NEMSIS
Data Dictionary

NHTSA v3.4.0
Build 160713 Critical Patch 2

State Data Set Standard

Version Date: July 13, 2016

www.NEMSIS.org

NEMSIS Data Dictionary Version 3.4.0
NEMSIS Overview and Summary

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

NEMSIS Version 3 Element Configuration from v2.2.1

NEMSIS NHTSA Uniform PreHospital Dataset	Version 2.2.1	Version 3
Demographic (Agency) NEMSIS Version 3 Data Elements	110 (26%)	155 (24%)
Existing (version 2.2.1)	88 (80%)	88 (58%)
New		67 (42%)
Retired	22 (20%)	
EMS (ePCR) NEMSIS Version 3 Data Elements	315 (74%)	423 (73%)
Existing (version 2.2.1)	258 (82%)	258 (61%)
New		165 (39%)
Retired	57 (18%)	
Overall Total NEMSIS Version 3 Data Elements	425	578
Existing (version 2.2.1)	346 (81%)	346 (60%)
New		232 (40%)
Retired	79 (19%)	

NEMSIS Version 3 Element Configuration
Total Elements including the Custom Elements: 578
Excluding the Demographic and EMS (ePCR) Custom Elements: 556

Total National Elements	166	Total State Elements	103	Total "Other" Element	309
Mandatory	37	Recommended	82	Excluding the custom elements	287
Required	129	Optional	21	Demographic (Agency) Elements	88
Demographic (Agency) Elements	35	Demographic (Agency) Elements	32	Excluding the custom elements	77
Mandatory	22	Recommended	32	EMS (ePCR) Elements	221
Required	13	Optional	0	Excluding the custom elements	210
EMS (ePCR) Elements	131	EMS (ePCR) Elements	71		
Mandatory	15	Recommended	50		
Required	116	Optional	21		

NEMSIS Version 3.4.0 Data Dictionary Content
**Note: The numbers to the right of the content listed below represent the location for each element on the Sample Page of the Data Dictionary (page vi).

Data Element Number (#1)
The NEMSIS Version 3 element numbering system has been revised to improve the information that can be derived from just the data element number. An example of a data element number is dAgency.01.
- The data element number begins with either a "d" representing the demographic (agency) section or an "e" representing the EMS PCR section.
- A one word descriptor for each section is now included in the data element

number.

- A period separates the section (e.g. dAgency) from the data element number (e.g. 01).

Data Element Name (#3)

The name for the data element.

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

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

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

Data Element Definition (#4)

The definition for the data element.

Version 2 Number (#7)

The NEMSIS Version 2.2.1 Data Element Number.

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

Data Structure Information

Recurrence (#12)
- Indication that the data element can have more than one value.

  Represented by two characters separated by a colon. The configuration includes:

    0:1 = element is not required and can occur only once

    0:M = element is not required and can repeat multiple times

    1:1 = element is required and can occur only once

    1:M = element is required and can repeat multiple times

Usage (#8)
- Indication of when the data element is expected to be collected.

    Mandatory = Must be completed and does not allow for NOT values

    Required = Must be completed and allows NOT values

    Recommended = Does not need to be completed and allows NOT values

    Optional = Does not need to be completed and does not allow for NOT values

NOT Value Characteristics (#10)
- Indication that the data element can have NOT values.
- NOT Values are used (where permitted) to document that a data element was not applicable to the EMS response / request for service, was not or could not be completed.
- NOT Values are documented as "an attribute" of an element. It allows the documentation of NOT value when a "real" value is not documented. *(Please reference the NEMSIS White Paper describing the use of NOT Values, Pertinent Negatives, and Nill.)*

NOT Values Accepted (#14)
- Indication of which of the following three NOT values is acceptable.
- Not all data elements accept NOT values.
- NOT Values have been condensed in Version 3.

    Not Applicable = *The data element is not applicable or pertinent to the EMS event.*

    Not Recorded = *If a data element was unintentionally left blank the EMS*

software should auto-populate it with "Not Recorded".

