



Virginia Pre-Hospital Information Bridge™ Data Dictionary

The EMS Minimum Dataset and
Quality Standards of the
Commonwealth of Virginia

Version 3.4.0.5

September 1, 2022

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Purpose of This Document

The Virginia Version 3 Data Dictionary provides a detailed list of Virginia's resource information for the **minimum** EMS dataset and quality requirements. The minimum dataset was officially adopted on August 12, 2012 by the State Board of Health as required. EMS data submission is mandated by the Code of Virginia § 32.1-116.1 and EMS regulations 12VAC5-31-560. All elements contained in this document are required to be submitted by all licensed Virginia EMS Agencies as indicated. There are no exceptions to the minimum dataset made for any third-party vendor software. This document is a "living" document and the most recent version can be found within the [NEMSIS website](#).

All initial EMS responses are required to be submitted to the OEMS based on the following:

- Within 12 hours based on the "Patient Arrived at Destination Date/Time (eTimes.11)" documented when the patient is transported by the responding unit (documented under eResponse.13) to their final destination.
- Within 12 hours based on the "Unit Notified by Dispatch Date/Time (eTimes.03)" documented when there is no patient contact or when the responding unit (documented under eResponse.13) does not transport the patient to their final destination.

While there is a 12-hour window for the initial record submission, real-time submissions are preferred.

Monthly data quality is not evaluated by the OEMS until 7 days after the end of the previous month. This allows agencies an opportunity to review and update data for the purposes of improving data quality as needed after the initial record submission. There are no system restrictions in place that limit the number of updates an agency may make to a record to improve data quality.

Agencies may submit above and beyond this minimum dataset if they desire to collect further information on an agency, locality, or regional level. The Virginia EMS data repository will collect NEMSIS v3.4 data elements and "user defined elements" that fall within the NEMSIS v3.4 standard. User defined elements are those developed on the individual agency level. Pre-approval is not necessary.

While the OEMS allows agencies to report data above the minimum data set requirements as established in this document, any additional data submitted must use established NEMSIS v3.4 standards. To ensure all data submitted follows this standard, EMS agencies ***must*** use an EMS software system that is NEMSIS v3.4 certified. A list of NEMSIS v3.4 certified systems is located on the [NEMSIS website for compliant systems](#).

If it is discovered an agency is submitting data using an EMS software system that is not certified or no longer certified by NEMSIS, the agency will be notified and asked to work with their vendor to obtain NEMSIS certification within 90 days of the date of notification. Once NEMSIS certification has been acquired, the agency will need to have their vendor resubmit all EMS data to ensure the Virginia EMS data repository contains NEMSIS certified data. Details on the resubmission process will need to be worked out with the OEMS. If, after 90 days, the agency is still submitting data using a non-NEMSIS certified EMS software system, the OEMS will have no choice but to suspend the ability for the agency to transfer data from their non-certified system to the Virginia EMS data repository. Once this occurs, the agency will need to use a manual-entry option to ensure all data is properly reported per state regulations until their EMS software system is certified by NEMSIS or the agency acquires another NEMSIS certified EMS software system to use.

Additional data submitted that does not follow the NEMSIS v3.4 standards can cause an entire record to be automatically rejected and not processed into the repository. However, when this occurs, it does not mitigate the agencies responsibility regarding data submission. It is the responsibility of the agency to make any necessary corrections and report the data to Virginia as mandated.

There are instances where values have been crossed out within the Virginia Data Dictionary. This indicates those values, while part of the NEMSIS v3.4 standard, should not be submitted. This action has been taken because the values are either not recognized in Virginia or, in the case of “Not” values, there is no reason the “Not” values should be used. A reason for each occurrence is documented within the comment section on each element affected.

EMS data is collected by the OEMS and is called the Virginia Pre-Hospital Information Bridge or VPHIB. It is important to note that VPHIB is used to identify the Virginia EMS data repository and is not a reference to any specific software platform. The current repository is based software provided by [ESO Solutions, Inc.](#)

EMS data is collected through a process where agencies document pre-hospital information and that information is submitted to the repository. Currently, there are two pathways for submitting information and both are dependent upon the software platform used by individual agencies.

Figure 1

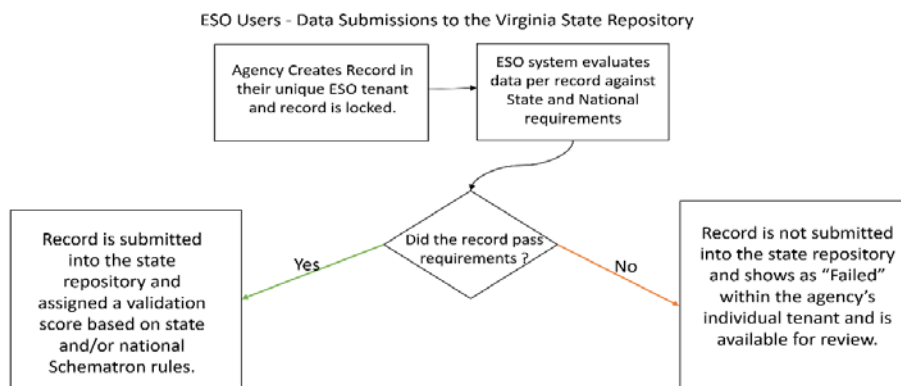
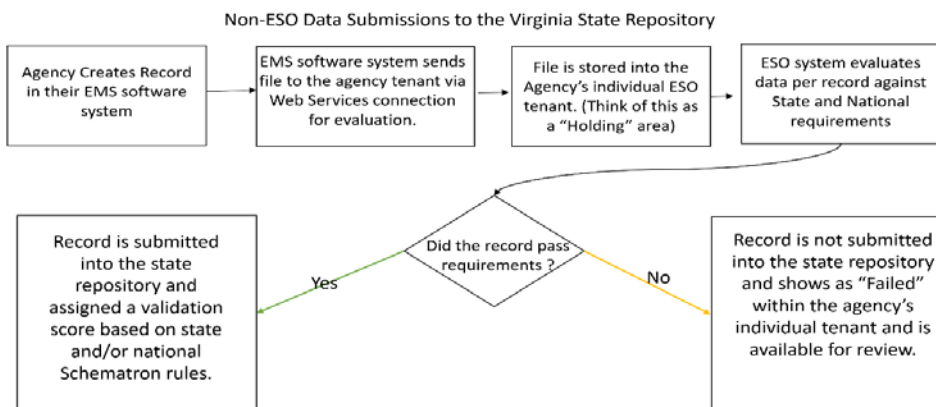


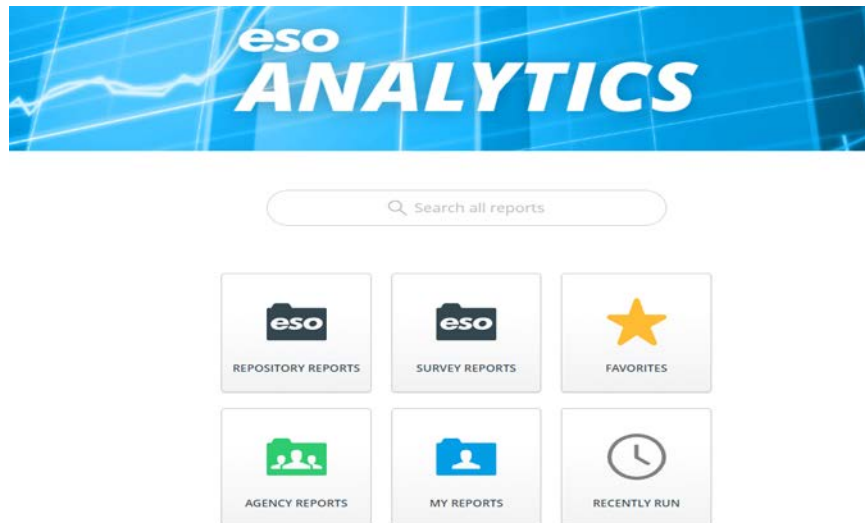
Figure 2



While the process is slightly different, the evaluation of the data is identical. The use of unique tenants gives agencies the ability to review both validation related issues as well as review any records that may have failed national and/or state Schematron rules. The ability to review failed records is a feature that was not previously available. This feature will allow both the OEMS and agencies to review the repository for failed records, address issues that caused the record to fail, and submit the record again. This will help ensure all records are reported as mandated by the Code of Virginia § 32.1-116.1 and EMS regulations 12VAC5-31-560.

The VPHIB system includes a data-reporting tool called Analytics.

Figure 3



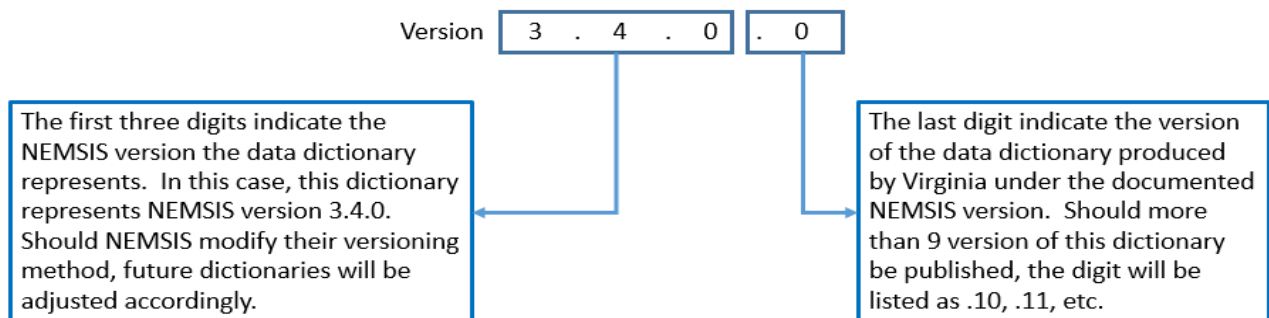
Each EMS agency can access its own data via Analytics.

As the data owner, each EMS agency has many options available to analyze, report, and share its data. The leadership of each EMS agency has control over who may access its data. Within each agency they may determine which staff/members have access to Analytics. They also have the ability to share data outside the agency in a variety of formats that can meet the needs of novice data users to the most sophisticated users. Analytics provides agencies with a means to perform data reporting and data analysis within its agency, EMS system, or whomever they deem appropriate.

Reason for Revision(s)

The VPHIB dictionary was produced to allow Virginia to remain current with the National EMS Information System (NEMSIS) version 3 Data Dictionary. To improve communication and better track historical changes to the data dictionary OEMS utilizes a versioning process when updating the data dictionary. The version number will use a four-digit description of the version of the data dictionary. Figure 4 provides a description of how the version numbers are utilized.

Figure 4

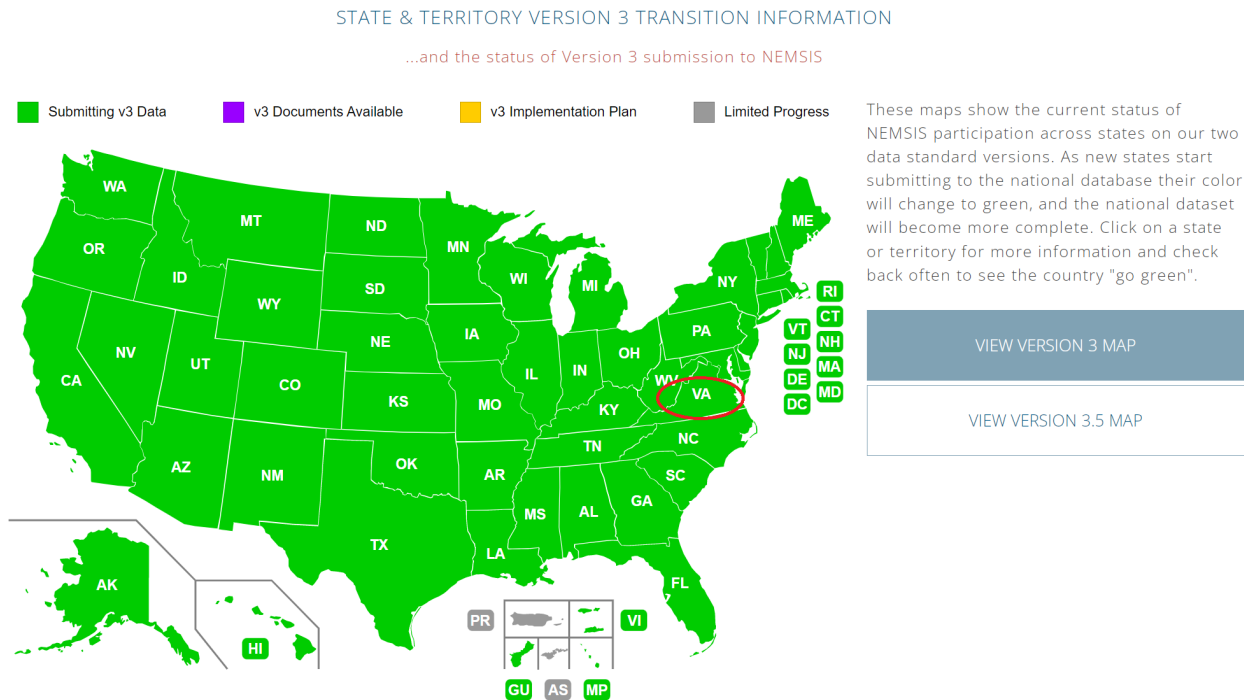


Version, Validation Rule, and Schematron Update Scheduling

Since the introduction of the Version 3 reporting requirements, updates to the state dictionary, state validation rules, and state Schematron have been done on an "as needed" basis. This process is necessary as the needs of the repository are constantly evolving. Our goal is to make any update available no later than 30 days prior to the implementation of changes made. All validation rules include effective dates (based on eTimes.03). This allows vendors the ability to apply new updates as soon as possible while still giving agencies the opportunity to review those changes in their individual systems prior to those changes going into effect.

All updates to any reporting requirements will be communicated to NEMSIS and posted on the NEMSIS website under the [Virginia state site](#):

Figure 5



When state-level updates are made, NEMSIS communicates those out to individual vendors and other stakeholders. OEMS will also communicate those out to all super users contacts established by Virginia agencies per the requirements set by the Regulation and Compliance, Enforcement division. It is the responsibility of each agency to ensure their vendor applies updates when needed.

All National level changes will be coordinated and communicated as needed.

Any questions regarding information found on the NEMSIS website need to be directed to OEMS support (support@vaemstcc.zendesk.com).

Accepted Value Lists

Within this data dictionary and the VPHIB system there are some data elements that are too expansive to include in this document and are subject to change very quickly. These lists include the following:

- Primary and Secondary Provider Impression (ICD10 Codes)
- Procedures (SNOMED)
- Medications (RxNorm)
- Cause of Injury (ICD10)
- Incident Location (ICD10)
- Destination Names/Codes (state assigned)

These code sets are extremely detailed and allow any ICD10 code would lead to making EMS data very complicated to use. ICD10, as an example has over 70,000 impression codes; the RxNorm list OEMS uses has 22,781 medication codes, and the SNOMED Code list OEMS uses has 1,048,576 procedure codes. These national code sets never considered EMS as they were being developed.

The preset of state-assigned Destination Names/Codes are designed to ensure consistency when reporting patient transports. Generic codes have been created for those instances where specific locations have not been identified or where creating specific locations is impractical (I.E. individual doctor's offices).

Because of the above, the VPHIB system will only accept values on each of the value lists. However, OEMS is committed to being flexible with adding needed values to these lists but they will need to be requested. Upon request OEMS will apply best practices and evaluate the need for additional codes based on, but not limited to the following:

- Does the requested code exist in the applicable ICD10, RxNorm, SNOMED, or Destination Name/Code set?
- Does the requested code already exist in VPHIB?
- Does the requested code duplicate another existing code?
- Does the use of another element eliminate the need for adding an additional code? As an example our provider impression list for injuries is limited to a body part/region. VPHIB has Injury - Foot and does not specify fracture, laceration, pain, impaled object, contusion or multiple other potential codes. Our advice would be to use assessment elements to drill down to how many fractures versus bruises your agency treated.
- How does the request reflect the intent of the national standard and/or how other states are collecting (or not collecting) similar information?
- What are the billing implications?
- What are the quality assurance implications?
- Do receiving hospitals truly need the additional details?
- How will the requested addition benefit data output?

What potential actions will OEMS take?

- If the additional code is needed it will be added to VPHIB and be visible for use in the state EMR and reporting tools.
- If the additional code is not considered needed it may still be added to VPHIB, but converted to another code upon import. This will not make the code available in the state EMR or reporting tools. For example, foot laceration would be converted to foot injury.
- If not accepted, OEMS will offer advice on what we believe is the best practice for collecting the information.
- If not accepted, OEMS will offer advice on how the agency can map the requested code prior to export. Mapping on the agency level is highly discouraged. ICD10, RxNorm, and SNOMED do not contain any generic codes such as "other" or "other CNS drug."

To provide another example using a medication; in version 2 the state code for Adenosine (Adenocard) is code 61. We also have Adenosine 12 mg as code 156221. Code 156221 should never have been used. In version 3, a request to add "Adenosine 12mg" would be denied. This is because the medication is Adenosine and the 12 mg is managed through different elements. To correctly report Adenosine 12 mg, it should look like this:

- eMedications.03/Medication Given = Adenosine
- eMedications.04/Medication Administered Route = IV
- eMedications.05/Medication Dosage = 12
- eMedications.06/Medication Dosage Units = mg (milligrams)

By correctly using the standard, medication listed in your ePCR will be more compact and easier to use. When you want to pull a report on the use of adenosine you won't have to make sure you select all variations of the same drug. We saw similar issues with incorrectly adding medication codes for "drips" such as dopamine or Epinephrine (Epi). So, if you work a cardiac arrest and the patient responds to Epi and you want to "hang an Epi drip" the information should be reported like this:

Epi Push:

- eMedications. 01/ Date/Time Medication Administered = 01/01/2016 21:49
- eMedications.02/Medication Administered Prior to Arrival = No
- eMedication.03/Medication Given = Epinephrine
- eMedications.04/Medication Administered Route = IV
- eMedications.05/Medication Dosage = 1
- eMedications.06/Medication Dosage Units = mg (milligrams)

Epi Drip:

- eMedications. 01/ Date/Time Medication Administered = 01/01/2016 21:55
- eMedications.02/Medication Administered Prior to Arrival = No
- eMedication.03/Medication Given = Epinephrine
- eMedications.04/Medication Administered Route = IV
- eMedications.05/Medication Dosage = 2
- eMedications.06/Medication Dosage Units = mcg/min

The drug is Epinephrine and the "drip" is established through the dosage and dosage units.

