another short term general hospital for inpatient care
03	Discharged/transferred to a skilled nursing facility (SNF)
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).

Codes are available from Medicare contractors and the National Uniform Billing company (NUBC <http://www.nubc.org>) via the NUBC's Official UB-04 Data Specifications Manual.

**Associated Validation Rules**

Rule ID	Level	Message
âiNvPn_Nil_Nv	Error	When Hospital Disposition is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
âiNvPn_Nv_Nil	Error	When Hospital Disposition has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

# eOther

<b>Legend</b>	Dataset Level: <span style="color: red;">N</span> National <span style="color: yellow;">S</span> State <span style="color: purple;">D</span> Deprecated
	Usage: <span style="border: 1px solid black; padding: 0 2px;"> </span> M = Mandatory , R = Required , E = Recommended, or O = Optional
	Attributes: <span style="border: 1px solid black; padding: 0 2px;"> </span> N = Not Values, P = Pertinent Negatives , L = Nillable, C = Correlation ID, and/or U = UUID

## eOther

1 : M	eOther.EMSCrewMemberGroup
1 : 1	eOther.05 - Suspected EMS Work Related Exposure, Injury, or Death <span style="color: red;">N</span> <span style="color: yellow;">S</span> <span style="border: 1px solid black; padding: 0 2px;">R</span> <span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">N, L</span>

## eOther

**eOther.05 - Suspected EMS Work Related Exposure, Injury, or Death**

**Definition**

Indication of an EMS work related exposure, injury, or death associated with this EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E23_05	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

**Attributes**

**NOT Values (NV)**  
 7701001 - Not Applicable                      7701003 - Not Recorded

**Code List**

Code	Description
9923001	No
9923003	Yes

**Data Element Comment**

Associated with eOther.04 (EMS Professional (Crew Member) ID)

**Associated Validation Rules**

Rule ID	Level	Message
â;NvPn_Nil_Nv	Error	When Suspected EMS Work Related Exposure, Injury, or Death is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
â;NvPn_Nv_Nil	Error	When Suspected EMS Work Related Exposure, Injury, or Death has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it should be empty.

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