Not Reporting = *The data element is not collected by the EMS agency or state. This NOT value does not apply to National elements where "Usage = Required".*

Pertinent Negative Values (PN) **(#9, #14)**

- A list of Pertinent Negative Values which can be associated with a data element.
- Not all data elements accept Pertinent Negative Values.
- Pertinent Negative Values are documented as "an attribute" of an element. It allows the documentation of pertinent negative value in addition to the documentation of a "real" value. *(Please reference the NEMSIS White Paper describing the use of NOT Values, Pertinent Negatives, and Nill.)*
- Example of use:

  Example #1 - Aspirin Administration:

  If the medication Aspirin is part of the agency protocol for Chest Pain but was not administered by the responding crew, the reason why should be documented. This is done through the use of Pertinent Negative Values. If the patient took the Aspirin prior to the EMS arrival on scene, the value "Medication Already Taken" should be documented in addition to "Aspirin".

  Example #2 - Gunshot Wound Entry & Exit Assessment

  If the patient was injured by a gunshot the assessment should document not only the entry but the exit of the bullet. In the abdominal assessment if "Gunshot Wound-Entry" was documented in the Right Upper Quadrant the EMS professional should be looking for an exit wound. If upon assessment of the back/spine no "Gunshot Wound-Exit" was identified then both "Gunshot Wound-Exit" and the pertinent negative value of "Exam Finding Not Present" should be documented.

Is Nillable **(#11)**

- Indication that the element can accept a "blank" value.
- If the element is left "blank" the software must submit an appropriate value of one of the two attributes: Pertinent Negative or NOT Values.

Associated Performance Measure Initiatives **(#13)**

Indication that the data element has value in describing, defining, or measuring EMS from a performance perspective. Performance Measures can be associated with EMS service delivery, patient care, or both. The following service delivery or time dependent illness/injury performance measure topics have been included in NEMSIS Version 3:

- Airway - Airway Management
- Cardiac Arrest - Out of Hospital Cardiac Arrest
- Pediatric - Acute Pediatric Care
- Response - EMS Response Time
- STEMI - ST Elevation Myocardial Infarction (STEMI)
- Stroke - Acute Stroke Care
- Trauma - Acute Injury/Trauma Care

Attributes **(#14)**

An attribute provides extra information within an element. For information related to the first three attributes please see the NEMSIS document 'How to Utilize NEMSIS V3 "NOT values/pertinent negatives/nillable"'. The following are possible attributes:

- PN (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 Allergies
- 8801015 - None Reported
- 8801017 - Not Performed by EMS
- 8801019 - Refused
- 8801021 - Unresponsive
- 8801023 - Unable to Complete

- NV (Not Value)
  - 7701001 - Not Applicable
  - 7701003 - Not Recorded
  - 7701005 - Not Reporting

- Nillable xsi:nil="true"

- Code Type
  - 9924001 - ICD10
  - 9924003 - RxNorm

- CorrelationID
  - Date Type = String
  - minLength = 0
  - maxLength = 255

- DistanceUnit
  - 9921001 - Kilometers
  - 9921003 - Miles

- EmailAddressType
  - 9904001 - Personal
  - 9904003 - Work

- nemsisCode
  - Date Type = String

- nemsisElement
  - Date Type = String

- nemsisValueDescription
  - Date Type = String

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

- ProcedureGroupCorrelationID
  - Date Type = CorrelationID

- StreetAddress2
  - Date Type = String
  - minLength = 1
  - maxLength = 55

- TIMESTAMP
  - Date Type = DateTime
  - minValue = 1950-01-01T00:00:00-00:00
  - maxValue = 2050-01-01T00:00:00-00:00

- VelocityUnit
  - 9921001 - Kilometers
  - 9921003 - Miles

Code List (#16)

A list of values associated with the data element. Not all data elements have predefined value sets.

Codes for each value:

- The codes are based on a 7-digit number, in a 2-2-3 pattern (without dashes).
  - The first set of two numbers represent the data section
  - The second set of two numbers represent the element number
  - The last set is a 3-digit number for each value beginning at 001; The codes increase in increments of two (2).
- Codes are typically sequential (by two) and alphabetical. Some ordering is provided in an effort to present information based on workflow.
- Several values and codes reference external standards such as ICD-10, RxNorm, SNOMED, etc. NEMSIS will assist in providing a recommended list of EMS specific values and codes from these larger standards for most elements using these external standards.

Data Element Editorial Comments (#17)

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

Version 3 Changes Implemented (#18)

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

Element Deprecated(#19)

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

NEMSIS Version 3.4.0 Change Summary

NEMSIS Version 3 includes several new types of information to better describe EMS from an industry, workforce, EMS service delivery, and patient care perspective. Examples of new Version 3 content include:

Demographic (Agency) Content

EMS Agencies can list more than one state in which they offer EMS service delivery.
EMS Agencies can indicate multiple Agency numbers.
Multiple EMS Agency contacts can now be managed within the Demographic Section.
EMS Agency Location and GIS information has been enhanced.
EMS Professional and Workforce information has been enhanced.