For EMS agencies primarily providing 9-1-1 related EMS the time period that codes are not available should be relatively brief. The greater challenge will be to the Medevac agencies and those agencies that perform Interfacility transports. Plan ahead.

Use of Not Values (NV)

Not Values (NV) include not applicable, not reporting, and not recorded. This section will briefly define what each NV should be used for.

- Not Applicable = The data element is not applicable or pertinent to the current single EMS event. Not Applicable cannot be submitted by an agency in-lieu of complying with submitting any individual element from the mandatory list of data elements
- Not Recorded = If a data element is considered applicable to the current single EMS event but was left blank, the EMS software should auto-populate the element with "Not Recorded". Not Recorded is not intended for use by EMS providers. Its intended use is by ePCR software to report when a provider fails to report any data element.
- Not Reporting = The data element is not collected by the EMS agency or state. This NOT value does not apply to any data elements where "Usage = Required".

A note about Not Values:

While Not values are part of required and recommended elements, it is important to understand the function of Not values within the National standard and Virginia reporting requirements.

In the Virginia Data Dictionary, there are instances where Not values have been crossed out. This indicates that, while the standard allows for a Not value to be supplied, the expectation of the state is that a Not value should not be used because there is always a more appropriate choice.

For example, eCrew.03 – Crew Member Response Role. There is no situation where a record would be created without including crewmembers. Every crewmember needs to be assigned a specific role without exception. Virginia allows for the selection of code 2403005 – Other. So, if none of the remaining values fit the role of a specific individual, 2403005 – Other should be used and the use of the Not values avoided.

Another function of Not values is to ensure the structure of the XML file created by EMS software systems match the NEMESIS v3.4 standard requirements. Due to this, there are many instances where Not values show in the dictionary as being allowed. However, just because a Not value is allowed does not imply the Not value can be used instead of the documentation of actual information.

For example, eVitals.29 - Stroke Scale Score is a required element. This means that, in every XML file created for any type of record documented, there will always be an eVitals.29 reference. If someone were to look at the XML file where the patient disposition was "Canceled (Prior to Arrival At Scene)", there would be an eVitals.29 reference with code 7701001 (Not Applicable). In this instance, the EMS software automatically inserts (or should insert) the proper Not value reference for Not Applicable because this item does not apply to the canceled event. However, if a provider is documenting a report for a stroke-related incident, a value other than a Not value needs to be documented regarding the stroke scale score because this does apply to the event.

While this document attempts to explain the practical and technical use of Not values, should there be any questions, please contact OEMS support.

How to Use This Document - Virginia Version 3.4.0.5 Data Dictionary Content

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

Data Element Number (1)

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

- **Not Recorded** = The data element is considered applicable, but was left blank. The software should auto-populate it with "Not Recorded".
 - **Not Reporting** = The data element is not collected by the EMS agency or state. This NOT value does not apply to National elements where Usage is specified as "Required".
- **Pertinent Negative Values (PN) (9) (14)**
 - A list of Pertinent Negative Values which can be associated with a data element.
 - Not all data elements accept Pertinent Negative Values.
 - Pertinent Negative Values are documented as "an attribute" of an element. It allows the documentation of pertinent negative value in addition to the documentation of "real" value.
 - *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_Pertinent
 - Example of use:
 - Example #1 - Aspirin Administration:
 - If the medication Aspirin is part of the agency protocol for Chest Pain but was not administered by the responding crew, the reason why should be documented. This is done through the use of Pertinent Negative Values. If the patient took the Aspirin prior to the EMS arrival on the scene, the value "Medication Already Taken" should be documented in addition to "Aspirin".
- **Is Nillable (11)**
 - Indication that the element can accept a "blank" value.
 - If the element is left "blank", the software must submit an appropriate value of one of the two attributes: Pertinent Negative or NOT Values.

Associated Performance Measure Initiatives (13)

- Indication that the data element has value in describing, defining, or measuring EMS from a performance perspective. Performance Measures can be associated with EMS service delivery, patient care, or both. The following service delivery or time-dependent illness/injury performance measure topics have been included in NEMSIS Version 3:
 - Airway - Airway Management
 - Cardiac Arrest - Out of Hospital Cardiac Arrest
 - Pediatric - Acute Pediatric Care
 - Response - EMS Response Time
 - STEMI - ST Elevation Myocardial Infarction (STEMI)
 - Stroke - Acute Stroke Care
 - Trauma - Acute Injury/Trauma Care

Attributes (14)

- An attribute provides extra information within an element.
For information related to the first three attributes, please see the NEMSIS document 'How to Utilize NEMSIS V3 "NOT values/pertinent negatives/nillable':
https://nemsis.org/media/nemsis_v3/master/UsageGuides/NEMSIS_V3_1_EMSSDataSet_Pertinent_Ne

The following are possible attributes:

- PN (Pertinent Negative)
 - 8801001 - Contraindication Noted
 - 8801003 - Denied By Order
 - 8801005 - Exam Finding Not Present
 - 8801007 - Medication Allergy
 - 8801009 - Medication Already Taken
 - 8801013 - No Known Drug Allergy
 - 8801015 - None Reported
 - 8801017 - Not Performed by EMS
 - 8801019 - Refused
 - 8801021 - Unresponsive
 - 8801023 - Unable to Complete

- 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

- 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.

Figure 6

19 **Deprecated**

1 eExample.01

2 **State** **National**

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

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

15 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}		

16 Code List

Code	Description
SSEE001	Value A
SSEE003	Value B
SSEE005	Value C
SSEE007	Value D

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".

Acknowledgment

The National EMS Information System Technical Assistance Center or NEMSIS TAC is responsible for the development and maintenance of the NEMSIS dataset of which the Virginia EMS dataset is based. This document is Commonwealth of Virginia specific and is the product of the VDH/OEMS and not NEMSIS or VDH/OEMS vendor of contract with is currently [ESO Solutions, Inc.](#).

Support and Training

With the implementation of a new state repository in 2021, the process for support and training assistance has changed slightly. There were situations in the past where only OEMS support could provide assistance. With the new state repository, that is no longer the case.

An example of this is User Account Maintenance. In the previous repository, Agency Administrators had to contact OEMS support to have inactive accounts reactivated. In the new repository, Agency Administrators have full control regarding user access including the ability to set inactive accounts back to active. This is primarily due to the nature of how the new repository works and the fact that each reporting agency has an individual tenant.

Regarding general issues or questions, Agency administrators (those individuals at the agency who have administrator-level access) should always be the first point of contact. Those individuals have the ability to address most general issues. We recommend each agency have a minimum of 2 individuals with administrator level access.

When the Agency administrator cannot solve an issue, the next point of contact should be ESO support. The contact information for ESO support is:

Email: support@eso.com
Phone: 866.766.9471 (ask for support)

While ESO's regular support hours are 8:00 am to 8:00 pm ET (7:00 am to 7:00 pm CT) Monday to Friday, they are available 24/7 for emergency support items such as system down issues. We recommend the agency administrator make the decision to contact ESO outside of their normal business hours.

If an agency has questions regarding any ESO product offerings, the contact at ESO for this is:

Email: sales@eso.com
Phone: 866.766.9471 (ask for sales)

For questions concerning data quality, data validation, or data submission, those questions should be directed to OEMS support. The contact info for OEMS support is:

Email: support@vaemstcc.zendesk.com
Phone: 804.888.9149

In the event an agency is not sure who to contact for a specific issue, the agency needs to contact OEMS support using the above contact information. While OEMS support may not be able to directly address the item, support will direct the item to the proper group and have that group follow up with the agency directly.

State

National

dAgency.02 - EMS Agency Number

Definition

The state-assigned provider number of the responding agency

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Data Type	minLength	maxLength
string	1	15

Data Element Comment

This is the primary identifier for the entire Demographic Section. Each of the Demographic sections must be associated with an EMS Agency Number. In Virginia, this shall be the agency number as assigned by the Virginia Office of EMS.

Agency numbers must exactly match the number assigned by Regulation and Compliance, Enforcement and include leading zeros where applicable.

State

dAgency.03 - EMS Agency Name

Definition

The formal name of the agency.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D01_02	Is Nillable	Yes
Usage	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

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	100

Data Element Comment

The EMS agency name must be the same name used for licensing by the Virginia Office of EMS. No abbreviated names are accepted.

State

National

dAgency.04 - EMS Agency State

Definition

The state/territory which assigned the EMS agency number.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

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

State

National

dAgency.05 - EMS Agency Service Area States

Definition

The state 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

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

State

National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

CorrelationID

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

Constraints

Pattern

[0-9]{5}

Data Element Comment

Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state. County codes are based on ISO/ANSI codes. It is a 5-digit code based on state (2-digit) and county (3-digit). Note: Due to Virginia's demographic make-up, Virginia cities are reported via the county data element using their appropriate GNIS code. This is unique to Virginia.

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

State

National

dAgency.07 - EMS Agency Census Tracts

Definition

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

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Constraints

Pattern

[0-9]{11}

Data Element Comment

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

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

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

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

State

National

dAgency.08 - EMS Agency Service Area ZIP Codes

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Constraints

Pattern

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

Data Element Comment

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

To search for any zip codes, use the Zip Codes Product Website: [https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/Product: USA - 5-digit ZIP Code Database, Commercial Edition](https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/Product:USA-5-digitZIPCodeDatabase,CommercialEdition)

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 Crash Truck or Other Specialty Rescue
 9920017 ~~Community Paramedicine~~
 9920019 Critical Care (Ground)

Data Element Comment

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

Code 9920017 - Community Paramedicine is a type of service currently not recognized in Virginia.

State

dAgency.10 - Other Types of Service

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D01_06	Is Nillable	Yes
Usage	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 7701005 - Not Reporting

CorrelationID

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

Code List

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

Data Element Comment

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

Code 9920017 - Community Paramedicine is a type of Service currently not recognized in Virginia

State

National

dAgency.11 - Level of Service

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
9917001	Advanced Emergency Medical Technician (AEMT)
9917003	2009 Emergency Medical Responder (EMR)
9917005	2009 Emergency Medical Technician (EMT)
9917007	2009 Paramedic
9917009	Emergency Medical Responder (EMR)
9917011	Emergency Medical Technician (EMT)
9917013	Intermediate
9917015	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 (Emergency Medical Technician (EMT)) with Intermediate or Paramedic on staff, the appropriate level of service is "Emergency Medical Technician (EMT)". This is because the care provided to patients is limited to BLS skills.

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

Codes with a strikethrough are either not used in Virginia or there is another option that can be used. For example, code 9917015 can be used for any Virginia licensed Paramedic therefore, code 9911007 is not needed.

State National

dAgency.12 - Organization Status

Definition

The primary organizational status of the agency. Volunteer, Non-Volunteer, or Mixed.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
1016001	Mixed
1016003	Non-Volunteer
1016005	Volunteer

Data Element Comment

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

State

National

dAgency.13 - Organizational Type

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

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

Data Element Comment

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

State

National

dAgency.14 - EMS Agency Organizational Tax Status

Definition

The EMS Agencies business/corporate organizational tax status

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
1018001	For Profit
1018003	Other (e.g., Government)
1018005	Not For Profit

Data Element Comment

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

State

National

dAgency.15 - Statistical Calendar Year

Definition

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

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

Constraints

Data Type	minInclusive	maxInclusive
integer	1900	2050

Data Element Comment

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

State National

dAgency.16 - Total Primary Service Area Size

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Data Type	minInclusive	maxInclusive
positiveInteger	1	4,000,000

Data Element Comment

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

State

National

dAgency.17 - Total Service Area Population

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Data Type	minInclusive	maxInclusive
positiveInteger	1	4,000,000

Data Element Comment

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

State

National

dAgency.18 - 911 EMS Call Center Volume per Year

Definition

The number of 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"

State

National

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.

State

National

dAgency.20 - EMS Patient Transport Volume per Year

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Data Type	minInclusive	maxInclusive
positiveInteger	1	4,000,000

Data Element Comment

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

State

National

dAgency.21 - EMS Patient Contact Volume per Year

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Data Type	minInclusive	maxInclusive
positiveInteger	1	4,000,000

Data Element Comment

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

State

dAgency.22 - EMS Billable Calls per Year

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D01_18	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

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.

Non-Billing Agencies should use code 7701001 Not Applicable when reporting this element to Virginia.

State

National

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

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Constraints

Data Type	length
string	10

Data Element Comment

Only EMS Agencies billing for service will have an NPI number. Agencies that do not bill for service should report code 7701001 - Not Applicable. While code 7701003 - Not Recorded is allowed due to NEMESIS standards regarding XML file creation, its use should be avoided.

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

State

National

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

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Constraints

Data Type	minLength	maxLength
string	1	20

Data Element Comment

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

Version 3 Changes Implemented

Added to better associate Fire and EMS licensure and operational identifiers. Agencies need to either document the actual ID or use code 7701001 - Not Applicable. While code 7701003 - Not Recorded is allowed due to NEMSIS standards regarding XML file creation, its use should be avoided.

dContact.01 - Agency Contact Type

Definition

The primary contact type within the EMS agency.

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

Attributes

NOT Values (NV)

7701001—Not Applicable

7701003—Not Recorded

7701005—Not Reporting

Code List

Code	Description
1101001	Administrative Assistant
1101003	EMS Agency Director/Chief/Lead Administrator/CEO
1101005	EMS Assistant Agency Director/Chief/Administrator/CEO
1101007	EMS Assistant Medical Director
1101009	EMS IT/Data Specialist
1101011	EMS Medical Director
1101013	EMS Quality/Performance Improvement Specialist
1101015	EMS Training/Education Specialist
1101017	Other

Data Element Comment

Each agency shall have a single point of contact that is responsible or has delegated responsibility for data submission. This is the primary form of communication for important system changes. Each agency is responsible to maintain this contact and the information provided through this contact in the EMS data system.

* This information must be supplied. NOT values cannot be used when reporting the primary agency contact type (dContact.01).

State

dContact.02 - Agency Contact Last Name

Definition

The Last Name of the agency's primary contact.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No*
Version 2 Element	D02_01	Is Nillable	No*
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001—Not Applicable

7701003—Not Recorded

7701005—Not Reporting

Constraints

Data Type	minLength	maxLength
string	1	60

Data Element Comment

Each agency shall have a single point of contact that is responsible or has delegated responsibility for data submission. This is the primary form of communication for important system changes. Each agency is responsible to maintain this contact and the information provided through this contact in the EMS data system.

* This information must be supplied. NOT values cannot be used when reporting the primary agency contact last name (dContact.02).

State

dContact.03 - Agency Contact First Name

Definition

The first name of the agency's primary contact.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No*
Version 2 Element	D02_03	Is Nillable	No*
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001—Not Applicable

7701003—Not Recorded

7701005—Not Reporting

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

Each agency shall have a single point of contact that is responsible or has delegated responsibility for data submission. This is the primary form of communication for important system changes. Each agency is responsible to maintain this contact and the information provided through this contact in the EMS data system.

* This information must be supplied. NOT values cannot be used when reporting the primary agency contact first name (dContact.03).

dContact.10 - Agency Contact Phone Number

Definition

Agency contact phone number.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D02_08	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255**PhoneNumberType**

9913001 - Fax

9913003 - Home

9913005 - Mobile

9913007 - Pager

9913009 - Work

Constraints

Pattern

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

Data Element Comment

dContact.11 - Agency Contact Email Address

Definition

The primary email address of the Agency contact.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No*
Version 2 Element	D02_10	Is Nillable	No*
Usage	Required	Recurrence	1 : M

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

CorrelationID**Data Type:** string**minLength:** 1***maxLength:** 255**EmailAddressType**

9904001 - Personal

9904003 - Work

Constraints

Data Type	minLength	maxLength
string	3	100

Pattern

.+@.+

Data Element Comment

Each agency shall have a single point of contact that is responsible or has delegated responsibility for data submission. This is the primary form of communication for important system changes. Each agency is responsible to maintain this contact and the information provided through this contact in the EMS data system.

* This information must be supplied. NOT values cannot be used when reporting the primary agency contact email address (dContact.11).

State

National

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

Definition

The state associated with the state certification/licensure levels.

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

Constraints

Pattern

[0-9]{2}

Data Element Comment

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

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

State

National

dConfiguration.02 - State Certification/Licensure Levels

Definition

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

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

Attributes

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Code List

Code	Description
9911001	Advanced Emergency Medical Technician (AEMT)
9911003	2009 Emergency Medical Responder (EMR)
9911005	2009 Emergency Medical Technician (EMT)
9911007	2009 Paramedic
9911009	Emergency Medical Technician (EMT)
9911011	EMT-Intermediate
9911013	EMT-Paramedic
9911015	Emergency Medical Responder (EMR)
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 category EMT-Intermediate includes EMS professionals with an "85" or "99" certification level.

Codes with a strikethrough are either not used in Virginia or there is another option that can be used. For example, code 9911013 can be used for any Virginia licensed Paramedic therefore, code 9911007 is not needed.