EMS (PCR) Content

EMS Crew level information has been enhanced
Scene location information has been enhanced to improve geo-coding and location analysis.
Provider Impression (diagnosis), Symptoms, Cause of Injury, Medical/Surgical History, and Incident Location are now based on ICD-10.
Procedures are now based on SNOMED.
Medications are now stored using the RxNorm standard
Cardiac Arrest information has been enhanced to add focus on CPR and post arrest cooling.
Automated Collision Notification information has been included.
The data elements required to document and evaluate the CDC Field Triage Algorithm for trauma have been included.
Vital Sign and patient monitoring information have been enhanced
A new section for Laboratory and Diagnostic Imaging results has been added.
The Exam section has been reconfigured to improve documentation and ease of use.
Much of the medical device information has been mapped into the vital sign section for direct import via the XML standard.
Inclusion of electronic signatures and external electronic documents.
An Airway section has been added to better document and evaluate airway management.
Improved Work Related Illness and Injury documentation capability.
Disposition information has been enhanced especially associated with Specialty Centers and time dependent illness/injury Systems of Care.
EMS Response and Transport Modes have been enhanced to better define emergent, non-emergent, scheduled, and non-scheduled variation.
EMS Response and Transport Mode Descriptors have been added to allow for documentation of Lights and Sirens Use and Intersection Navigation tools.
The Payment/Billing section has been greatly expanded to meet current electronic billing requirements.
Outcome information has been expanded to include additional Emergency Department and Hospital Outcome information (often obtained through linkage).

General Improvements

Version 3 content has focused on objective performance measures to better describe and evaluate EMS service delivery and patient care.
State level configuration and customized data elements have been enhanced without changing the NEMSIS Version 3 Standard.

19 Deprecated

1 eMedications.01

2 State | National

3 eMedications.01 - Date/Time Medication Administered

4 Definition

The date/time medication administered to the patient

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

13 Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   STEMI   Stroke   Trauma

14 Attributes

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

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

Email Address
9904001 - Personal   9904003 - Work

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

Current Status
A - Active   I - Inactive

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

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

15 Constraints

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

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

16 Code List

Code	Description
SSEE001	Value A
SSEE003	Value B
SSEE005	Value C

17 Data Element Comment

Comments for this element

18 Version 3 Changes Implemented

Version 3 Changes implemented for this element

Table of Contents

dAgency   57

dFacility   85

StateDataSet

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

StateDataSet

1 : 1	dConfiguration.01 - State Associated with the Certification/Licensure Levels	N	S	M

0 : 1	dCustomConfiguration

0 : M	dCustomConfiguration.CustomGroup

	0 : 1	dCustomConfiguration.01 - Custom Data Element Title	M
	0 : 1	dCustomConfiguration.02 - Custom Definition	M
	0 : 1	dCustomConfiguration.03 - Custom Data Type	M
	0 : 1	dCustomConfiguration.04 - Custom Data Element Recurrence	M
	0 : 1	dCustomConfiguration.05 - Custom Data Element Usage	M
	0 : M	dCustomConfiguration.06 - Custom Data Element Potential Values	O
	0 : M	dCustomConfiguration.07 - Custom Data Element Potential NOT Values (NV)	O
	0 : M	dCustomConfiguration.08 - Custom Data Element Potential Pertinent Negative Values (PN)	O
	0 : 1	dCustomConfiguration.09 - Custom Data Element Grouping ID	O

0 : 1	eCustomConfiguration

0 : M	eCustomConfiguration.CustomGroup

	0 : 1	eCustomConfiguration.01 - Custom Data Element Title	M
	0 : 1	eCustomConfiguration.02 - Custom Definition	M
	0 : 1	eCustomConfiguration.03 - Custom Data Type	M
	0 : 1	eCustomConfiguration.04 - Custom Data Element Recurrence	M
	0 : 1	eCustomConfiguration.05 - Custom Data Element Usage	M
	0 : M	eCustomConfiguration.06 - Custom Data Element Potential Values	O
	0 : M	eCustomConfiguration.07 - Custom Data Element Potential NOT Values (NV)	O
	0 : M	eCustomConfiguration.08 - Custom Data Element Potential Pertinent Negative Values (PN)	O
	0 : 1	eCustomConfiguration.09 - Custom Data Element Grouping ID	O