State

National

dConfiguration.03 - Procedures Permitted by the State

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Constraints

Data Type	maxInclusive	minInclusive
integer	9999999999999999	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: <http://nemesis.org/v3/resources.html>

SNOMEDCT

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

Product: Product - UMLS Metathesaurus

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

State

National

dConfiguration.04 - Medications Permitted by the State

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

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: <http://nemesis.org/v3/resources.html>

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

State

National

dConfiguration.05 - Protocols Permitted by the State

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

Code	Description
9914001	Airway
9914003	Airway-Failed
9914005	Airway-Obstruction/Foreign Body
9914007	Airway-Rapid Sequence Induction (RSI-Paralytic)
9914009	Airway-Sedation Assisted (Non-Paralytic)
9914011	Cardiac Arrest-Asystole
9914201	Cardiac Arrest-Determination of Death/Withholding Resuscitative Efforts
9914169	Cardiac Arrest-Do Not Resuscitate
9914013	Cardiac Arrest-Hypothermia-Therapeutic
9914019	Cardiac Arrest-Post Resuscitation Care
9914015	Cardiac Arrest-Pulseless Electrical Activity
9914171	Cardiac Arrest-Special Resuscitation Orders
9914087	Cardiac Arrest-Traumatic Arrest
9914055	Cardiac Arrest-Unknown Rhythm (i.e. BLS)
9914017	Cardiac Arrest-V-Fib/Pulseless V-Tach
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
9914167	Exposure-Carbon Monoxide
9914041	Exposure-Chemicals to Eye(s)
9914043	Exposure-Cyanide
9914045	Exposure-Explosive/Blast Injury
9914047	Exposure-Nerve Agents
9914049	Exposure-Radiologic Agents
9914173	Exposure-Smoke Inhalation
9914051	General-Back Pain
9914053	General-Behavioral/Patient Restraint
9914057	General-Dental Problems
9914059	General-Epistaxis
9914177	General-Exception Protocol
9914179	General-Extended Care Guidelines
9914061	General-Fever
9914063	General-Individualized Patient Protocol
9914065	General-Indwelling Medical Devices/Equipment

9914181 General-Interfacility Transfer
 9914067 General-IV/IO/Vascular Access
 9914185 General-Law Enforcement-Assist with Law Enforcement Activity
 9914183 General-Law Enforcement-Blood for Legal Purposes
 9914069 General-Medical Device Malfunction
 9914187 General-Neglect or Abuse Suspected
 9914071 General-Pain Control
 9914189 General-Refusal of Care
 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
 9914213 Injury-Burns-Topical Chemical
 9914203 Injury-Conducted Electrical Weapons (e.g., Taser)
 9914089 Injury-Crush Syndrome
 9914091 Injury-Diving Emergencies
 9914093 Injury-Drowning/Near Drowning
 9914095 Injury-Electrical Injuries
 9914097 Injury-Extremity
 9914099 Injury-Eye
 9914205 Injury-Facial Trauma
 9914207 Injury-General Trauma Management
 9914101 Injury-Head
 9914103 Injury-Impaled Object
 9914209 Injury-Lightning/Lightning Strike
 9914191 Injury-Mass/Multiple Casualties
 9914105 Injury-Multisystem
 9914211 Injury-SCUBA Injury/Accidents
 9914107 Injury-Spinal Cord
 9914193 Injury-Thoracic
 9914109 Medical-Abdominal Pain
 9914195 Medical-Adrenal Insufficiency
 9914111 Medical-Allergic Reaction/Anaphylaxis
 9914113 Medical-Altered Mental Status
 9914197 Medical-Apparent Life Threatening Event (ALTE)
 9914115 Medical-Bradycardia
 9914117 Medical-Chest Pain-Cardiac Suspected
 9914121 Medical-Diabetic-Hyperglycemia
 9914125 Medical-Diabetic-Hypoglycemia
 9914119 Medical-Diarrhea
 9914123 Medical-Hypertension
 9914127 Medical-Hypotension/Shock (Non-Trauma)
 9914129 Medical-Influenza-Like Illness/Upper Respiratory Infection
 9914131 Medical-Nausea/Vomiting
 9914133 Medical-Newborn/Neonatal Resuscitation
 9914215 Medical-Overdose/Poisoning-Beta Blocker
 9914217 Medical-Overdose/Poisoning-Calcium Channel Blocker
 9914219 Medical-Overdose/Poisoning-Opioid
 9914225 Medical-Overdose/Poisoning-Stimulant
 9914135 Medical-Overdose/Poisoning/Toxic Ingestion
 9914137 Medical-Pulmonary Edema/CHF
 9914221 Medical-Respiratory Distress-Bronchiolitis
 9914223 Medical-Respiratory Distress-Croup
 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
 9914199 Medical-Tachycardia
 9914151 Medical-Ventricular Tachycardia with Pulse
 9914153 Not Done
 9914155 OB/GYN-Childbirth/Labor/Delivery
 9914157 OB/GYN-Eclampsia
 9914159 OB/GYN-Gynecologic Emergencies
 9914163 OB/GYN-Post-partum Hemorrhage
 9914161 OB/GYN-Pregnancy Related Emergencies
 9914165 Other

Additional Codes:

it9914.124 Exposure-Hydrogen Fluoride/Hydrofluoric Acid
it9914.125 Exposure-Hydrogen Sulfide
it9914.126 Exposure-Methemoglobin Forming Compound
it9914.108 General-Behavioral/Combative Patient
it9914.120 General-Communications Failure
it9914.119 General-Management of Patient in Police Custody
it9914.121 General-Pediatric Transportation
it9914.128 General-Response to Domestic Violence
it9914.112 Injury-Sexual Assault
it9914.122 Medical-Alcohol Related Emergency
it9914.113 Medical-Left Ventricular Assist Device (LVAD)
it9914.123 Medical-Pneumonia
it9914.115 Medical-Sepsis
it9914.127 OB/GYN-Prolapsed Umbilical Cord
it9914.346 Pandemic

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). The list was initially defined by the NASEMSO State Medical Directors.

The use of code 9914165 (Other) should be avoided if possible. If an agency needs additional protocols added to the Virginia System, a request should be submitted to OEMS support (refer to page 22 for contact info).

State

National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
9917001	Advanced Emergency Medical Technician (AEMT)
9917003	2009 Emergency Medical Responder (EMR)
9917005	2009 Emergency Medical Technician (EMT)
9917007	2009 Paramedic
9917009	Emergency Medical Responder (EMR)
9917011	Emergency Medical Technician (EMT)
9917013	EMT-Intermediate
9917015	EMT-Paramedic
9917019	Physician
9917024	Critical Care Paramedic
9917023	Community Paramedic
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.

Codes with a strikethrough are either not used in Virginia or there is another option that can be used. For example, code 9917015 can be used for any Virginia licensed Paramedic therefore, code 9917007 is not needed.

State

National

dConfiguration.07 - EMS Agency Procedures

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

CorrelationID

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

Constraints

Data Type	maxInclusive	minInclusive
integer	999999999999999	100000

Data Element Comment

The recommended Procedures list is available on the NEMESIS website (refer to page 12 for site information). Virginia will accept all SNOMED codes.

For additional information, see the "Accepted Value List" section in the beginning of this document.

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

SNOMEDCT

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

Product: Product - UMLS Metathesaurus

State

National

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	Advanced Emergency Medical Technician (AEMT)
9917003	2009 Emergency Medical Responder (EMR)
9917005	2009 Emergency Medical Technician (EMT)
9917007	2009 Paramedic
9917009	Emergency Medical Responder (EMR)
9917011	Emergency Medical Technician (EMT)
9917013	EMT-Intermediate
9917015	EMT-Paramedic
9917019	Physician
9917024	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.

Codes with a strikethrough are either not used in Virginia or there is another option that can be used.

For example, code 9911013 can be used for any Virginia licensed Paramedic therefore, code 9911007 is not needed.

State

National

dConfiguration.09 - EMS Agency Medications

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

CorrelationID

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

Constraints

Data Type	minLength	maxLength
string	2	7

Data Element Comment

The medication list is stored as the RxNorm (RXCUI) Code. The recommended Medication list is available on the NEMSIS website (refer to page 12 for site information).

Note that all RXNorm medication codes can be submitted.

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

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

State

National

dConfiguration.10 - EMS Agency Protocols

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

CorrelationID

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

Code List

Code	Description
9914001	Airway
9914003	Airway-Failed
9914005	Airway-Obstruction/Foreign Body
9914007	Airway-Rapid Sequence Induction (RSI-Paralytic)
9914009	Airway-Sedation Assisted (Non-Paralytic)
9914011	Cardiac Arrest-Asystole
9914201	Cardiac Arrest-Determination of Death/Withholding Resuscitative Efforts
9914169	Cardiac Arrest-Do Not Resuscitate
9914013	Cardiac Arrest-Hypothermia-Therapeutic
9914019	Cardiac Arrest-Post Resuscitation Care
9914015	Cardiac Arrest-Pulseless Electrical Activity
9914171	Cardiac Arrest-Special Resuscitation Orders
9914087	Cardiac Arrest-Traumatic Arrest
9914055	Cardiac Arrest-Unknown Rhythm (i.e. BLS)
9914017	Cardiac Arrest-V-Fib/Pulseless V-Tach
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
9914167	Exposure-Carbon Monoxide
9914041	Exposure-Chemicals to Eye(s)
9914043	Exposure-Cyanide
9914045	Exposure-Explosive/Blast Injury
9914047	Exposure-Nerve Agents
9914049	Exposure-Radiologic Agents
9914173	Exposure-Smoke Inhalation
9914051	General-Back Pain
9914053	General-Behavioral/Patient Restraint
9914057	General-Dental Problems
9914059	General-Epistaxis
9914177	General-Exception Protocol
9914179	General-Extended Care Guidelines
9914061	General-Fever
9914063	General-Individualized Patient Protocol
9914065	General-Indwelling Medical Devices/Equipment

9914181 General-Interfacility Transfer
9914067 General-IV/IO/Vascular Access
9914185 General-Law Enforcement-Assist with Law Enforcement Activity
9914183 General-Law Enforcement-Blood for Legal Purposes
9914069 General-Medical Device Malfunction
9914187 General-Neglect or Abuse Suspected
9914071 General-Pain Control
9914189 General-Refusal of Care
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
9914213 Injury-Burns-Topical Chemical
9914203 Injury-Conducted Electrical Weapons (e.g., Taser)
9914089 Injury-Crush Syndrome
9914091 Injury-Diving Emergencies
9914093 Injury-Drowning/Near Drowning
9914095 Injury-Electrical Injuries
9914097 Injury-Extremity
9914099 Injury-Eye
9914205 Injury-Facial Trauma
9914207 Injury-General Trauma Management
9914101 Injury-Head
9914103 Injury-Impaled Object
9914209 Injury-Lightning/Lightning Strike
9914191 Injury-Mass/Multiple Casualties
9914105 Injury-Multisystem
9914211 Injury-SCUBA Injury/Accidents
9914107 Injury-Spinal Cord
9914193 Injury-Thoracic
9914109 Medical-Abdominal Pain
9914195 Medical-Adrenal Insufficiency
9914111 Medical-Allergic Reaction/Anaphylaxis
9914113 Medical-Altered Mental Status
9914197 Medical-Apparent Life Threatening Event (ALTE)
9914115 Medical-Bradycardia
9914117 Medical-Chest Pain-Cardiac Suspected
9914121 Medical-Diabetic-Hyperglycemia
9914125 Medical-Diabetic-Hypoglycemia
9914119 Medical-Diarrhea
9914123 Medical-Hypertension
9914127 Medical-Hypotension/Shock (Non-Trauma)
9914129 Medical-Influenza-Like Illness/Upper Respiratory Infection
9914131 Medical-Nausea/Vomiting
9914133 Medical-Newborn/Neonatal Resuscitation
9914215 Medical-Overdose/Poisoning-Beta Blocker
9914217 Medical-Overdose/Poisoning-Calcium Channel Blocker
9914219 Medical-Overdose/Poisoning-Opioid
9914225 Medical-Overdose/Poisoning-Stimulant
9914135 Medical-Overdose/Poisoning/Toxic Ingestion
9914137 Medical-Pulmonary Edema/CHF
9914221 Medical-Respiratory Distress-Bronchiolitis
9914223 Medical-Respiratory Distress-Croup
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
9914199 Medical-Tachycardia
9914151 Medical-Ventricular Tachycardia with Pulse
9914153 Not Done
9914155 OB/GYN-Childbirth/Labor/Delivery
9914157 OB/GYN-Eclampsia
9914159 OB/GYN-Gynecologic Emergencies
9914163 OB/GYN-Post-partum Hemorrhage
9914161 OB/GYN-Pregnancy Related Emergencies
9914165 Other

Additional Codes:

it9914.124 Exposure-Hydrogen Fluoride/Hydrofluoric Acid
it9914.125 Exposure-Hydrogen Sulfide
it9914.126 Exposure-Methemoglobin Forming Compound
it9914.108 General-Behavioral/Combative Patient
it9914.120 General-Communications Failure
it9914.119 General-Management of Patient in Police Custody
it9914.121 General-Pediatric Transportation
it9914.128 General-Response to Domestic Violence
it9914.112 Injury-Sexual Assault
it9914.122 Medical-Alcohol Related Emergency
it9914.113 Medical-Left Ventricular Assist Device (LVAD)
it9914.123 Medical-Pneumonia
it9914.115 Medical-Sepsis
it9914.127 OB/GYN-Prolapsed Umbilical Cord
it9914.346 Pandemic

Data Element Comment

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

The list is defined by the NASEMSO State Medical Directors.

The use of code 9914165 (Other) should be avoided if possible. If an agency needs additional protocols added to the Virginia System, a request should be submitted OEMS via the [VPHIB Support Suite](#).

State

National

dConfiguration.11 - EMS Agency Specialty Service Capability

Definition

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

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

Attributes

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Code List

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

Data Element Comment

dConfiguration.12 - Billing Status

Definition

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

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

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

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

State

National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

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

Data Element Comment

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

State

dConfiguration.14 - EMD Vendor

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D04_17	Is Nillable	Yes
Usage	Mandatory	Recurrence	1 : M

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Constraints

Data Type	minLength	maxLength
string	2	100

Data Element Comment

State

National

dConfiguration.15 - Patient Monitoring Capability(ies)

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

CorrelationID

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

Code List

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

Data Element Comment

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

State

National

dConfiguration.16 - Crew Call Sign

Definition

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

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

Attributes

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

dLocation.01 - EMS Location Type

Definition

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

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

Code List

Code	Description
1301001	EMS Agency Headquarters
1301003	EMS Staging Area
1301005	EMS Station
1301007	Other

Data Element Comment

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

dLocation.02 - EMS Location Name

Definition

The name of the EMS Location.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D05_01	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Constraints

Data Type	minLength	maxLength
string	2	100

Data Element Comment

dLocation.03 - EMS Location Number

Definition

The ID number of the EMS Location.

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

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

dLocation.04 - EMS Location GPS

Definition

The GPS coordinate of the EMS location.

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

Constraints

Pattern

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

Data Element Comment

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

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

State

dLocation.06 - EMS Location Address

Definition

The address of the EMS Location.

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

Attributes

StreetAddress2**Data Type:** string**minLength:** 1**maxLength:** 255

Constraints

Data Type	minLength	maxLength
string	1	255

Data Element Comment

State

dLocation.08 - EMS Location State

Definition

The state of the EMS Location.

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

Constraints

Pattern

[0-9]{2}

Data Element Comment

Based on the ANSI State Code.

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

dLocation.09 - EMS Station or Location ZIP Code

Definition

The ZIP code of the EMS Location.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D05_08	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Constraints

Pattern

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

Data Element Comment

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

dLocation.10 - EMS Location County(ies)/City(ies)

Definition

The county of the EMS Location

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

Constraints

Pattern

[0-9]{5}

Data Element Comment

Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County code). Due to Virginia's demographic make-up, Virginia cities are reported via the county data element using their appropriate GNIS code. This is unique to Virginia.

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

State

dVehicle.01 - Unit/Vehicle Number

Definition

The unique ID number for the unit which is specific for each vehicle.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	D06_01	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 – Not Applicable

7701003 – Not Recorded

7701005 – Not Reporting

Constraints

Data Type	minLength	maxLength
string	1	25

Data Element Comment

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

State

dVehicle.02 - Vehicle Identification Number

Definition

The manufacturer's VIN associated with the vehicle.

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

Constraints

Data Type	minLength	maxLength
string	17	17

Data Element Comment

Consider VIN standard ISO-3779 and ISO-3780.

State

dVehicle.03 - EMS Unit Call Sign

Definition

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

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

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

State

dVehicle.04 - Vehicle Type

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	D06_03	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 – Not Applicable

7701003 – Not Recorded

7701005 – Not Reporting

Code List

Code	Description
1404001	Ambulance
1404003	ATV
1404005	Bicycle
1404007	Fire Apparatus
1404009	Fixed Wing
1404011	Motorcycle
1404013	Other
1404015	Personal Vehicle
1404017	Quick Response Vehicle (Non-Transport Vehicle other than Fire Apparatus)
1404019	Crash Truck or other Specialty Vehicle
1404021	Helicopter
1404023	Snow Vehicle
1404025	Watercraft/Boat

Data Element Comment

The descriptions for codes 1404019, 1404021 and 1404025 were modified to better clarify their use.

dVehicle.05 - Crew State Certification/Licensure Levels

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D06_04	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Code List

Code	Description
9917001	Advanced Emergency Medical Technician (AEMT)
9917003	2009 Emergency Medical Responder (EMR)
9917005	2009 Emergency Medical Technician (EMT)
9917007	2009 Paramedic
9917009	Emergency Medical Responder (EMR)
9917011	Emergency Medical Technician (EMT)
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 category EMT-Intermediate includes EMS professionals with an "85" or "99" certification level.

Codes with a strikethrough are either not used in Virginia or there is another option that can be used.

For example, code 9911013 can be used for any Virginia licensed Paramedic therefore, code 9911007 is not needed.

State

dVehicle.10 - Vehicle Model Year

Definition

The year the vehicle was manufactured.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	D06_07	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 – Not Applicable

7701003 – Not Recorded

7701005 – Not Reporting

Constraints

Data Type	minInclusive	maxInclusive
integer	1900	2050

Data Element Comment

State

dPersonnel.01 - EMS Personnel's Last Name

Definition

The last name of the personnel.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	D08_01	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 – Not Applicable

7701003 – Not Recorded

7701005 – Not Reporting

Constraints

Data Type	minLength	maxLength
string	1	60

Data Element Comment

State

dPersonnel.02 - EMS Personnel's First Name

Definition

The first name of the personnel.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	D08_03	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 – Not Applicable

7701003 – Not Recorded

7701005 – Not Reporting

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

State

dPersonnel.22 - EMS Personnel's State of Licensure

Definition

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

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

Attributes

NOT Values (NV)

7701001 – Not Applicable

7701003 – Not Recorded

7701005 – Not Reporting

Constraints

Pattern

[0-9]{2}

Data Element Comment

State

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

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	D07_02	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 – Not Applicable

7701003 – Not Recorded

7701005 – Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	50

Data Element Comment

Certification numbers must be entered into the system in the same format as assigned by OEMS for both the certified providers and the non-certified affiliated members.

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

Definition

The personnel's state EMS certification level.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D08_15	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 – Not Applicable

7701003 – Not Recorded

7701005 – Not Reporting

Code List

Code	Description
9925001	Advanced Emergency Medical Technician (AEMT)
9925003	2009 Emergency Medical Responder (EMR)
9925005	2009 Emergency Medical Technician (EMT)
9925007	2009 Paramedic
9925013	Emergency Medical Responder (EMR)
9925015	Emergency Medical Technician (EMT)
9925017	EMT-Intermediate
9925019	EMT-Paramedic
9925023	Other Healthcare Professional
9925025	Other Non-Healthcare Professional
9925027	Physician
9925029	Respiratory Therapist
9925031	Student
9925033	Critical Care Paramedic
9925035	Community Paramedicine
9925037	Nurse Practitioner
9925039	Physician Assistant
9925041	Licensed Practical Nurse (LPN)
9925043	Registered Nurse

Data Element Comment

Added 2009 EMS Education Levels.