0 : 1	dState

0 : M	dState.01 - State Required Element	O

0 : 1	eState

0 : M	eState.01 - State Required Element	O

0 : 1	dConfiguration

1 : M	dConfiguration.ConfigurationGroup

	1 : 1	dConfiguration.01 - State Associated with the Certification/Licensure Levels	N	S	M	
	1 : M	dConfiguration.02 - State Certification/Licensure Levels	N	S	M	
	1 : M	dConfiguration.03 - Procedures Permitted by the State	N	S	R	N, L

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

0 : 1	**dAgency**	
1 : 1	dAgency.01 - EMS Agency Unique State ID	N S M
1 : 1	dAgency.02 - EMS Agency Number	N S M
0 : 1	dAgency.03 - EMS Agency Name	S N, L
1 : 1	dAgency.04 - EMS Agency State	N S M
1 : M	**dAgency.AgencyServiceGroup**	

	1 : 1	dAgency.05 - EMS Agency Service Area States	N S M
	1 : M	dAgency.06 - EMS Agency Service Area County(ies)	N S M
	1 : M	dAgency.07 - EMS Agency Census Tracts	N S R N, L
	1 : M	dAgency.08 - EMS Agency Service Area ZIP Codes	N S R N, L

1 : 1	dAgency.09 - Primary Type of Service	N S M
0 : M	dAgency.10 - Other Types of Service	S N, L
1 : 1	dAgency.11 - Level of Service	N S M
1 : 1	dAgency.12 - Organization Status	N S M
1 : 1	dAgency.13 - Organizational Type	N S M
1 : 1	dAgency.14 - EMS Agency Organizational Tax Status	N S M
1 : M	**dAgency.AgencyYearGroup**	

	1 : 1	dAgency.15 - Statistical Calendar Year	N S M
	1 : 1	dAgency.16 - Total Primary Service Area Size	N S R N, L
	1 : 1	dAgency.17 - Total Service Area Population	N S R N, L

1 : 1	dAgency.18 - 911 EMS Call Center Volume per Year	N	S	R	N, L
1 : 1	dAgency.19 - EMS Dispatch Volume per Year	N	S	R	N, L
1 : 1	dAgency.20 - EMS Patient Transport Volume per Year	N	S	R	N, L
1 : 1	dAgency.21 - EMS Patient Contact Volume per Year	N	S	R	N, L
0 : 1	dAgency.22 - EMS Billable Calls per Year	S	N, L

0 : 1	dAgency.23 - EMS Agency Time Zone	O
0 : 1	dAgency.24 - EMS Agency Daylight Savings Time Use	O
1 : M	dAgency.25 - National Provider Identifier	N	S	R	N, L
1 : M	dAgency.26 - Fire Department ID Number	N	S	R	N, L

0 : 1 dFacility

0 : M dFacilityGroup

| 0 : 1 | dFacility.01 - Type of Facility | O |

0 : M dFacility.FacilityGroup

0 : 1	dFacility.02 - Facility Name	O
0 : 1	dFacility.03 - Facility Location Code	O
0 : M	dFacility.04 - Hospital Designations	O
0 : M	dFacility.05 - Facility National Provider Identifier	O
0 : 1	dFacility.06 - Facility Room, Suite, or Apartment	O
0 : 1	dFacility.07 - Facility Street Address	O
0 : 1	dFacility.08 - Facility City	O
0 : 1	dFacility.09 - Facility State	O
0 : 1	dFacility.10 - Facility ZIP Code	O
0 : 1	dFacility.11 - Facility County	O
0 : 1	dFacility.12 - Facility Country	O
0 : 1	dFacility.13 - Facility GPS Location	O
0 : 1	dFacility.14 - Facility US National Grid Coordinates	O
0 : M	dFacility.15 - Facility Phone Number	O

StateDataSet

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

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

dCustomConfiguration

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

dCustomConfiguration

0 : M	dCustomConfiguration.CustomGroup	
0 : 1	dCustomConfiguration.01 - Custom Data Element Title	M
0 : 1	dCustomConfiguration.02 - Custom Definition	M
0 : 1	dCustomConfiguration.03 - Custom Data Type	M
0 : 1	dCustomConfiguration.04 - Custom Data Element Recurrence	M
0 : 1	dCustomConfiguration.05 - Custom Data Element Usage	M
0 : M	dCustomConfiguration.06 - Custom Data Element Potential Values	O
0 : M	dCustomConfiguration.07 - Custom Data Element Potential NOT Values (NV)	O
0 : M	dCustomConfiguration.08 - Custom Data Element Potential Pertinent Negative Values (PN)	O
0 : 1	dCustomConfiguration.09 - Custom Data Element Grouping ID	O

dCustomConfiguration

dCustomConfiguration.01 - Custom Data Element Title

Definition

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

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

Attributes

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

Constraints

Data Type	minLength	maxLength
string	2	100

Data Element Comment

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

Version 3 Changes Implemented

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

dCustomConfiguration.02 - Custom Definition

Definition

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

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

Constraints

Data Type	minLength		maxLength
string	0		255

Data Element Comment

dCustomConfiguration.03 - Custom Data Type

Definition

The data type of the custom element.

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

Code List

Code	Description
9902001	Binary
9902003	Date/Time
9902005	Integer/Number
9902007	Other
9902009	Text/String
9902011	Boolean

Data Element Comment

dCustomConfiguration.04 - Custom Data Element Recurrence

Definition

Indication if the data element will accept multiple values.

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

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

Version 3 Changes Implemented

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

dCustomConfiguration.05 - Custom Data Element Usage

Definition

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

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

Code List

Code	Description
9903001	Mandatory
9903003	Required
9903005	Recommended
9903007	Optional

Data Element Comment

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

Version 3 Changes Implemented

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

dCustomConfiguration.06 - Custom Data Element Potential Values

Definition

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

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

Attributes

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

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

Constraints

Data Type	minLength	maxLength
string	1	100

Data Element Comment

Version 3 Changes Implemented

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

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

Definition

NOT Values (NV) associated with the custom element

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

Code List

Code	Description
7701001	Not Applicable
7701003	Not Recorded
7701005	Not Reporting

Data Element Comment

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

Definition

Pertinent Negative Values (PN) associated with the custom element

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

Code List

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

Data Element Comment

dCustomConfiguration.09 - Custom Data Element Grouping ID

Definition

ID for custom element grouping.

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

Constraints

Data Type	minLength	maxLength
string	0	255

Data Element Comment

eCustomConfiguration

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

eCustomConfiguration

0 : M	eCustomConfiguration.CustomGroup	
0 : 1	eCustomConfiguration.01 - Custom Data Element Title	M
0 : 1	eCustomConfiguration.02 - Custom Definition	M
0 : 1	eCustomConfiguration.03 - Custom Data Type	M
0 : 1	eCustomConfiguration.04 - Custom Data Element Recurrence	M
0 : 1	eCustomConfiguration.05 - Custom Data Element Usage	M
0 : M	eCustomConfiguration.06 - Custom Data Element Potential Values	O
0 : M	eCustomConfiguration.07 - Custom Data Element Potential NOT Values (NV)	O
0 : M	eCustomConfiguration.08 - Custom Data Element Potential Pertinent Negative Values (PN)	O
0 : 1	eCustomConfiguration.09 - Custom Data Element Grouping ID	O

eCustomConfiguration

Definition

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

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

Attributes

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

Constraints

Data Type	minLength	maxLength
string	2	100

Data Element Comment

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

Version 3 Changes Implemented

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

eCustomConfiguration.02 - Custom Definition

Definition

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

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

Constraints

Data Type	minLength	maxLength
string	0	255

Data Element Comment

eCustomConfiguration.03 - Custom Data Type

Definition

The data type of the custom element.

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

Code List

Code	Description
9902001	Binary
9902003	Date/Time
9902005	Integer/Number
9902007	Other
9902009	Text/String
9902011	Boolean

Data Element Comment

eCustomConfiguration.04 - Custom Data Element Recurrence

Definition

Indication if the data element will accept multiple values.

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

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

Version 3 Changes Implemented

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

eCustomConfiguration.05 - Custom Data Element Usage

Definition

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

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

Code List

Code	Description
9903001	Mandatory
9903003	Required
9903005	Recommended
9903007	Optional

Data Element Comment

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

Version 3 Changes Implemented

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

eCustomConfiguration.06 - Custom Data Element Potential Values

Definition

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

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

Attributes

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

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

Constraints

Data Type	minLength	maxLength
string	1	100

Data Element Comment

Version 3 Changes Implemented

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

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

Definition

NOT Values (NV) associated with the custom element

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

Code List

Code	Description
7701001	Not Applicable
7701003	Not Recorded
7701005	Not Reporting

Data Element Comment

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

Definition

Pertinent Negative Values (PN) associated with the custom element

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

Code List

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

Data Element Comment

eCustomConfiguration.09 - Custom Data Element Grouping ID

Definition

ID for custom element grouping.