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

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

Codes with a strikethrough are either not used in Virginia or there is another code that can be used in its place.

State

dPersonnel.31 - EMS Personnel's Employment Status

Definition

The personnel's primary employment status for this agency.

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

Attributes

NOT Values (NV)

7701001—Not Applicable

7701003—Not Recorded

7701005—Not Reporting

Code List

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

Data Element Comment

dFacility.03 - Facility Location Code

Definition

The code of the facility as assigned by the Office of Emergency Medical Services (OEMS).

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

Constraints

Data Type	minLength	maxLength
string	2	50

Data Element Comment

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

The most current list of hospital codes setup by the OEMS can be obtained on the NEMSIS website under the State Data Set section on the [Virginia NEMSIS page](#).

Note: Only codes that match the codes setup by the OEMS will be accepted. Any code submitted outside of this list will be rejected.

dFacility.04 - Hospital Designations

Definition

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

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

Attributes

CorrelationID

Data Type: string minLength: 0 maxLength: 255

Code List

Code	Description
9908001	Behavioral Health
9908003	Burn Center
9908005	Critical Access Hospital
9908007	Hospital (General)
9908009	NICU Present
9908011	Pediatric Trauma Center
9908017	Certified Stroke Center
9908019	Rehab Center
9908021	Level I Trauma Center
9908023	Level II Trauma Center
9908025	Level III Trauma Center
9908027	Trauma Center Level 4
9908029	Trauma Center Level 5
9908034	Cardiac STEMI/PCI Capable
9908033	Primary PCI/STEMI Center
9908035	Cardiac STEMI/Non-PCI Capable

Data Element Comment

Adjusted the descriptions on the following codes to match Virginia Descriptions:

- 9908009: From Neonatal Center to NICU Present
- 9908011: From Pediatric Center to Pediatric Trauma Center
- 9908017: From Stroke Center to Certified Stroke Center
- 9908021: From Trauma Center Level 1 to Level I Trauma Center
- 9908023: From Trauma Center Level 2 to Level II Trauma Center
- 9908025: From Trauma Center Level 3 to Level III Trauma Center
- 9908033: From Cardiac-STEMI/PCI Capable (24/7) to Primary PCI/STEMI Center

Codes with strikethroughs are not used in Virginia

State

National

eRecord.01 - Patient Care Report Number

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Data Type	minLength	maxLength
string	3	50

Data Element Comment

Normally, this number is assigned automatically by the software.

State

National

eRecord.02 - Software Creator

Definition

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

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

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

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

State

National

eRecord.03 - Software Name

Definition

The name of the application used to create this record.

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

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

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

State

National

eRecord.04 - Software Version

Definition

The version of the application used to create this record.

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

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

State

National

eResponse.01 - EMS Agency Number

Definition

The state-assigned provider number of the responding agency

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Data Type	minLength	maxLength
string	1	15

Data Element Comment

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

State

eResponse.02 - EMS Agency Name

Definition

EMS Agency Name

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	100

Data Element Comment

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

Virginia highly recommends that 3rd party vendors include this information in data submissions.

State

National

eResponse.03 - Incident Number

Definition

The incident number assigned by the 911 Dispatch System

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

Data Type	minLength	maxLength
string	3	50

Data Element Comment

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

State

National

eResponse.04 - EMS Response Number

Definition

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

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

Data Type	minLength	maxLength
string	3	50

Data Element Comment

This may be duplicate of eResponse.03 if agency only utilizes a single incident numbering system.

State

National

eResponse.05 - Type of Service Requested

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
2205001	911 Response (Scene)
2205003	Intercept/Rendezvous
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.

The description for code 2205003 has been modified to better describe its use.

State

eResponse.06 - Standby Purpose

Definition

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

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

Code List

Code	Description
2206001	Disaster Event-Drill/Exercise
2206003	Disaster Event-Live Staging
2206005	Education
2206007	EMS Staging-Improve Coverage
2206009	Fire Support-Rehab
2206011	Fire Support-Standby
2206013	Mass Gathering-Concert/Entertainment Event
2206015	Mass Gathering-Fair/Community Event
2206017	Mass Gathering-Sporting Event
2206019	Other
2206021	Public Safety Support

Data Element Comment

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

State

National

eResponse.07 - Primary Role of the Unit

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
2207003	Ground Transport
2207005	Non-Transport Administrative (e.g., Supervisor)
2207007	Non-Transport Assistance (e.g., First Responder)
2207009	Non-Transport Rescue (e.g., Extrication or Other Specialty Unit)
2207011	Air Transport-Helicopter
2207013	Air Transport-Fixed Wing

Data Element Comment

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

The descriptions for codes 2207007 and 2207009 have been modified to better describe their use.

State

National

eResponse.08 - Type of Dispatch Delay

Definition

The dispatch delay(s), 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

CorrelationID

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

Code List

Code	Description
2208001	Caller (Uncooperative)
2208003	Diversion/Failure (of previous unit)
2208005	High Call Volume
2208007	Language Barrier
2208009	Location (Inability to Obtain)
2208011	No EMS Vehicles (Units) Available
2208013	None/No Delay
2208015	Other
2208017	Technical Failure (Computer, Phone etc.)

Data Element Comment

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

State

National

eResponse.09 - Type of Response Delay

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

Code	Description
2209001	Crowd
2209003	Directions/Unable to Locate
2209005	Distance
2209007	Diversion (Different Incident)
2209009	HazMat
2209011	None/No Delay
2209013	Other
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).

State

National

eResponse.10 - Type of Scene Delay

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

Code	Description
2210001	Awaiting Air Unit
2210003	Awaiting Ground Unit
2210005	Crowd
2210007	Directions/Unable to Locate
2210009	Distance
2210011	Extrication
2210013	HazMat
2210015	Language Barrier
2210017	None/No Delay
2210019	Other
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).

State

National

eResponse.11 - Type of Transport Delay

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

Code	Description
2211001	Crowd
2211003	Directions/Unable to Locate
2211005	Distance
2211007	Diversion
2211009	HazMat
2211011	None/No Delay
2211013	Other
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).

State

National

eResponse.12 - Type of Turn-Around Delay

Definition

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

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

Associated Performance Measure Initiatives

Response

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Code List

Code	Description
2212001	Clean-up
2212003	Decontamination
2212005	Distance
2212007	Documentation
2212009	ED Overcrowding / Transfer of Care
2212011	Equipment Failure
2212013	Equipment/Supply Replenishment
2212015	None/No Delay
2212017	Other
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].

State

National

eResponse.13 - EMS Vehicle (Unit) Number

Definition

The unique physical vehicle number of the responding unit.

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

Constraints

Data Type	minLength	maxLength
string	1	25

Data Element Comment

This element should be populated from dVehicle.01 -Unit/Vehicle Number.

State

National

eResponse.14 - EMS Unit Call Sign

Definition

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

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

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

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

State

National

eResponse.15 - Level of Care of This Unit

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
2215001	BLS-EMR
2215003	BLS-EMT
2215005	BLS-AEMT/EMT-Enhanced
2215007	BLS-Intermediate
2215023	BLS-Community Paramedicine
2215009	ALS-AEMT
2215011	ALS-Intermediate
2215013	ALS-Paramedic
2215015	ALS-Community Paramedicine
2215017	ALS-Registered 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.

The descriptions for codes 2215001, 2215003, and 2215017 have been slightly adjusted for clarity.

Codes with strikethroughs pertain to levels that are not utilized in Virginia.

Schematron Note:

Schematron rules are now in place to reject any record submitted that contains a value for this element not listed above or a crossed-out value for this element as shown above. Rejected records must be corrected and submitted as required under Virginia state regulations. For questions regarding Schematron, please contact OEMS support.

State

National

eResponse.23 - Response Mode to Scene

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

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

Data Element Comment

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

State

National

eResponse.24 - Additional Response Mode Descriptors

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

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

State

National

eDispatch.01 - Complaint Reported by Dispatch

Definition

The complaint dispatch reported to the responding unit.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description	Code	Description
2301001	Abdominal Pain/Problems	2301047	Industrial Accident/Inaccessible Incident/ Other Entrapments (Non-Vehicle)
2301003	Allergic Reaction/Stings	2301049	Medical Alarm
2301005	Animal Bite	2301051	No Other Appropriate Choice
2301007	Assault	2301053	Overdose/Poisoning/Ingestion
2301009	Automated Crash Notification	2301055	Pandemic/Epidemic/Outbreak
2301011	Back Pain (Non-Traumatic)	2301057	Pregnancy/Childbirth/Miscarriage
2301013	Breathing Problem	2301059	Psychiatric Problem/Abnormal Behavior/ Suicide Attempt
2301015	Burns/Explosion	2301061	Sick Person
2301017	Carbon Monoxide/Hazmat/Inhalation/CBRN	2301063	Stab/Gunshot Wound/Penetrating Trauma
2301019	Cardiac Arrest/Death	2301065	Standby
2301021	Chest Pain (Non-Traumatic)	2301067	Stroke/CVA
2301023	Choking	2301069	Traffic/Transportation Incident
2301025	Convulsions/Seizure	2301071	Transfer/Interfacility/Palliative Care
2301027	Diabetic Problem	2301073	Traumatic Injury
2301029	Electrocution/Lightning	2301075	Well Person Check
2301031	Eye Problem/Injury	2301077	Unconscious/Fainting/Near-Fainting
2301033	Falls	2301079	Unknown Problem/Person Down
2301035	Fire	2301081	Drowning/Diving/SCUBA Accident
2301037	Headache	2301083	Airmedical Transport
2301039	Healthcare Professional/Admission		
2301041	Heart Problems/AICD		
2301043	Heat/Cold Exposure		
2301045	Hemorrhage/Laceration		

Data Element Comment

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

State

National

eDispatch.02 - EMD Performed

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

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

Data Element Comment

State

eDispatch.03 - EMD Card Number

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Data Type	minLength	maxLength
string	1	10

Data Element Comment

eDispatch.05 - Dispatch Priority (Patient Acuity)

Definition

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

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

Code List

Code	Description
2305001	Critical
2305003	Emergent
2305005	Lower Acuity
2305007	Non-Acute [e.g., Scheduled Transfer or Standby]

Data Element Comment

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

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

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

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

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

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

eCrew.01 - Crew Member ID

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E04_01	Is Nillable	No
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~~

~~7701005 - Not Reporting~~

Constraints

Data Type	minLength	maxLength
string	2	50

Data Element Comment

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

Certification numbers must be entered into the system in the same format as assigned by OEMS for both the certified providers and the non-certified affiliated members

Schematron Note:

Schematron rules are now in place to reject any record submitted that contains a crossed-out "Not" value for this element as shown above. Considerations are in place to allow certain "Not" values but only on records where required by NEMSIS and the quality of the data is not impacted. Rejected records must be corrected and submitted as required under Virginia state regulations. For questions regarding Schematron, please contact OEMS support.

eCrew.02 - Crew Member Level

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E04_03	Is Nillable	No
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

7701005 – Not Reporting

Code List

Code	Description
9925001	Advanced Emergency Medical Technician (AEMT)
9925003	2009 Emergency Medical Responder (EMR)
9925005	2009 Emergency Medical Technician (EMT)
9925007	2009 Paramedic
9925013	Emergency Medical Responder (EMR)
9925015	Emergency Medical Technician (EMT)
9925017	EMT-Intermediate
9925019	EMT-Paramedic
9925023	Other Healthcare Professional
9925025	Other Non-Healthcare Professional (i.e., Driver/Pilot/Third, etc.)
9925027	Physician
9925029	Respiratory Therapist
9925031	Student
9925033	Critical Care Paramedic
9925035	Community Paramedicine
9925037	Nurse Practitioner
9925039	Physician Assistant
9925041	Licensed Practical Nurse (LPN)
9925043	Registered Nurse

Data Element Comment

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

Codes with a strikethrough are either not used in Virginia or there is another option that can be used. For example, code 9925019 can be used for any Virginia licensed Paramedic therefore, code 9925007 is not needed.

Schematron Note:

Schematron rules are now in place to reject any record submitted that contains a value for this element not listed above or a crossed-out value for this element as shown above. Considerations are in place to allow certain "Not" values but only on records where required by NEMSIS and the quality of the data is not impacted. Rejected records must be corrected and submitted as required under Virginia state regulations. For questions regarding Schematron, please contact OEMS support.

State

eCrew.03 - Crew Member Response Role

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E04_02	Is Nillable	No
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

7701005 – Not Reporting

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Code List

Code	Description
2403001	Driver/Pilot-Response
2403003	Driver/Pilot-Transport
2403005	Other
2403007	Other Patient Caregiver-At Scene
2403009	Other Patient Caregiver-Transport
2403011	Primary Patient Caregiver-At Scene
2403013	Primary Patient Caregiver-Transport

Data Element Comment

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

Schematron Note:

Schematron rules are now in place to reject any record submitted that contains a value not shown above or any crossed-out "Not" value for this element. Considerations are in place to allow certain "Not" values but only on records where required by NEMSIS and the quality of the data is not impacted. Rejected records must be corrected and submitted as required under Virginia state regulations. For questions regarding Schematron, please contact OEMS support.

State

National

eTimes.01 - PSAP Call Date/Time

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

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

State

National

eTimes.03 - Unit Notified by Dispatch Date/Time

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

State

National

eTimes.05 - Unit En Route Date/Time

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

State

National

eTimes.06 - Unit Arrived on Scene Date/Time

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

State

National

eTimes.07 - Arrived at Patient Date/Time

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

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

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E05_08	Is Nillable	Yes
Usage	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

7701005 - Not Reporting

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

State

National

eTimes.09 - Unit Left Scene Date/Time

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

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

Definition

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

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

Constraints

Data Type	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

State

National

eTimes.11 - Patient Arrived at Destination Date/Time

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

State

National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

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

State

National

eTimes.13 - Unit Back in Service Date/Time

Definition

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

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

Associated Performance Measure Initiatives

Response

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

eTimes.14 - Unit Canceled Date/Time

Definition

The date/time the unit was canceled.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E05_12	Is Nillable	No
Usage	Required	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

This date/time is to be documented when the following dispositions are used:

4212007 Canceled (Prior to Arrival At Scene)

4212009 Canceled on Scene (No Patient Contact)

4212011 Canceled on Scene (No Patient Found)

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

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

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

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

State

ePatient.02 - Last Name

Definition

The patient's last (family) name

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Pertinent Negatives (PN)

8801019 - Refused

8801023 - Unable to Complete

Constraints

Data Type	minLength	maxLength
string	1	60

Data Element Comment

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

State

ePatient.03 - First Name

Definition

The patient's first (given) name

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E06_02	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Pertinent Negatives (PN)

8801019 - Refused

8801023 - Unable to Complete

Constraints

Data Type	minLength	maxLength
string	1	50

Data Element Comment

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

ePatient.06 - Patient's Home City

Definition

The patient's primary city or township of residence.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E06_05	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Data Element Comment

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

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

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

Some cities in Virginia are also reported through ePatient.07 (see that element for additional information).

State

National

ePatient.07 - Patient's Home County/City

Definition

The patient's home county (or city)* 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

The Commonwealth of Virginia is divided into 95 counties and 38 independent cities, which are considered county-equivalents for census purposes. In Virginia, all municipalities incorporated as towns are included within counties. Under Virginia law, all municipalities incorporated as cities are independent cities and are not part of any county.

Note: There are several counties and cities which share the same name, but are separate politically and in some cases by a significant distance. These include Fairfax, Franklin, Richmond, and Roanoke

To report the name of the city that an EMS incident occurred in or patient resides in, the list of 38 cities which can be found on page 285, must be reported also as a county. For example to report an incident that occurred in the City of Salem; the town (ePatient.06) would be reported as Salem and the county/city (ePatient.07) would be reported as "Salem (city)". This applies to the 38 cities found on page 285 of this data dictionary.

For a complete listing of all Virginia Counties and Independent Cities and how they shall be documented, refer to the Addendums found on page 284 (Virginia County Names) and page 285 (Virginia Independent City (County Equivalents) Names).

State

National

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

For a complete listing of all US States and US Territories and how they shall be documented, refer to the Addendum found on page 286.

State

National

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

State

National

ePatient.13 - Gender

Definition

The Patient's Gender

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

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

Data Element Comment

Note - The use of "Not Values" should be avoided when Patient Contact is documented. While 3rd party vendors will not be restricted from submitting "Not Values" as allowed by the standards, validation rules are in place to deduct points from records where "Not Values" are used when Patient Contact is documented.

State

National

ePatient.14 - Race

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

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

Data Element Comment

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

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

State

National

ePatient.15 - Age

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Data Type	minInclusive	maxInclusive
integer	1	120

Data Element Comment

State

National

ePatient.16 - Age Units

Definition

The unit used to define the patient's age

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

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

Data Element Comment

State

ePatient.17 - Date of Birth

Definition

The patient's date of birth

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Pertinent Negatives (PN)

8801019 - Refused

8801023 - Unable to Complete

Constraints

Data Type	minInclusive	maxInclusive
date	1890-01-01	2050-01-01

Data Element Comment

State

National

ePayment.01 - Primary Method of Payment

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

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

Data Element Comment

Only required for those agencies that bill for service.

State

National

ePayment.50 - CMS Service Level

Definition

The CMS service level for this EMS encounter.

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

Associated Performance Measure Initiatives

Airway Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

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

Data Element Comment

State

National

eScene.01 - First EMS Unit on Scene

Definition

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

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

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

eScene.04 - Type of Other Service at Scene

Definition

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

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

Code List

Code	Description
2704001	EMS Mutual Aid
2704003	Fire
2704005	First Responder
2704007	Hazmat
2704009	Law
2704011	Other
2704013	Other EMS Agency
2704015	Other Health Care Provider
2704017	Rescue
2704019	Utilities

Data Element Comment

Associated with each Other Service in eScene.02

State

National

eScene.06 - Number of Patients at Scene

Definition

Indicator of how many total patients were at the scene

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

Code	Description
2707001	Multiple
2707003	None
2707005	Single

Data Element Comment

State

National

eScene.07 - Mass Casualty Incident

Definition

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

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

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

State

National

eScene.08 - Triage Classification for MCI Patient

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

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

Data Element Comment

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

Examples of triage systems include START and SALT.

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

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

State

National

eScene.09 - Incident Location Type

Definition

The kind of location where the incident happened

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

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

Data Element Comment

The recommended Incident Location Type list is available on the NEMSIS website (refer to page 12 for site information).