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

Constraints

Data Type	minLength	maxLength
string	0	255

Data Element Comment

dState

dState

0 : M	dState.01 - State Required Element	O

dState

dState.01 - State Required Element

Definition

Indicates which elements are required by the state.

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

Attributes

TIMESTAMP
Data Type: String   **minInclusive:** 1950-01-01T00:00:00-00:00   **maxInclusive:** 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}

Constraints

Data Type	minLength	maxLength
string	1	100

Data Element Comment

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

eState

eState

0 : M   eState.01 - State Required Element   O

eState

eState.01 - State Required Element

Definition

Indicates which elements are required by the state

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

Attributes

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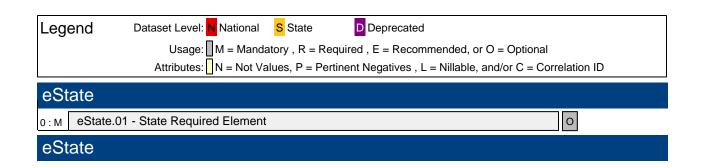**Pattern**
[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

Constraints

Data Type	minLength	maxLength
string	1	100

Data Element Comment

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

dConfiguration

dConfiguration

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

dConfiguration

State | National

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

Definition

The state associated with the state certification/licensure levels.

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

Constraints

Pattern
[0-9]{2}

Data Element Comment

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

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

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

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

Data Element Comment

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

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

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	999999999999999	100000

Data Element Comment

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

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

Code list is represented in SNOMEDCT: Reference the 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

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

dConfiguration.04

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 (RXCUI) Code. This is associated with the EMS Agency State (dAgency.01).

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

Version 3 Changes Implemented

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

List of medications based on RxNorm (RXCUI) code.

Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html

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
9914013	Cardiac Arrest-Hypothermia-Therapeutic
9914015	Cardiac Arrest-Pulseless Electrical Activity
9914017	Cardiac Arrest-Ventricular Fibrillation/ Pulseless Ventricular Tachycardia
9914019	Cardiac Arrest-Post Resuscitation Care
9914021	Environmental-Altitude Sickness
9914023	Environmental-Cold Exposure
9914025	Environmental-Frostbite/Cold Injury
9914027	Environmental-Heat Exposure/Exhaustion
9914029	Environmental-Heat Stroke/Hyperthermia
9914031	Environmental-Hypothermia
9914033	Exposure-Airway/Inhalation Irritants
9914035	Exposure-Biological/Infectious
9914037	Exposure-Blistering Agents
9914041	Exposure-Chemicals to Eye
9914043	Exposure-Cyanide
9914045	Exposure-Explosive/ Blast Injury
9914047	Exposure-Nerve Agents
9914049	Exposure-Radiologic Agents
9914051	General-Back Pain
9914053	General-Behavioral/Patient Restraint
9914055	General-Cardiac Arrest
9914057	General-Dental Problems
9914059	General-Epistaxis
9914061	General-Fever
9914063	General-Individualized Patient Protocol
9914065	General-Indwelling Medical Devices/Equipment
9914067	General-IV Access
9914069	General-Medical Device Malfunction
9914071	General-Pain Control
9914073	General-Spinal Immobilization/Clearance
9914075	General-Universal Patient Care/ Initial Patient Contact
9914077	Injury-Amputation
9914079	Injury-Bites and Envenomations-Land

9914081	Injury-Bites and Envenomations-Marine
9914083	Injury-Bleeding/ Hemorrhage Control
9914085	Injury-Burns-Thermal
9914087	Injury-Cardiac Arrest
9914089	Injury-Crush Syndrome
9914091	Injury-Diving Emergencies
9914093	Injury-Drowning/Near Drowning
9914095	Injury-Electrical Injuries
9914097	Injury-Extremity
9914099	Injury-Eye
9914101	Injury-Head
9914103	Injury-Impaled Object
9914105	Injury-Multisystem
9914107	Injury-Spinal Cord
9914109	Medical-Abdominal Pain
9914111	Medical-Allergic Reaction/Anaphylaxis
9914113	Medical-Altered Mental Status
9914115	Medical-Bradycardia
9914117	Medical-Cardiac Chest Pain
9914119	Medical-Diarrhea
9914121	Medical-Hyperglycemia
9914123	Medical-Hypertension
9914125	Medical-Hypoglycemia/Diabetic Emergency
9914127	Medical-Hypotension/Shock (Non-Trauma)
9914129	Medical-Influenza-Like Illness/ Upper Respiratory Infection
9914131	Medical-Nausea/Vomiting
9914133	Medical-Newborn/ Neonatal Resuscitation
9914135	General-Overdose/Poisoning/Toxic Ingestion
9914137	Medical-Pulmonary Edema/CHF
9914139	Medical-Respiratory Distress/Asthma/COPD/Reactive Airway
9914141	Medical-Seizure
9914143	Medical-ST-Elevation Myocardial Infarction (STEMI)
9914145	Medical-Stroke/TIA
9914147	Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)
9914149	Medical-Syncope
9914151	Medical-Ventricular Tachycardia (With Pulse)
9914153	Not Done
9914155	OB/GYN-Childbirth/Labor/Delivery
9914157	OB/GYN-Eclampsia
9914159	OB/GYN-Gynecologic Emergencies
9914161	OB/GYN-Pregnancy Related Emergencies
9914163	OB/GYN-Post-partum Hemorrhage
9914165	Other
9914167	Exposure-Carbon Monoxide
9914169	Cardiac Arrest-Do Not Resuscitate
9914171	Cardiac Arrest-Special Resuscitation Orders
9914173	Exposure-Smoke Inhalation
9914175	General-Community Paramedicine / Mobile Integrated Healthcare
9914177	General-Exception Protocol
9914179	General-Extended Care Guidelines
9914181	General-Interfacility Transfers
9914183	General-Law Enforcement - Blood for Legal Purposes
9914185	General-Law Enforcement - Assist with Law Enforcement Activity
9914187	General-Neglect or Abuse Suspected
9914189	General-Refusal of Care
9914191	Injury-Mass/Multiple Casualties
9914193	Injury-Thoracic
9914195	Medical-Adrenal Insufficiency
9914197	Medical-Apparent Life Threatening Event (ALTE)
9914199	Medical-Tachycardia
9914201	Cardiac Arrest-Determination of Death / Withholding Resuscitative Efforts
9914203	Injury-Conducted Electrical Weapon (e.g., Taser)
9914205	Injury-Facial Trauma
9914207	Injury-General Trauma Management
9914209	Injury-Lightning/Lightning Strike
9914211	Injury-SCUBA Injury/Accidents
9914213	Injury-Topical Chemical Burn
9914215	Medical-Beta Blocker Poisoning/Overdose
9914217	Medical-Calcium Channel Blocker Poisoning/Overdose

9914219   Medical-Opioid Poisoning/Overdose
9914221   Medical-Respiratory Distress-Bronchiolitis
9914223   Medical-Respiratory Distress-Croup
9914225   Medical-Stimulant Poisoning/Overdose

Data Element Comment

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

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

The list is defined by the NASEMSO State Medical Directors.

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

Version 3 Changes Implemented

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

State   National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Code List

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

Data Element Comment

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

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

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

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

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

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

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

Data Element Comment

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

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

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

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

RxNorm
Website - http://uts.nlm.nih.gov

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

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

9914223   Medical-Respiratory Distress-Croup
9914225   Medical-Stimulant Poisoning/Overdose

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

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

The list is defined by the NASEMSO State Medical Directors.

dConfiguration.11 - EMS Agency Specialty Service Capability

Definition

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

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

Attributes

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

Code List

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

Data Element Comment

dConfiguration.12 - Billing Status

Definition

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

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

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

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

State | National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Code List

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

Data Element Comment

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

dConfiguration.14 - EMD Vendor

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D04_17	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : M

Attributes

NOT Values (NV)

7701001 - Not Applicable	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

dConfiguration.15 - Patient Monitoring Capability(ies)