If an agency or vendor needs to use additional values not found on the recommended list or is unable to determine the proper mappings, please contact OEMS for assistance.

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

ICD-10-CM

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

Product - UMLS Metathesaurus

State

eScene.15 - Incident Street Address

Definition

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

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

StreetAddress2**Data Type:** string**minLength:** 1**maxLength:** 255

Constraints

Data Type	minLength	maxLength
string	1	255

Data Element Comment

State

eScene.16 - Incident Apartment, Suite, or Room

Definition

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

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	1	15

Data Element Comment

eScene.17 - Incident City

Definition

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

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Data Element Comment

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

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

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

Note: Certain cities in Virginia are also reported through eScene.21. See that element for additional information.

State

National

eScene.18 - Incident State

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

[0-9]{2}

Data Element Comment

Based on the ANSI State Code.

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

For a complete listing of all US States and US Territories and how they shall be documented, refer to the Addendum found on page 286.

State

National

eScene.19 - Incident ZIP Code

Definition

The ZIP code of the incident location

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

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

Data Element Comment

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

State

National

eScene.21 - Incident County

Definition

The county or 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

The Commonwealth of Virginia is divided into 95 counties and 38 independent cities, which are considered county-equivalents for census purposes. In Virginia, all municipalities incorporated as towns are included within counties. Under Virginia law, all municipalities incorporated as cities are independent cities and are not part of any county.

Note: There are several counties and cities which share the same name, but are separate politically and in some cases by a significant distance. These include Fairfax, Franklin, Richmond, and Roanoke

To report the name of the city that an EMS incident occurred in or patient resides in, the list of 38 cities, found on page 285, must be reported also as a county. For example to report an incident that occurred in the City of Salem; the town (eScene.17) would be reported as Salem and the county/city (eScene.21) would be reported as "Salem (city)". This applies to the 38 cities found on page 285 of this data dictionary.

For a complete listing of all Virginia Counties and Independent Cities and how they shall be documented, refer to the Addendums found on page 284 (Virginia County Names) and page 285 (Virginia Independent City (County Equivalents) Names).

State

National

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

The intent of this element is to document the estimated date and time the patient was last known to be in their normal state.

Version 3 Changes Implemented

Added to better define the EMS patient event.

State

National

eSituation.02 - Possible Injury

Definition

Indication whether or not there was an injury

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code	Description
9922001	No
9922003	Unknown
9922005	Yes

Data Element Comment

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

eSituation.03 - Complaint Type

Definition

The type of patient healthcare complaint being documented.

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

7701005 - Not Reporting

Code List

Code	Description
2803001	Chief (Primary)
2803003	Other
2803005	Secondary

Data Element Comment

This was added to group complaints in a more efficient manner

Version 3 Changes Implemented

Added to improve data integrity.

State

eSituation.04 - Complaint

Definition

The statement of the problem by the patient or the history provider.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_05	Is Nillable	Yes
Usage	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

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	1	255

Data Element Comment

eSituation.05 - Duration of Complaint

Definition

The duration of the complaint

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_06	Is Nillable	Yes
Usage	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

7701005 - Not Reporting

Constraints

Data Type	minInclusive	maxInclusive
integer	1	365

Data Element Comment

Associated with eSituation.06 (Time Units of Duration of the Complaint).

eSituation.06 - Time Units of Duration of Complaint

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E09_07	Is Nillable	Yes
Usage	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

7701005 - Not Reporting

Code List

Code	Description
2806001	Seconds
2806003	Minutes
2806005	Hours
2806007	Days
2806009	Weeks
2806011	Months
2806013	Years

Data Element Comment

Associated with eSituation.05 (Duration of the Complaint).

State

National

eSituation.07 - Chief Complaint Anatomic Location

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

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

Data Element Comment

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

State

National

eSituation.08 - Chief Complaint Organ System

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

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

Data Element Comment

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

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

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

State

National

eSituation.09 - Primary Symptom

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

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

Data Element Comment

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

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

ICD-10-CM

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

Product - UMLS Metathesaurus

Since no pertinent negative(s) (i.e. none, no symptoms etc.) exist in the national dataset, "Not Applicable" should be used by Virginia EMS agencies when attempting to document that a patient did not have a primary symptom to report.

The recommended Primary Symptom list is available on the NEMSIS website (refer to page 12 for site information).

State

National

eSituation.10 - Other Associated Symptoms

Definition

Other symptoms identified by the patient or observed by EMS personnel

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Constraints

Pattern

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

Data Element Comment

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

ICD-10-CM

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

Product - UMLS Metathesaurus

The recommended Other Associated Symptom list is available on the NEMSIS website (refer to page 12 for site information).

eSituation.09 – Primary Symptom and eSituation.10 – Other Associated Symptoms is the suggested list that Virginia EMS agencies should use when setting up their agency's version 3 EMS software.

This list was developed in in cooperation with the State Data Managers Council and adopted the NEMSIS TAC. This suggested list narrows down the total of ICD-10-CM codes to approximately 150. This list was developed in cooperation with the State Data Managers Council and the NEMSIS TAC.

While all ICD-10-CM codes will be accepted in Virginia, it is HIGHLY recommended by VPHIB staffs, NEMSIS, and the State Data Managers, that this suggested list be utilized as much as possible by EMS software vendors and EMS agencies.

State

National

eSituation.11 - Provider's Primary Impression

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

(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: <http://nemsis.org/v3/resources.html>

ICD-10-CM

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

Product - UMLS Metathesaurus

The recommended Impression list is available on the NEMESIS website (refer to page 12 for site information).

This list was developed in in cooperation with the State Data Managers Council and adopted the NEMESIS TAC. This suggested list narrows down the total of ICD-10-CM codes to approximately 150. This list was developed in cooperation with the State Data Managers Council and the NEMESIS TAC.

While all ICD-10-CM codes will be accepted in Virginia, it is HIGHLY recommended by VPHIB staffs, NEMESIS, and the State Data Managers, that this suggested list be utilized as much as possible by EMS software vendors and EMS agencies.

State

National

eSituation.12 - Provider's Secondary Impressions

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Constraints

Pattern

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

Data Element Comment

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

ICD-10-CM

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

Product - UMLS Metathesaurus

The recommended Impression list is available on the NEMSIS website (refer to page 12 for site information).

This list was developed in in cooperation with the State Data Managers Council and adopted the NEMSIS TAC. This suggested list narrows down the total of ICD-10-CM codes to approximately 150. This list was developed in cooperation with the State Data Managers Council and the NEMSIS TAC.

While all ICD-10-CM codes will be accepted in Virginia, it is HIGHLY recommended by VPHIB staffs, NEMSIS, and the State Data Managers, that this suggested list be utilized as much as possible by EMS software vendors and EMS agencies.

State

National

eSituation.13 - Initial Patient Acuity

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

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

Data Element Comment

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

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

eSituation.18 - Date/Time Last Known Well

Definition

The estimated date and time the patient was last known to be well or in their usual state of health. This is described or estimated by the patient, family, and/or bystanders.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Constraints

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

Pattern

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

Data Element Comment

For stroke related events, this is the date and time the patient was last seen normal. For cardiac or respiratory arrest related events, this is the date and time the patient was last known to have a pulse or when interaction was had with the patient. For drowning related events, this is the date and time the patient was last seen. For injury or trauma related events, this is the date and time the patient was injured.

State

National

eInjury.01 - Cause of Injury

Definition

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

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

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Constraints

Pattern

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

Data Element Comment

The recommended Cause of Injury list is available on the NEMSIS website (refer to page 12 for site information).

This list was developed in in cooperation with the State Data Managers Council and adopted by the NEMSIS TAC. This suggested list narrows down the total of ICD-10-CM codes to approximately 150. This list was developed in cooperation with the State Data Managers Council and the NEMSIS TAC.

While all ICD-10-CM codes will be accepted in Virginia, it is HIGHLY recommended by VPHIB staffs, NEMSIS, and the State Data Managers, that this suggested list be utilized as much as possible by EMS software vendors and EMS agencies.

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

Code list is represented in ICD-10 Codes.
 Website - <http://uts.nlm.nih.gov>
 Product - UMLS Metathesaurus

State

eInjury.02 - Mechanism of Injury

Definition

The mechanism of the event which caused the injury

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E10_03	Is Nillable	Yes
Usage	Required	Recurrence	1: M

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Code List

Code	Description
2902001	Blunt
2902003	Burn
2902005	Other
2902007	Penetrating

Data Element Comment

State

National

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

CorrelationID**Data Type:** string **minLength:** 0 **maxLength:** 255

Code List

Code	Description
2903001	Amputation proximal to wrist or ankle
2903003	Crushed, degloved, mangled, or pulseless extremity
2903005	Chest wall instability or deformity (e.g., flail chest)
2903007	Glasgow Coma Score <= 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.

Code 7701001 - Not Applicable should be used when none of the values listed in the code list for element eInjury.03 apply.

Version 3 Changes Implemented

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

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

State

National

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

Definition

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

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

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID**Data Type:** string **minLength:** 0 **maxLength:** 255

Code List

Code	Description
2904001	Auto v. Pedestrian/Bicyclist Thrown, Run Over, or > 20 MPH Impact
2904003	Fall Adults: > 20 ft. (one story is equal to 10 ft.)
2904005	Fall Children: > 10 ft. or 2-3 times the height of the child
2904007	Crash Death in Same Passenger Compartment
2904009	Crash Ejection (partial or complete) from 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

* Pertinent Negative added (code 8801005 - Exam Finding Not Present)

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/FieldTriage/>.

Version 3 Changes Implemented

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

State

eInjury.05 - Main Area of the Vehicle Impacted by the Collision

Definition

The area or location of initial impact on the vehicle based on 12-point clock diagram.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E10_05	Is Nillable	No
Usage	Required	Recurrence	1 : 1

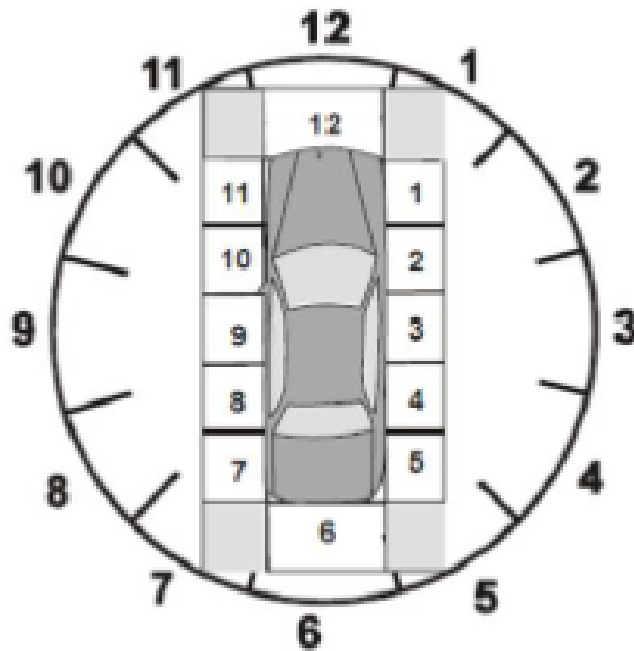
Constraints

Data Type	minInclusive	maxInclusive
integer	1	12

Data Element Comment

The front of the vehicle is 12, passenger (right) side is 3, rear is 6, etc.

Based on MMUCC via areas(s) of impact & FARS coding manual clock diagram.



State

eInjury.06 - Location of Patient in Vehicle

Definition

The seat row location of the vehicle at the time of the crash with the front seat numbered as 1

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E10_06	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Code List

Code	Description
2906001	Front Seat-Left Side (or motorcycle driver)
2906003	Front Seat-Middle
2906005	Front Seat-Right Side
2906007	Passenger in other enclosed passenger or cargo area (non-trailing unit such as a bus, etc.)
2906009	Passenger in unenclosed passenger or cargo area (non-trailing unit such as a pickup, etc.)
2906011	Riding on Vehicle Exterior (non-trailing unit)
2906013	Second Seat-Left Side (or motorcycle passenger)
2906015	Second Seat-Middle
2906017	Second Seat-Right Side
2906019	Sleeper Section of Cab (truck)
2906021	Third Row-Left Side (or motorcycle passenger)
2906023	Third Row-Middle
2906025	Third Row-Right Side
2906027	Trailing Unit
2906029	Unknown

Data Element Comment

MMUCC P6 data element

State

eInjury.07 - Use of Occupant Safety Equipment

Definition

Safety equipment in use by the patient at the time of the injury

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E10_08	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Code List

Code	Description
2907001	Child Booster Seat
2907003	Eye Protection
2907005	Helmet Worn
2907007	Infant Car Seat Forward Facing
2907009	Infant Car Seat Rear Facing
2907015	None
2907017	Other
2907019	Personal Floatation Device
2907021	Protective Clothing
2907023	Protective Non-Clothing Gear
2907027	Shoulder and Lap Belt Used
2907029	Lap Belt Only Used
2907031	Shoulder Belt Only Used

Data Element Comment

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

State

eInjury.08 - Airbag Deployment

Definition

Indication of Airbag Deployment

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E10_09	Is Nillable	No
Usage	Required	Recurrence	1 : M

Attributes

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Code List

Code	Description
2908001	Airbag Deployed Front
2908003	Airbag Deployed Side
2908005	Airbag Deployed Other (knee, air belt, etc.)
2908007	No Airbag Deployed
2908009	No Airbag Present

Data Element Comment

MMUCC P8 data element baseline was used for this element.

State

eInjury.09 - Height of Fall (feet)

Definition

The distance in feet the patient fell, measured from the lowest point of the patient to the ground

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E10_10	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Constraints

Data Type	minInclusive	maxInclusive
integer	0	10000

Data Element Comment

Classify same level falls as 0 feet

State

National

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".

State

National

eArrest.02 - Cardiac Arrest Etiology

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

Code	Description
3002001	Cardiac (Presumed)
3002003	Drowning/Submersion
3002005	Drug Overdose
3002007	Electrocution
3002009	Exsanguination
3002011	Other
3002013	Respiratory/Asphyxia
3002015	Trauma

Data Element Comment

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

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

State

National

eArrest.03 - Resuscitation Attempted By EMS

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

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

Data Element Comment

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

State

National

eArrest.04 - Arrest Witnessed By

Definition

Indication of who the cardiac arrest was witnessed by

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Code List

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

Data Element Comment

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

State

National

eArrest.05 - CPR Care Provided Prior to EMS Arrival

Definition

Documentation of the CPR provided prior to EMS arrival

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

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

State

eArrest.06 - Who Provided CPR Prior to EMS Arrival

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

CorrelationID

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

Code List

Code	Description
3006001	Family Member
3006003	First Responder (Fire, Law, EMS)
3006005	Healthcare Professional (Non-EMS)
3006007	Lay Person (Non-Family)
3006009	Other EMS Professional (not part of dispatched response)

Data Element Comment

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

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

State

National

eArrest.07 - AED Use Prior to EMS Arrival

Definition

Documentation of AED use Prior to EMS Arrival

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

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

Data Element Comment

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

eArrest.08 - Who Used AED Prior to EMS Arrival

Definition

Documentation of who used the AED prior to this EMS unit's arrival.

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

CorrelationID

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

Code List

Code	Description
3008001	Family Member
3008003	First Responder (Fire, Law, EMS)
3008005	Healthcare Professional (Non-EMS)
3008007	Lay Person (Non-Family)
3008009	Other EMS Professional (not part of dispatched response)

Data Element Comment

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

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

State

National

eArrest.09 - Type of CPR Provided

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

Code	Description
3009001	Compressions-Continuous
3009003	Compressions-External Band Type Device
3009005	Compressions-External Plunger Type Device
3009007	Compressions-External Thumper Type Device
3009009	Compressions-Intermittent with Ventilation
3009011	Compressions-Other Device
3009013	Ventilation-Bag Valve Mask
3009015	Ventilation-Impedance Threshold Device
3009017	Ventilation-Mouth to Mouth
3009019	Ventilation-Pocket Mask

Data Element Comment

Added to capture special CPR techniques.

State

National

eArrest.11 - First Monitored Arrest Rhythm of the Patient

Definition

Documentation of what the first monitored arrest rhythm which was noted

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

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

Data Element Comment

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

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

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

Code 3011003 (Bradycardia) has been removed from the National standard.

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

State

National

eArrest.12 - Any Return of Spontaneous Circulation

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Code List

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

Data Element Comment

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

This element needs to be documented when the patient has been in cardiac 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.

State

National

eArrest.14 - Date/Time of Cardiac Arrest

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

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

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

eArrest.15 - Date/Time Resuscitation Discontinued

Definition

The date/time resuscitation was discontinued.

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

State

National

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	DDNR/DNR, POST Orders, Other Orders
3016003	Medical Control Order
3016005	Obvious Signs of Death
3016007	Physically Unable to Perform
3016009	Protocol/Policy Requirements Completed
3016011	Return of Spontaneous Circulation (pulse or BP noted)

Data Element Comment

Added Resuscitation to Title to allow better documentation of disposition.

State

National

eArrest.17 - Cardiac Rhythm on Arrival at Destination

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

Code	Description
9901001	Agonal/Idioventricular
9901003	Asystole
9901005	Artifact
9901007	Atrial Fibrillation
9901009	Atrial Flutter
9901011	AV Block-1st Degree
9901013	AV Block-2nd Degree-Type 1
9901015	AV Block-2nd Degree-Type 2
9901017	AV Block-3rd Degree
9901019	Junctional
9901021	Left Bundle Branch Block
9901023	Non-STEMI Anterior Ischemia
9901025	Non-STEMI Inferior Ischemia
9901027	Non-STEMI Lateral Ischemia
9901029	Non-STEMI Posterior Ischemia
9901031	Other
9901033	Paced Rhythm
9901035	PEA
9901037	Premature Atrial Contractions
9901039	Premature Ventricular Contractions
9901041	Right Bundle Branch Block
9901043	Sinus Arrhythmia
9901045	Sinus Bradycardia
9901047	Sinus Rhythm
9901049	Sinus Tachycardia
9901051	STEMI Anterior Ischemia
9901053	STEMI Inferior Ischemia
9901055	STEMI Lateral Ischemia
9901057	STEMI Posterior Ischemia
9901059	Supraventricular Tachycardia
9901061	Torsades De Points
9901063	Unknown AED Non-Shockable Rhythm
9901065	Unknown AED Shockable Rhythm
9901067	Ventricular Fibrillation
9901069	Ventricular Tachycardia (With Pulse)
9901071	Ventricular Tachycardia (Pulseless)

Data Element Comment

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

State

National

eArrest.18 - End of EMS Cardiac Arrest Event

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

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

Data Element Comment

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

Version 3 Changes Implemented

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

State

eArrest.19 - Date/Time of Initial CPR

Definition

The initial date and time that CPR was started by anyone.

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

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

State

National

eHistory.01 - Barriers to Patient Care

Definition

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

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Code List

Code	Description
3101001	Cultural, Custom, Religious
3101003	Developmentally Impaired
3101005	Hearing Impaired
3101007	Language
3101009	None Noted
3101011	Obesity
3101013	Physical Barrier (Unable to Access Patient)
3101015	Physically Impaired
3101017	Physically Restrained
3101019	Psychologically Impaired
3101021	Sight Impaired
3101023	Speech Impaired
3101025	Unattended or Unsupervised (including minors)
3101027	Unconscious
3101029	Uncooperative
3101031	State of Emotional Distress
it3101.107	Facility Security (Screening)

Data Element Comment

eHistory.08 - Medical/Surgical History

Definition

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

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E12_10	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Pertinent Negatives (PN)

8801015 - None Reported

8801019 - Refused

8801023 - Unable to Complete

8801021 - Unresponsive

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Constraints

Pattern

([A-QRSTZ][0-9][0-9A-Z])(\.[0-9A-Z]{1,3}?)|[0-9A-HJ-NP-Z]{3,7}

Data Element Comment

The Medical/Surgical History pattern has been extended to include ICD-10-CM: Diagnosis Codes and ICD-10-PCS: Procedural Health Intervention Codes.

ICD-10-CM: Diagnosis Codes.

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

Product - UMLS Metathesaurus

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

ICD-10-PCS has a seven character alphanumeric code structure. Each character contains up to 34 possible values. Each value represents a specific option for the general character definition (e.g., stomach is one of the values for the body part character).

The ten digits 0-9 and the 24 letters A-H,J-N and P-Z may be used in each character. The letters O and I are not used in order to avoid confusion with the digits 0 and 1. There are no decimals in ICD-10-PCS.

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

Product - UMLS Metathesaurus

Note - The use of "Not Values" should be avoided when Patient Contact is documented. While 3rd party vendors will not be restricted from submitting "Not Values" as allowed by the standards, validation rules are in place to deduct points from records where "Not Values" are used when Patient Contact is documented.

eHistory.12 - Current Medications

Definition

The medications the patient currently takes

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E12_14	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Pertinent Negatives (PN)

8801015 - None Reported

8801019 - Refused

8801021 - Unresponsive

8801023 - Unable to Complete

Constraints

Data Type	minLength	maxLength
string	2	7

Data Element Comment

List of medications based on RxNorm (RXCU) code.

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

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

State

National

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

CorrelationID**Data Type:** string **minLength:** 0 **maxLength:** 255

Code List

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

Data Element Comment

State

eNarrative.01 - Patient Care Report Narrative

Definition

The narrative of the patient care report (PCR).

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E13_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	1	10000

Data Element Comment

State

National

eVitals.01 - Date/Time Vital Signs Taken

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

State

National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

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

State

National

eVitals.03 - Cardiac Rhythm / Electrocardiography (ECG)

Definition

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

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

Associated Performance Measure Initiatives

Cardiac Arrest STEMI

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

CorrelationID

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

Code List

Code	Description
9901001	Agonal/Idioventricular
9901003	Asystole
9901005	Artifact
9901007	Atrial Fibrillation
9901009	Atrial Flutter
9901011	AV Block-1st Degree
9901013	AV Block-2nd Degree-Type 1
9901015	AV Block-2nd Degree-Type 2
9901017	AV Block-3rd Degree
9901019	Junctional
9901021	Left Bundle Branch Block
9901023	Non-STEMI Anterior Ischemia
9901025	Non-STEMI Inferior Ischemia
9901027	Non-STEMI Lateral Ischemia
9901029	Non-STEMI Posterior Ischemia
9901031	Other
9901033	Paced Rhythm
9901035	PEA
9901037	Premature Atrial Contractions
9901039	Premature Ventricular Contractions
9901041	Right Bundle Branch Block
9901043	Sinus Arrhythmia
9901045	Sinus Bradycardia
9901047	Sinus Rhythm
9901049	Sinus Tachycardia
9901051	STEMI Anterior Ischemia
9901053	STEMI Inferior Ischemia
9901055	STEMI Lateral Ischemia
9901057	STEMI Posterior Ischemia
9901059	Supraventricular Tachycardia
9901061	Torsades De Points
9901063	Unknown AED Non-Shockable Rhythm
9901065	Unknown AED Shockable Rhythm
9901067	Ventricular Fibrillation
9901069	Ventricular Tachycardia (With Pulse)
9901071	Ventricular Tachycardia (Pulseless)

State

National

eVitals.04 - ECG Type

Definition

The type of ECG associated with the cardiac rhythm.

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

Associated Performance Measure Initiatives

STEMI

Attributes

NOT Values (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.

State

National

eVitals.05 - Method of ECG Interpretation

Definition

The method of ECG interpretation.

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

Associated Performance Measure Initiatives

STEMI

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

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

Data Element Comment

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

Version 3 Changes Implemented

Added to better document ECG results.

State

National

eVitals.06 - SBP (Systolic Blood Pressure)

Definition

The patient's systolic blood pressure.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (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.

eVitals.07 - DBP (Diastolic Blood Pressure)

Definition

The patient's diastolic blood pressure.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_05	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

8801019 - Refused

8801023 - Unable to Complete

Constraints

Pattern

[5][0][0][1-4][0-9][0-9][0][1-9][0-9]Pp

Data Element Comment

Diastolic blood pressure pattern allows for the following values:

- 1) A number 0 through 500
- 2) P
- 3) p

State

National

eVitals.08 - Method of Blood Pressure Measurement

Definition

Indication of method of blood pressure measurement.

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

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

Data Element Comment

State

National

eVitals.10 - Heart Rate

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

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

Constraints

Data Type	minInclusive	maxInclusive
integer	0	500

Data Element Comment

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

State

National

eVitals.12 - Pulse Oximetry

Definition

The patient's oxygen saturation.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

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

Constraints

Data Type	minInclusive	maxInclusive
integer	0	100

Data Element Comment

State

National

eVitals.14 - Respiratory Rate

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

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

Constraints

Data Type	minInclusive	maxInclusive
integer	0	300

Data Element Comment

eVitals.15 - Respiratory Effort

Definition

The patient's respiratory effort.

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

Code List

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

Data Element Comment

State

National

eVitals.16 - End Tidal Carbon Dioxide (ETCO2)

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Constraints

Data Type	minInclusive	maxInclusive
integer	0	200

Data Element Comment

State

National

eVitals.18 - Blood Glucose Level

Definition

The patient's blood glucose level.

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

Associated Performance Measure Initiatives

Pediatric Stroke

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Constraints

Data Type	minInclusive	maxInclusive
integer	0	2000

Data Element Comment

National Standard Recommendation

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

Agencies in Virginia should follow their OMD recommendations for what to record in this situation.

State

National

eVitals.19 - Glasgow Coma Score-Eye

Definition

The patient's Glasgow Coma Score Eye opening.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Code List

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

Data Element Comment

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

State

National

eVitals.20 - Glasgow Coma Score-Verbal

Definition

The patient's Glasgow Coma Score Verbal.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Code List

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

Data Element Comment

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

State

National

eVitals.21 - Glasgow Coma Score-Motor

Definition

The patient's Glasgow Coma Score Motor

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Code List

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

Data Element Comment

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

State

National

eVitals.22 - Glasgow Coma Score-Qualifier

Definition

Documentation of factors which make the GCS score more meaningful.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

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

Data Element Comment

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

eVitals.23 - Total Glasgow Coma Score

Definition

The patient's total Glasgow Coma Score.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E14_19	Is Nillable	Yes
Usage	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

7701005 - Not Reporting

Pertinent Negatives (PN)

8801019 - Refused

8801023 - Unable to Complete

Constraints

Data Type	minInclusive	maxInclusive
integer	3	15

Data Element Comment

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

State

National

eVitals.26 - Level of Responsiveness (AVPU)

Definition

The patient's highest level of responsiveness.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code	Description
3326001	Alert
3326003	Verbal
3326005	Painful
3326007	Unresponsive

Data Element Comment

Definition changed to indicate highest level of responsiveness.

State

National

eVitals.27 - Pain 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. The pain scale type used should have a numeric value associated with each diagram as appropriate. If the pain scale type utilizes multiple indicators/categories the total should be calculated and entered for the pain score associated with the patient assessment.

State

National

eVitals.29 - Stroke Scale Score

Definition

The findings or results of the Stroke Scale Type (eVitals.30) used to assess the patient exhibiting stroke-like symptoms.

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

Associated Performance Measure Initiatives

Stroke

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Code List

Code	Description
3329001	Negative
3329003	Non-Conclusive
3329005	Positive

Data Element Comment

State

National

eVitals.30 - Stroke Scale Type

Definition

The type of stroke pain scale used.

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

Associated Performance Measure Initiatives

Stroke

Attributes

NOT Values (NV)

7701001 - Not Applicable

~~7701003 - Not Recorded~~

Code List

Code	Description
3330001	Cincinnati
3330003	Los Angeles
3330005	Massachusetts
3330007	Miami Emergency Neurologic Deficit (MEND)
3330009	NIH
3330011	Other Stroke Scale Type
3330013	F.A.S.T. Exam
it3330.101	RACE (Rapid Arterial Occlusion Evaluation)
it3330.102	VAN (Vision, Aphasia, Neglect)

Data Element Comment

Version 3 Changes Implemented

Added to include additional detail on the stroke scale used.

While not all of the above choices may be used, they are all being included as to give the agencies the flexibility to report any nationally tracked scale used.

State

National

eVitals.31 - Reperfusion Checklist

Definition

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

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

Associated Performance Measure Initiatives

STEMI Stroke

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Code List

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

Data Element Comment

Name changed from Thrombolytic Screen

eVitals.32 - APGAR

Definition

The patient's total APGAR score (0-10).

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E14_26	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

Pertinent Negatives (PN)

8801023 - Unable to Complete

Constraints

Data Type	minInclusive	maxInclusive
integer	0	10

Data Element Comment

Recommended to be taken at 1 and 5 minutes after the infants birth

State

eExam.01 - Estimated Body Weight in Kilograms

Definition

The patient's body weight in kilograms either measured or estimated

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E16_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Pediatric

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Pertinent Negatives (PN)

8801023 - Unable to Complete

Constraints

Data Type	totalDigits	fractionDigits	minInclusive	maxInclusive
decimal	4	1	0.1	999.9

Data Element Comment

State

eExam.02 - Length Based Tape Measure

Definition

The length-based color as taken from the tape.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	Yes	NOT Values	Yes
Version 2 Element	E16_02	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Pediatric

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Pertinent Negatives (PN)

8801019 - Refused

8801023 - Unable to Complete

Code List

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

Data Element Comment

eExam.04 - Skin Assessment

Definition

The assessment findings associated with the patient's skin.

National Element	No	Pertinent Negatives (PN)	Yes
State Element	No	NOT Values	No
Version 2 Element	E16_04	Is Nillable	No
Usage	Required	Recurrence	1 : M

Attributes

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Code List

Code	Description
3504001	Clammy
3504003	Cold
3504005	Cyanotic
3504007	Diaphoretic
3504009	Dry
3504011	Flushed
3504013	Hot
3504015	Jaundiced
3504017	Lividity
3504019	Mottled
3504021	Normal
3504023	Not Done
3504025	Pale
3504027	Poor Turgor
3504029	Red (Erythematous)
3504031	Tenting
3504033	Warm
3504035	Capillary Nail Bed Refill less than 2 seconds
3504037	Capillary Nail Bed Refill 2-4 seconds
3504039	Capillary Nail Bed Refill more than 4 seconds

Data Element Comment

Element eExam.04 - Skin Assessment represents Version 2.2.1 elements E15_01 NHTSA Injury Matrix External/Skin and E16_04 Skin Assessment. The element value choices have been combined and expanded.

State

National

eProtocols.01 - Protocols Used

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code Description

9914001 Airway
 9914003 Airway-Failed
 9914005 Airway-Obstruction/Foreign Body
 9914007 Airway-Rapid Sequence Induction (RSI-Paralytic)
 9914009 Airway-Sedation Assisted (Non-Paralytic)
 9914011 Cardiac Arrest-Asystole
 9914201 Cardiac Arrest-Determination of Death/Withholding Resuscitative Efforts
 9914169 Cardiac Arrest-Do Not Resuscitate
 9914013 Cardiac Arrest-Hypothermia-Therapeutic
 9914019 Cardiac Arrest-Post Resuscitation Care
 9914015 Cardiac Arrest-Pulseless Electrical Activity
 9914171 Cardiac Arrest-Special Resuscitation Orders
 9914087 Cardiac Arrest-Traumatic Arrest
 9914055 Cardiac Arrest-Unknown Rhythm (i.e. BLS)
 9914017 Cardiac Arrest-V-Fib/Pulseless V-Tach
 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
 9914167 Exposure-Carbon Monoxide
 9914041 Exposure-Chemicals to Eye(s)
 9914043 Exposure-Cyanide
 9914045 Exposure-Explosive/Blast Injury
 9914047 Exposure-Nerve Agents
 9914049 Exposure-Radiologic Agents
 9914173 Exposure-Smoke Inhalation
 9914051 General-Back Pain
 9914053 General-Behavioral/Patient Restraint
 9914057 General-Dental Problems
 9914059 General-Epistaxis
 9914177 General-Exception Protocol
 9914179 General-Extended Care Guidelines
 9914061 General-Fever
 9914063 General-Individualized Patient Protocol
 9914065 General-Indwelling Medical Devices/Equipment

9914181 General-Interfacility Transfer
9914067 General-IV/IO/Vascular Access
9914185 General-Law Enforcement-Assist with Law Enforcement Activity
9914183 General-Law Enforcement-Blood for Legal Purposes
9914069 General-Medical Device Malfunction
9914187 General-Neglect or Abuse Suspected
9914071 General-Pain Control
9914189 General-Refusal of Care
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
9914213 Injury-Burns-Topical Chemical
9914203 Injury-Conducted Electrical Weapons (e.g., Taser)
9914089 Injury-Crush Syndrome
9914091 Injury-Diving Emergencies
9914093 Injury-Drowning/Near Drowning
9914095 Injury-Electrical Injuries
9914097 Injury-Extremity
9914099 Injury-Eye
9914205 Injury-Facial Trauma
9914207 Injury-General Trauma Management
9914101 Injury-Head
9914103 Injury-Impaled Object
9914209 Injury-Lightning/Lightning Strike
9914191 Injury-Mass/Multiple Casualties
9914105 Injury-Multisystem
9914211 Injury-SCUBA Injury/Accidents
9914107 Injury-Spinal Cord
9914193 Injury-Thoracic
9914109 Medical-Abdominal Pain
9914195 Medical-Adrenal Insufficiency
9914111 Medical-Allergic Reaction/Anaphylaxis
9914113 Medical-Altered Mental Status
9914197 Medical-Apparent Life Threatening Event (ALTE)
9914115 Medical-Bradycardia
9914117 Medical-Chest Pain-Cardiac Suspected
9914121 Medical-Diabetic-Hyperglycemia
9914125 Medical-Diabetic-Hypoglycemia
9914119 Medical-Diarrhea
9914123 Medical-Hypertension
9914127 Medical-Hypotension/Shock (Non-Trauma)
9914129 Medical-Influenza-Like Illness/Upper Respiratory Infection
9914131 Medical-Nausea/Vomiting
9914133 Medical-Newborn/Neonatal Resuscitation
9914215 Medical-Overdose/Poisoning-Beta Blocker
9914217 Medical-Overdose/Poisoning-Calcium Channel Blocker
9914219 Medical-Overdose/Poisoning-Opioid
9914225 Medical-Overdose/Poisoning-Stimulant
9914135 Medical-Overdose/Poisoning/Toxic Ingestion
9914137 Medical-Pulmonary Edema/CHF
9914221 Medical-Respiratory Distress-Bronchiolitis
9914223 Medical-Respiratory Distress-Croup
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
9914199 Medical-Tachycardia
9914151 Medical-Ventricular Tachycardia with Pulse
9914153 Not Done
9914155 OB/GYN-Childbirth/Labor/Delivery
9914157 OB/GYN-Eclampsia
9914159 OB/GYN-Gynecologic Emergencies
9914163 OB/GYN-Post-partum Hemorrhage
9914161 OB/GYN-Pregnancy Related Emergencies
9914165 Other

Additional Codes:

- it9914.124 Exposure-Hydrogen Fluoride/Hydrofluoric Acid
- it9914.125 Exposure-Hydrogen Sulfide
- it9914.126 Exposure-Methemoglobin Forming Compound
- it9914.108 General-Behavioral/Combative Patient
- it9914.120 General-Communications Failure
- it9914.119 General-Management of Patient in Police Custody
- it9914.121 General-Pediatric Transportation
- it9914.128 General-Response to Domestic Violence
- it9914.112 Injury-Sexual Assault
- it9914.122 Medical-Alcohol Related Emergency
- it9914.113 Medical-Left Ventricular Assist Device (LVAD)
- it9914.123 Medical-Pneumonia
- it9914.115 Medical-Sepsis
- it9914.127 OB/GYN-Prolapsed Umbilical Cord
- it9914.346 Pandemic

Data Element Comment

The national standard only allows for a single choice of protocols used. It is understood that the treatment provided may be directed by more than one protocol. The EMS provider should document the primary protocol used to direct care just as they would identify a chief complaint when more than one complaint exist.

The use of code 9914165 (Other) should be avoided if possible. If an agency needs additional protocols added to the Virginia System, a request should be submitted OEMS via the [VPHIB Support Suite](#).

State

National

eProtocols.02 - Protocol Age Category

Definition

The age group the protocol is written to address

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code	Description
3602001	Adult Only
3602003	General
3602005	Pediatric Only

Data Element Comment

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

State

National

eMedications.01 - Date/Time Medication Administered

Definition

The date/time medication administered to the patient

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

State

National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

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

State

National

eMedications.03 - Medication Given

Definition

The medication given to the patient

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

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

Constraints

Data Type	minLength	maxLength
string	2	7

Data Element Comment

The medication list is stored as the RxNorm (RXCU) Code. The recommended Incident Location Type list is available on the NEMSIS website (refer to page 12 for site information).

For additional information, see the "Accepted Value List" section in the beginning of this document.

List of medications based on RxNorm (RXCU) code.

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

RxNorm

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

Product - UMLS Metathesaurus

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

Product - RxNorm Full Monthly Release

Special Note - Custom value "itRX.001 - Blood Products" is active and can be submitted when appropriate.

eMedications.04 - Medication Administered Route

Definition

The route medication was administered to the patient

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E18_04	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Code List

Code	Description
9927001	Blow-By
9927003	Buccal
9927005	Endotracheal Tube (ET)
9927007	Gastrostomy Tube
9927009	Inhalation
9927011	Intraarterial
9927013	Intradermal
9927015	Intramuscular (IM)
9927017	Intranasal
9927019	Intraocular
9927021	Intraosseous (IO)
9927023	Intravenous (IV)
9927025	Nasal Cannula
9927027	Nasogastric
9927029	Nasotracheal Tube
9927031	Non-Rebreather Mask
9927033	Ophthalmic
9927035	Oral
9927037	Other/miscellaneous
9927039	Otic
9927041	Re-breather mask
9927043	Rectal
9927045	Subcutaneous
9927047	Sublingual
9927049	Topical
9927051	Tracheostomy
9927053	Transdermal
9927055	Urethral
9927057	Ventimask
9927059	Wound
9927061	Portacath

Data Element Comment

This medication route list represents a sub-group of values from the Data Elements for Emergency Department Systems (DEEDS), pertaining to prehospital care.

DEEDS Version 1.0 was utilized for this list: <http://www.sciencedirect.com/science/article/pii/S0196064498703178>. The list can be found on page 152 of 274 of the PDF document in Section 5, 5.13 Current Therapeutic Medication Route

State

National

eMedications.05 - Medication Dosage

Definition

The dose or amount of the medication given to the patient

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

Data Type	totalDigits	fractionDigits
decimal	9	3

Data Element Comment

State

National

eMedications.06 - Medication Dosage Units

Definition

The unit of medication dosage given to patient

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

Code	Description
3706001	Grams (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

State

National

eMedications.07 - Response to Medication

Definition

The patient's response to the medication

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

Data Element Comment

State

National

eMedications.08 - Medication Complication

Definition

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

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Code List

Code	Description
3708001	Altered Mental Status
3708003	Apnea
3708005	Bleeding
3708007	Bradycardia
3708009	Bradypnea
3708011	Diarrhea
3708013	Extravasation
3708015	Hypertension
3708017	Hyperthermia
3708019	Hypotension
3708021	Hypothermia
3708023	Hypoxia
3708025	Injury
3708029	Nausea
3708031	None
3708033	Other
3708035	Respiratory Distress
3708037	Tachycardia
3708039	Tachypnea
3708041	Vomiting
3708043	Itching
3708045	Urticaria

Data Element Comment

State

eMedications.09 - Medication Crew (Healthcare Professionals) ID

Definition

The OEMS assigned ID number of the EMS crew member giving the medication to the patient

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E18_09	Is Nillable	Yes
Usage	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

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	50

Data Element Comment

State

National

eMedications.10 - Role/Type of Person Administering Medication

Definition

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

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

Attributes

NOT Values (NV)

7701001 – Not Applicable

7701003 – Not Recorded

Code List

Code	Description
9905001	Advanced Emergency Medical Technician (AEMT)
9905003	2009 Emergency Medical Responder (EMR)
9905005	2009 Emergency Medical Technician (EMT)
9905007	2009 Paramedic
9905009	Emergency Medical Technician (EMT)
9905011	EMT-Intermediate
9905013	EMT-Paramedic
9905015	Emergency Medical Responder (EMR)
9905019	Other Healthcare Professional
9905021	Other Non-Healthcare Professional (i.e. Driver, Pilot, etc)
9905023	Patient/Lay Person
9905025	Physician
9905027	Respiratory Therapist
9905029	Student
9905034	Critical Care Paramedic
9905033	Community Paramedic
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.

Codes with a strikethrough are either not used in Virginia or there is another option that can be used. For example, code 9905013 can be used for any Virginia licensed Paramedic therefore, code 9905007 is not needed.

Version 3 Changes Implemented

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

Schematron Note:

Schematron rules are now in place to reject any record submitted that contains a crossed-out value for this element as shown above. Considerations are in place to allow certain "Not" values but only on records where required by NEMSIS and the quality of the data is not impacted. Rejected records must be corrected and submitted as required under Virginia state regulations. For questions regarding Schematron, please contact OEMS support.

eMedications.11 - Medication Authorization

Definition

The type of treatment authorization obtained

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E18_10	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Code List

Code	Description
9918001	On-Line (Remote Verbal Order)
9918003	On-Scene
9918005	Protocol (Standing Order)
9918007	Written Orders (Patient Specific)

Data Element Comment

State

National

eProcedures.01 - Date/Time Procedure Performed

Definition

The date/time the procedure was performed on the patient

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

State

National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

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

State

National

eProcedures.03 - Procedure

Definition

The procedure performed on the patient.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

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

Constraints

Data Type	maxInclusive	minInclusive
integer	9999999999999999	100000

Data Element Comment

While all SNOMED codes will be accepted in Virginia, it is hoped by VPHIB staffs, NEMSIS, and the State Data Managers, that this suggested list be utilized as much as possible by EMS software vendors and EMS agencies. Additional SNOMED codes not listed on the State's procedure list will need to be requested to be added into the State system. This will assure proper use and validations can be in place for other SNOMED codes.

The recommended procedure list is available on the NEMSIS website (refer to page 12 for site information).

For additional information, see the "Accepted Value List" section in the beginning of this document.

Procedures which are recorded as a Vital Sign do not have to be documented in the Procedure Section.

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

SNOMEDCT

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

Product: Product - UMLS Metathesaurus

Special Note. The following procedure codes are active and can be submitted when appropriate:

itSNOMED.022 - i-gel

itSNOMED.034 - Intubation - Medication Assisted Airway

itSNOMED.006 - CV - ECG - 4 Lead Monitoring

itSNOMED.036 - CV - ECG - 5 Lead Monitoring

eProcedures.04 - Size of Procedure Equipment

Definition

The size of the equipment used in the procedure on the patient

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E19_04	Is Nillable	No
Usage	Required	Recurrence	1 : 1

Constraints

Data Type	minLength	maxLength
string	1	20

Data Element Comment

While this is a required field, it is assumed that equipment size will be omitted in those circumstances when the size of the equipment does not factor into the procedure that was performed. For example, when an EKG unit is used, it is not necessary to document the size of the unit.

OEMS assumes that agencies will document the size of procedure equipment when necessary.

State

National

eProcedures.05 - Number of Procedure Attempts

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Data Type	minInclusive	maxInclusive
integer	1	10

Data Element Comment

State

National

eProcedures.06 - Procedure Successful

Definition

Indicates that this 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

State

National

eProcedures.07 - Procedure Complication

Definition

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

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

Associated Performance Measure Initiatives

Airway Pediatric Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Code List

Code	Description
3907001	Altered Mental Status
3907003	Apnea
3907005	Bleeding
3907007	Bradypnea
3907009	Diarrhea
3907011	Esophageal Intubation-immediately
3907013	Esophageal Intubation-other
3907015	Extravasation
3907017	Hypertension
3907019	Hyperthermia
3907021	Hypotension
3907023	Hypothermia
3907025	Hypoxia
3907027	Injury
3907031	Nausea
3907033	None
3907035	Other
3907039	Respiratory Distress
3907041	Tachycardia
3907043	Tachypnea
3907045	Vomiting
3907047	Bradycardia
3907049	Itching
3907051	Urticaria

Data Element Comment

State

National

eProcedures.08 - Response to Procedure

Definition

The patient's response to the procedure

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

Data Element Comment

State

eProcedures.09 - Procedure Crew Members ID

Definition

The statewide assigned ID number of the EMS crew member performing the procedure on the patient

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_09	Is Nillable	Yes
Usage	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

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	50

Data Element Comment

For an incident that occurs in multiple states, the certification ID number the EMS agency would typically use is based on the EMS agency's state license specific to each EMS professional. If the incident needs to be reported to each state, then the EMS Agency Number for each state should be submitted as well as the certification ID numbers for each EMS professional on the unit.

State

National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

~~7701001 – Not Applicable~~ ~~7701003 – Not Recorded~~

Code List

Code	Description
9905001	Advanced Emergency Medical Technician (AEMT)
9905003	2009 Emergency Medical Responder (EMR)
9905005	2009 Emergency Medical Technician (EMT)
9905007	2009 Paramedic
9905009	Emergency Medical Technician (EMT)
9905011	EMT-Intermediate
9905013	EMT-Paramedic
9905015	Emergency Medical Responder (EMR)
9905019	Other Healthcare Professional
9905021	Other Non-Healthcare Professional (i.e, Driver/Pilot/Third, etc.)
9905023	Patient/Lay Person
9905025	Physician
9905027	Respiratory Therapist
9905029	Student
9905034	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.

Codes with a strike-through are either not used in Virginia or there is another option that can be used. For example, code 9905013 can be used for any Virginia licensed Paramedic therefore, code 9905007 is not needed.

Schematron Note:

Schematron rules are now in place to reject any record submitted that contains a crossed-out value for this element as shown above. Considerations are in place to allow certain "Not" values but only on records where required by NEMSIS and the quality of the data is not impacted. Rejected records must be corrected and submitted as required under Virginia state regulations. For questions regarding Schematron, please contact OEMS support.

eProcedures.13 - Vascular Access Location

Definition

The location of the vascular access site attempt on the patient, if applicable.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E19_12	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Code List

Code	Description
3913001	Antecubital-Left
3913003	Antecubital-Right
3913005	External Jugular-Left
3913007	External Jugular-Right
3913009	Femoral-Left IV
3913011	Femoral-Right IV
3913013	Foot-Right
3913015	Foot-Left
3913017	Forearm-Left
3913019	Forearm-Right
3913021	Hand-Left
3913023	Hand-Right
3913025	Internal Jugular-Left
3913027	Internal Jugular-Right
3913029	IO-Iliac Crest-Left
3913031	IO-Iliac Crest-Right
3913033	IO-Femoral-Left Distal
3913035	IO-Femoral-Right Distal
3913037	IO-Humeral-Left
3913039	IO-Humeral-Right
3913041	IO-Tibia-Left Distal
3913043	IO-Sternum
3913045	IO-Tibia-Right Distal
3913047	IO-Tibia-Left Proximal
3913049	IO-Tibia-Right Proximal
3913051	Lower Extremity-Left
3913053	Lower Extremity-Right
3913055	Other Peripheral
3913057	Other Central (PICC, Portacath, etc.)
3913059	Scalp
3913061	Subclavian-Left
3913063	Subclavian-Right
3913065	Umbilical
3913067	Venous Cutdown-Left Lower Extremity
3913069	Venous Cutdown-Right Lower Extremity
3913071	Upper Arm-Left
3913073	Upper Arm-Right
3913075	Radial-Left
3913077	Radial-Right

Data Element Comment

This is now associated with the Date/Time of the procedure and therefore changed to single choice. This allows the location to be documented with each procedure and attempt. If the vascular access has been established prior to EMS, this should be documented as such.

eAirway.01 - Indications for Invasive Airway

Definition

The clinical indication for performing invasive airway management.

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

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Code List

Code	Description
4001001	Adequate Airway Reflexes/Effort, Potential for Compromise
4001003	Airway Reflex Compromised
4001005	Apnea or Agonal Respirations
4001007	Illness Involving Airway
4001009	Injury Involving Airway
4001011	Other
4001013	Ventilatory Effort Compromised

Data Element Comment

Version 3 Changes Implemented

Added to better document airway management.

eAirway.02 - Date/Time Airway Device Placement Confirmation

Definition

The date and time the airway device placement was confirmed.

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

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

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

SAD=Supraglottic Airway Device

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

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

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

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

eAirway.03 - Airway Device Being Confirmed

Definition

The airway device in which placement is being confirmed.

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

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Code List

Code	Description
4003001	Cricothyrotomy Tube
4003003	Endotracheal Tube
4003005	Other-Invasive Airway
4003007	Supraglottic Airway Double Lumen
4003009	Supraglottic Airway - King
4003011	Laryngeal Mask Airway
4003013	Supraglottic Airway - Other
4003015	Tracheostomy Tube
it4003.001	Supraglottic Airway - i-gel

Data Element Comment

Version 3 Changes Implemented

Added to better document airway management. SAD means Supraglottic Airway Device.

The following descriptions were modified for clarity:

Code 4003007: Changed from SAD-Combitube to Supraglottic Airway Double Lumen

Code 4003009: Changed from SAD-King to Supraglottic Airway - King

Code 4003013: Changed from SAD-Other to Supraglottic Airway - Other

Code 4003011: Changed from SAD-LMA to Laryngeal Mask Airway

eAirway.04 - Airway Device Placement Confirmed Method

Definition

The method used to confirm the airway device placement.

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

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Code List

Code	Description
4004001	Auscultation
4004003	Bulb/Syringe Aspiration
4004005	Colorimetric ETCO2
4004007	Condensation in Tube
4004009	Digital (Numeric) ETCO2
4004011	Direct Re-Visualization of Tube in Place
4004013	Endotracheal Tube Whistle (BAAM, etc.)
4004015	Other
4004017	Visualization of Vocal Cords
4004019	Waveform ETCO2

Data Element Comment

If the invasive airway is confirmed via multiple methods each method should be documented individually by time, method, and type of individual.

eAirway.05 - Tube Depth

Definition

The measurement at the patient's teeth/lip of the tube depth in centimeters (cm) of the invasive airway placed.

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

Associated Performance Measure Initiatives

Airway

Constraints

Data Type	minInclusive	maxInclusive
integer	8	32

Data Element Comment

Tube Depth added to better document the initial placement of the airway device and subsequent assessments.

State

eAirway.07 - Crew Member ID

Definition

The crewmember ID number of the EMS crew member confirming the airway placement.

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

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	50

Data Element Comment

State

eAirway.08 - Airway Complications Encountered

Definition

The airway management complications encountered during the patient care episode.

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

Associated Performance Measure Initiatives

Airway

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Code List

Code	Description
4008001	Adverse Event from Facilitating Drugs
4008003	Bradycardia (<50)
4008005	Cardiac Arrest
4008007	Esophageal Intubation-Delayed Detection (After Tube Secured)
4008009	Esophageal Intubation-Detected in Emergency Department
4008011	Failed Intubation Effort
4008013	Injury or Trauma to Patient from Airway Management Effort
4008015	Other
4008017	Oxygen Desaturation (<90%)
4008019	Patient Vomiting/Aspiration
4008021	Tube Dislodged During Transport/Patient Care
4008023	Tube Was Not in Correct Position when EMS Crew/Team Assumed Care of the Patient

Data Element Comment

State

eAirway.09 - Suspected Reasons for Failed Airway Management

Definition

The reason(s) the airway was unable to be successfully managed.

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

Associated Performance Measure Initiatives

Airway

Attributes

CorrelationID

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

Code List

Code	Description
4009001	Difficult Patient Airway Anatomy
4009003	ETI Attempted, but Arrived At Destination Facility Before Accomplished
4009005	Facial or Oral Trauma
4009007	Inability to Expose Vocal Cords
4009009	Inadequate Patient Relaxation/Presence of Protective Airway Reflexes
4009011	Jaw Clenched (Trismus)
4009013	Other
4009015	Poor Patient Access
4009017	Secretions/Blood/Vomit
4009019	Unable to Position or Access Patient

Data Element Comment

eDisposition.01 - Destination/Transferred To, Name

Definition

The destination the patient was delivered or transferred to.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_01	Is Nillable	Yes
Usage	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

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	100

Data Element Comment

The approved destination list is available on the NEMSIS website (refer to page 12 for site information).

Destination names submitted must be an exact match to the list setup by the OEMS referenced above. An exact match means that all punctuation, spelling, case, any abbreviations, spacing, etc. matches exactly the list supplied by OEMS.

There is one exception to this exact match requirement and this exception is only related to the generic codes established by OEMS. Agencies that utilize a software system which does not allow for the mapping of destination names may still submit unique names when the destination code is equal to one of the established generic codes. Agencies that utilize a software system which does allow for the mapping of destination names must map their unique name to the name assigned to the generic code.

State

eDisposition.02 - Destination/Transferred To, Code

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_02	Is Nillable	Yes
Usage	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

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	50

Data Element Comment

May be populated from list in dFacility.03 (Facility Location Code) or dFacility.05 (Facility National Provider Identifier) if a health care facility.

The approved destination list is available on the NEMSIS website (refer to page 12 for site information).

Codes submitted by the agency must match one of the codes setup by the OEMS as documented on the list of facilities/hospitals found on the Knowledgebase. Any records submitted with codes that are not part of this list will be automatically rejected.

Schematron Note:

Schematron rules are now in place to reject any record submitted without a destination code when a transport disposition is documented. Rejected records must be corrected and submitted as required under Virginia state regulations. For questions regarding Schematron, please contact OEMS support.

State

National

eDisposition.05 - Destination State

Definition

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

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

[0-9]{2}

Data Element Comment

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

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

eDisposition.08 - Destination Country

Definition

The country of the destination.

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

Constraints

Data Type	length
string	2

Data Element Comment

May be auto-populated if list created in dFacility.12 (Facility Country).

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

Version 3 Changes Implemented

Added for improved international compatibility.

Added this element as required due to the number of incorrect country codes submitted. There is now a Schematron rule in place to reject records if an incorrect destination country code is submitted. Rejected records must be corrected and submitted as required under Virginia state regulations. For questions regarding Schematron, please contact OEMS support.

State

eDisposition.11 - Number of Patients Transported in this EMS Unit

Definition

The number of patients transported by this EMS crew and unit.

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Constraints

Data Type	minInclusive	maxInclusive
positiveInteger	1	100

Data Element Comment

Added to document multiple patients being transported with the same vehicle and crew.

State

National

eDisposition.12 - Incident/Patient Disposition

Definition

Type of disposition treatment and/or transport of the patient by this EMS Unit.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	No
Version 2 Element	E20_10	Is Nillable	No
Usage	Mandatory	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

Code	Description
4212001	Assist, Agency
4212003	Assist, Public
4212005	Assist, Unit
4212007	Canceled (Prior to Arrival At Scene)
4212009	Canceled on Scene (No Patient Contact)
4212011	Canceled on Scene (No Patient Found)
4212013	Patient Dead at Scene-No Resuscitation Attempted (With Transport)
4212015	Patient Dead at Scene-No Resuscitation Attempted (Without Transport)
4212017	Patient Dead at Scene-Resuscitation Attempted (With Transport)
4212019	Patient Dead at Scene-Resuscitation Attempted (Without Transport)
4212021	Patient Evaluated, No Treatment/Transport Required
4212023	Patient Refused Evaluation/Care (With Transport)
4212025	Patient Refused Evaluation/Care (Without Transport)
4212027	Patient Treated, Released (AMA)
4212029	Patient Treated, Released (per protocol)
4212031	Patient Treated, Transferred Care to Another EMS Unit
4212033	Patient Treated, Transported by this EMS Unit
4212035	Patient Treated, Transported by Law Enforcement
4212037	Patient Treated, Transported by Private Vehicle
4212039	Standby-No Services or Support Provided
4212041	Standby-Public Safety, Fire, or EMS Operational Support Provided
4212043	Transport Non-Patient, Organs, etc.

Data Element Comment

eDisposition.12 - Disposition Descriptions

4212001 – Assist, Agency – To be used when the EMS agency responds to assist another agency (EMS, Fire, etc.). The assisting agency at no time assumes any patient care.

4212003 – Assist, Public – To be used when an EMS provider responds to a request by the public and services that are provided are not emergency medical services, this disposition may be used.

Examples of public assists may be assisting with making environment safe, checking medical equipment, or other non-medical task.

As of version 3 of the Virginia EMS dataset, this includes falls where there is no injury and assistance is needed by the person to return to standing, bed, wheelchair etc. and that is all that has been requested. However, if local protocols or agency policy require falls be treated as patient contact, then another appropriate disposition indicating treatment should be used.

4212005 – Assist, Unit – To be used when another unit from the same EMS agency responds to assist another provider/unit. The assisting unit at no time assumes care of the patient.

4212007 – Canceled (Prior to Arrival at Scene) – To be used when the EMS unit / provider is cancelled prior to arriving at the scene dispatched to.

4212009 – Canceled on Scene (No Patient Contact) – To be used when EMS has arrived on scene and is cancelled by dispatch, another public safety entity, etc. prior to contact with the incident/person.

4212011 – Canceled on Scene (No Patient Found) – To be used when an EMS unit/provider arrives on scene, attempts to make patient contact and no patient can be found or the patient left prior to EMS arrival.

4212013 – Patient Dead at Scene – No Resuscitation Attempted (with Transport) – To be used if an EMS agency transports a body to a morgue, funeral home, or similar type facility.

4212015 – Patient Dead at Scene – No Resuscitation Attempted (without Transport) – To be used when no treatment was rendered as patient was dead upon the vehicle's arrival at the scene.

4212017 – Patient Dead at Scene – Resuscitation Attempted (with Transport) – To be used when resuscitation was attempted, but the resuscitation was terminated and then the EMS unit transports the body to a morgue, funeral home or similar type facility.

4212019 – Patient Dead at Scene – Resuscitation Attempted (without Transport) – To be used when there is a determination of death on scene after EMS has performed some type of interventions and the responding EMS unit does not transport the patient.

4212021 – Patient Evaluated, No Treatment/Transport Required – To be used when the patient was assessed but found to have no treatable illness/injury.

4212023 – Patient Refused Evaluation/Care (With Transport) – To be used when the patient refuses any or all parts of an evaluation or treatment but was transported to an appropriate health care facility.

4212025 – Patient Refused Evaluation/Care (Without Transport) – To be used when the patient refuses all parts of an evaluation, treatment and transport even though there is the likelihood that an injury or illness exists.

4212027 – Patient Treated, Released (AMA) – To be used when the provider performs an assessment, provides care or medical advice, or the patient is obviously ill or injured and the patient refuses transport against the medical advice of the EMS provider. This disposition differs from 4212029 in that the EMS provider cannot determine within their scope of care that the patient should be evaluated by a higher level of medical care.

4212029 – Patient Treated, Released (per protocol) – To be used when EMS provides care to the patient but does not provide any transport services. The release of the patient would be determined based on existing protocols.

4212031 – Patient Treated, Transferred Care to Another EMS Unit – To be used anytime an EMS provider:

- Transfer's care of the patient to a provider from another agency,
- Transfer's care of the patient to a provider on another unit within their own agency
- Transfer's the patient to another unit but the original provider maintains care of the patient.

4212033 – Patient Treated, Transported by this EMS Unit – To be used only by the EMS unit performing an EMS transport i.e. to hospital, medical facility, home etc.

4212035 – Patient Treated, Transported by Law Enforcement – To be used when evaluation or treatment is provided to a patient and the patient is left in the control of law enforcement or the law enforcement agency transports the patient to the hospital..

4212037 – Patient Treated, Transported by Private Vehicle – To be used when an evaluation or treatment was provided, but transport by EMS does not occur and the patient indicates they will be seeking additional medical attention by obtaining alternate transportation (POV, public transport, etc.).

4212039 – Standby-No Services or Support Provided – To be used when an EMS unit/provider positions itself at a planned or unplanned event for the purposes of being available in case a medical/traumatic event occurs.

4212041 – Standby-Public Safety, Fire, or EMS Operational Support Provided – To be used anytime an EMS provider/unit performs a stand-by and provides some type of medical care to a person while performing that stand-by.

4212043 – Transport Non-Patient, Organs, etc. – To be used when performing transportation of organs for transplant or human tissue samples for establishing compatibility for transplantation.

Please note:

These descriptions are being provided as a guideline and not an absolute. If agency protocols require the use of specific dispositions in certain situations, those should always take priority.

State

National

eDisposition.16 - EMS Transport Method

Definition

Transport method by this EMS Unit.

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

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code	Description
4216001	Air Medical-Fixed Wing
4216003	Air Medical-Rotor Craft
4216005	Ground-Ambulance
4216007	Ground-ATV or Rescue Vehicle
4216009	Ground-Bariatric
4216011	Ground-Other Not Listed
4216013	Ground-Mass Casualty Bus/Vehicle
4216015	Ground-Wheelchair Van
4216017	Water-Boat

Data Element Comment

Required if the patient is transported by EMS.

State

National

eDisposition.17 - Transport Mode from Scene

Definition

Indication whether the transport was emergent or non-emergent.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_14	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code	Description
4217001	Emergent (Immediate Response)
4217003	Emergent Downgraded to Non-Emergent
4217005	Non-Emergent
4217007	Non-Emergent Upgraded to Emergent

Data Element Comment

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

State

National

eDisposition.18 - Additional Transport Mode Descriptors

Definition

The documentation of transport mode techniques for this EMS response.

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Code List

Code	Description
4218001	Intersection Navigation-Against Normal Light Patterns
4218003	Intersection Navigation-With Automated Light Changing Technology
4218005	Intersection Navigation-With Normal Light Patterns
4218007	Speed-Enhanced per Local Policy
4218009	Speed-Normal Traffic
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.

State

National

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>

State

National

eDisposition.20 - Reason for Choosing Destination

Definition

The reason the unit chose to deliver or transfer the patient to the destination

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_16	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

Associated Performance Measure Initiatives

Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

CorrelationID

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

Code List

Code	Description
4220001	Closest Facility
4220003	Diversion
4220005	Family Choice
4220007	Insurance Status/Requirement
4220009	Law Enforcement Choice
4220011	On-Line/On-Scene Medical Direction
4220013	Other
4220015	Patient's Choice
4220017	Patient's Physician's Choice
4220019	Protocol
4220021	Regional Specialty Center

Data Element Comment

Required if Patient Transported

State

National

eDisposition.21 - Type of Destination

Definition

The type of destination the patient was delivered or transferred to

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E20_17	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

Code	Description
4221001	Home
4221003	Hospital-Emergency Department
4221005	Hospital-Non-Emergency Department Bed
4221007	Medical Office/Clinic
4221009	Morgue/Mortuary
4221011	Nursing Home/Assisted Living Facility
4221013	Other
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.

State

National

eDisposition.22 - Hospital In-Patient Destination

Definition

The location within the hospital that the patient was taken directly by EMS (e.g., Cath Lab, ICU, etc.).

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

~~7704003 - 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 & 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.

Schematron Note:

Schematron rules are now in place to reject any record submitted that contains "Not Recorded" for this element or any value not listed as shown above. Considerations are in place to allow "Not Applicable" but only on records where required by NEMSIS and the quality of the data is not impacted. Rejected records must be corrected and submitted as required under Virginia state regulations. For questions regarding Schematron, please contact OEMS support.

State

National

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	NICU Present
9908011	Pediatric Trauma Center
9908017	Certified Stroke Center
9908019	Rehab Center
9908021	Level I Trauma Center
9908023	Level II Trauma Center
9908025	Level III Trauma Center
9908027	Trauma Center Level 4
9908029	Trauma Center Level 5
9908034	Cardiac STEMI/PCI Capable
9908033	Primary PCI/STEMI Center
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.

Adjusted the descriptions on the following codes to match Virginia Descriptions:

- 9908009: From Neonatal Center to NICU Present
- 9908011: From Pediatric Center to Pediatric Trauma Center
- 9908017: From Stroke Center to Certified Stroke Center
- 9908021: From Trauma Center Level 1 to Level I Trauma Center
- 9908023: From Trauma Center Level 2 to Level II Trauma Center
- 9908025: From Trauma Center Level 3 to Level III Trauma Center
- 9908033: From Cardiac-STEMI/PCI Capable (24/7) to Primary PCI/STEMI Center

Codes with strikethroughs are not used in Virginia

Version 3 Changes Implemented

Added to aid in determining if patients are transported to the appropriate hospital based on provider impression, assessment, and treatment.

Schematron Note:

Schematron rules are now in place to reject any record submitted that contains "Not Recorded" for this element or any value crossed out as shown above when the destination is in Virginia. Considerations are in place to allow "Not Applicable" but only on records where required by NEMSIS and the quality of the data is not impacted. Rejected records must be corrected and submitted as required under Virginia state regulations. For questions regarding Schematron, please contact OEMS support.

State

National

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)
4224021	Yes-Biological/Infectious Precautions

Data Element Comment

Version 3 Changes Implemented

Added to better document performance measure for acute time dependent illness and injury systems of care.

State

National

eDisposition.25 - Date/Time of Destination Prerival 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.

eOther.03 - Personal Protective Equipment Used

Definition

The personal protective equipment which was used by EMS personnel during this EMS patient contact.

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E23_03	Is Nillable	No
Usage	Required	Recurrence	1 : M

Attributes

CorrelationID

Data Type: string

minLength: 0

maxLength: 255

Code List

Code	Description
4503001	Eye Protection
4503003	Gloves
4503005	Helmet
4503007	Level A Suit
4503009	Level B Suit
4503011	Level C Suit
4503013	Level D Suit (Turn out gear)
4503015	Mask-N95
4503017	Mask-Surgical (Non-Fitted)
4503019	Other
4503021	PAPR
4503023	Reflective Vest
4503025	Face Shields
4503027	Gown
4503029	Full Isolation Non HazMat Suit

it4506.111 Face Shield (Reuse)
 it4503.112 Gloves (Reuse)
 it4503.108 Goggles
 it4503.113 Gown (Reuse)
 it4503.114 Isolation Coveralls (Reuse)
 it4503.116 Mask-N95 (Reuse)
 it4503.118 Mask-Surgical (Non-Fitted) (Reuse)
 it4503.119 Non-Commercial Grade Face Mask (Homemade cloth, plastic, etc)
 it4503.110 Social Distancing

Data Element Comment

State

National

eOther.05 - Suspected EMS Work Related Exposure, Injury, or Death

Definition

Indication of an EMS work related exposure, injury, or death associated with this EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E23_05	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

Associated with eOther.04 (EMS Professional (Crew Member) ID)

State

eOther.06 - The Type of Work-Related Injury, Death or Suspected Exposure

Definition

The type of EMS crew member work-related injury, death, or suspected exposure related to the EMS response.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E23_06	Is Nillable	Yes
Usage	Required	Recurrence	1 : M

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

CorrelationID**Data Type:** string**minLength:** 0**maxLength:** 255

Code List

Code	Description
4506001	Death-Cardiac Arrest
4506003	Death-Injury Related
4506005	Death-Other
4506007	Exposure-Airborne Respiratory/Biological/Aerosolized Secretions
4506009	Exposure-Body Fluid Contact to Broken Skin
4506011	Exposure-Body Fluid Contact with Eye
4506013	Exposure-Body Fluid Contact with Intact Skin
4506015	Exposure-Body Fluid Contact with Mucosal Surface
4506017	Exposure-Needle Stick with Body Fluid Injection
4506019	Exposure-Needle Stick without Body Fluid Injection
4506021	Exposure-Toxin/Chemical/Hazmat
4506023	Injury-Lifting/Back/Musculoskeletal
4506025	Injury-Other
4506027	None
4506029	Other

Data Element Comment

Associated with eOther.04 (EMS Professional (Crew Member) ID).

State

eOther.07 - Natural, Suspected, Intentional, or Unintentional Disaster

Definition

Event caused by natural forces or Suspected and Intentional/Unintentional Disasters (terrorism).

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	E23_04	Is Nillable	No
Usage	Optional	Recurrence	0 : M

Associated Performance Measure Initiatives

Trauma

Attributes

CorrelationID

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

Code List

Code	Description
4507001	Biologic Agent
4507003	Building Failure
4507005	Chemical Agent
4507007	Explosive Device
4507009	Fire
4507011	Hostage Event
4507013	Mass Gathering
4507015	Mass Illness
4507017	Nuclear Agent
4507019	Radioactive Device
4507021	Secondary Destructive Device
4507023	Shooting/Sniper
4507025	Vehicular
4507027	Weather

Data Element Comment

Based on FEMA website

State

eOther.08 - Crew Member Completing this Report

Definition

The statewide assigned ID number of the EMS crew member which completed this patient care report

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E23_10	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

7701005 - Not Reporting

Constraints

Data Type	minLength	maxLength
string	2	50

Data Element Comment

If the EMS Professional has a specific ID associated with two states, the ID used would typically be based on the EMS Agencies state license.

eOther.12 - Type of Person Signing

Definition

The individual's signature associated with eOther.15 (Signature Status).

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

Code List

Code	Description
4512001	EMS Crew Member (Other)
4512003	Attendant in Charge (for this event)
4512005	Healthcare Provider
4512007	Agency OMD
4512009	Non-Healthcare Provider
4512011	Online Medical Control
4512013	Other
4512015	Patient
4512017	Patient Representative
4512019	Witness

Data Element Comment

Version 3 Changes Implemented

Added to better document disposition and billing information.

Per 12VAC5-31-560, this element has been added as a required field.

Descriptions on codes 4512003, 4512007, & 4512011 were modified to align with the descriptions in the state's EMS data collection system.

Virginia County Names

Accomack		Chesterfield		Halifax		Nelson		Scott
Albemarle		Clarke		Hanover		New Kent		Shenandoah
Alleghany		Craig		Henrico		Northampton		Smyth
Amelia		Culpeper		Henry		Northumberland		Southampton
Amherst		Cumberland		Highland		Nottoway		Spotsylvania
Appomattox		Dickenson		Isle of Wight		Orange		Stafford
Arlington		Dinwiddie		James City		Page		Surry
Augusta		Essex		King and Queen		Patrick		Sussex
Bath		Fairfax		King George		Pittsylvania		Tazewell
Bedford		Fauquier		King William		Powhatan		Warren
Bland		Floyd		Lancaster		Prince Edward		Washington
Botetourt		Fluvanna		Lee		Prince George		Westmoreland
Brunswick		Franklin		Loudoun		Prince William		Wise
Buchanan		Frederick		Louisa		Pulaski		Wythe
Buckingham		Giles		Lunenburg		Rappahannock		York
Campbell		Gloucester		Madison		Richmond		
Caroline		Goochland		Mathews		Roanoke		
Carroll		Grayson		Mecklenburg		Rockbridge		
Charles City		Greene		Middlesex		Rockingham		
Charlotte		Greensville		Montgomery		Russell		

* The above list shows exactly how each county within Virginia shall be documented.

** It is not necessary to include the word "County" when documenting a county location.

*** Abbreviations are not allowed.

Virginia Independent City (County Equivalents) Names

Alexandria (city)		Falls Church (city)		Manassas Park (city)		Roanoke (city)
Bristol (city)		Franklin (city)		Martinsville (city)		Salem (city)
Buena Vista (city)		Fredericksburg (city)		Newport News (city)		Staunton (city)
Charlottesville (city)		Galax (city)		Norfolk (city)		Suffolk (city)
Chesapeake (city)		Hampton (city)		Norton (city)		Virginia Beach (city)
Colonial Heights (city)		Harrisonburg (city)		Petersburg (city)		Waynesboro (city)
Covington (city)		Hopewell (city)		Poquoson (city)		Williamsburg (city)
Danville (city)		Lexington (city)		Portsmouth (city)		Winchester (city)
Emporia (city)		Lynchburg (city)		Radford (city)		
Fairfax (city)		Manassas (city)		Richmond (city)		

- * The above list shows exactly how each Independent City within Virginia shall be documented by direct entry users.
- ** Abbreviations are not allowed.
- *** 3rd Party vendor submissions via web-services may inadvertently leave out the parentheses.
- **** Because of this, agency's submitting records via web-services will not be penalized if the parentheses are not included.

United States – State Names and Abbreviations & Territory Names and Abbreviations

Alabama	AL	Montana	MT	American Samoa	AS
Alaska	AK	Nebraska	NE	District of Columbia	DC
Arizona	AZ	Nevada	NV	Federated States of Micronesia	FM
Arkansas	AR	New Hampshire	NH	Guam	GU
California	CA	New Jersey	NJ	Marshall Islands	MH
Colorado	CO	New Mexico	NM	Northern Mariana Islands	MP
Connecticut	CT	New York	NY	Palau	PW
Delaware	DE	North Carolina	NC	Puerto Rico	PR
Florida	FL	North Dakota	ND	Virgin Islands	VI
Georgia	GA	Ohio	OH		
Hawaii	HI	Oklahoma	OK		
Idaho	ID	Oregon	OR		
Illinois	IL	Pennsylvania	PA		
Indiana	IN	Rhode Island	RI		
Iowa	IA	South Carolina	SC		
Kansas	KS	South Dakota	SD		
Kentucky	KY	Tennessee	TN		
Louisiana	LA	Texas	TX		
Maine	ME	Utah	UT		
Maryland	MD	Vermont	VT		
Massachusetts	MA	Virginia	VA		
Michigan	MI	Washington	WA		
Minnesota	MN	West Virginia	WV		
Mississippi	MS	Wisconsin	WI		
Missouri	MO	Wyoming	WY		

* Agencies shall document US states and US territories using one of the above formats.

** OEMS will accept either the name spelled out or the proper abbreviation as shown above.

*** Any variations will be considered invalid.