Definition

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

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

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Attributes

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

Code List

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

Data Element Comment

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

State National

dConfiguration.16 - Crew Call Sign

Definition

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

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

Attributes

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

Constraints

Data Type	**minLength**	**maxLength**
string	1	50

Data Element Comment

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

Definition

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

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

Attributes

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

Constraints

Data Type	**minLength**	**maxLength**
string	2	100

Data Element Comment

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

Version 3 Changes Implemented

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

dAgency

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

dAgency

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

dAgency

State National

dAgency.01 - EMS Agency Unique State ID

Definition

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

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

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Constraints

Data Type	**minLength**	**maxLength**
string	1	50

Data Element Comment

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

dAgency.02

dAgency.02 - EMS Agency Number

Definition

The state-assigned provider number of the responding agency

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

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Constraints

Data Type	minLength	maxLength
string	1	15

Data Element Comment

This is the primary identifier for the entire Demographic Section. Each of the Demographic sections must be associated with an EMS Agency Number. An EMS Agency can have more than one Agency Number within a state. This reflects the ability for an EMS Agency to have a different number for each service type or location (based on state implementation). The EMS Agency Number in dAgency.02 can be used to auto-populate eResponse.01 EMS Agency Number in the EMS Event section.

dAgency.03 - EMS Agency Name

Definition

The formal name of the agency.

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D01_02	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Attributes

NOT Values (NV)

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

Constraints

Data Type	**minLength**	**maxLength**
string	2	100

Data Element Comment

dAgency.04 - EMS Agency State

Definition

The state/territory which assigned the EMS agency number.

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

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Constraints

Pattern
[0-9]{2}

Data Element Comment

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

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

State   National

dAgency.05 - EMS Agency Service Area States

Definition

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

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

Constraints

Pattern
[0-9]{2}

Data Element Comment

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

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

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

State | National

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

Definition

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

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

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Attributes

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

Constraints

Pattern
[0-9]{5}

Data Element Comment

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

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

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.

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

dAgency.09 - Primary Type of Service

Definition

The primary service type provided by the agency.

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

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Code List

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

Data Element Comment

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

dAgency.10 - Other Types of Service

Definition

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

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

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Attributes

NOT Values (NV)
7701001 - Not Applicable   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.

State | National

dAgency.11 - Level of Service

Definition

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

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

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Code List

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

Data Element Comment

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

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

dAgency.12

State National

dAgency.12 - Organization Status

Definition

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

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

Associated Performance Measure Initiatives

Airway   Cardiac Arrest   Pediatric   Response   STEMI   Stroke   Trauma

Code List

Code	Description
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"

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.

dAgency.22 - EMS Billable Calls per Year

Definition

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

National Element	No	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	D01_18	Is Nillable	Yes
Usage	Recommended	Recurrence	0 : 1

Attributes

NOT Values (NV)

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

Constraints

Data Type	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.

dAgency.23 - EMS Agency Time Zone

Definition

The time zone for the EMS Agency.

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

Code List

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

Data Element Comment

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

dAgency.24 - EMS Agency Daylight Savings Time Use

Definition

Indicate if the EMS Agency conforms to Daylight Savings Time.

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

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

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

State   National

dAgency.25 - National Provider Identifier

Definition

The National Provider Identifier 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.

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

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.

dFacility

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

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

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

dFacility

0 : M dFacilityGroup   C

   0 : 1 dFacility.01 - Type of Facility   O

   0 : M dFacility.FacilityGroup   C

     0 : 1 dFacility.02 - Facility Name   O

     0 : 1 dFacility.03 - Facility Location Code   O

     0 : M dFacility.04 - Hospital Designations   O C

     0 : M dFacility.05 - Facility National Provider Identifier   O C

     0 : 1 dFacility.06 - Facility Room, Suite, or Apartment   O

     0 : 1 dFacility.07 - Facility Street Address   O

     0 : 1 dFacility.08 - Facility City   O

     0 : 1 dFacility.09 - Facility State   O

     0 : 1 dFacility.10 - Facility ZIP Code   O

     0 : 1 dFacility.11 - Facility County   O

     0 : 1 dFacility.12 - Facility Country   O

     0 : 1 dFacility.13 - Facility GPS Location   O

     0 : 1 dFacility.14 - Facility US National Grid Coordinates   O

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

dFacility

dFacility.01 - Type of Facility

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

National Element	No	Pertinent Negatives (PN)	No
State Element	No	NOT Values	No
Version 2 Element	D04_15	Is Nillable	No
Usage	Optional	Recurrence	0 : 1

Code List

Code	Description
1701001	Assisted Living Facility
1701003	Clinic
1701005	Hospital
1701007	Nursing Home
1701009	Other
1701011	Urgent Care
1701013	Rehabilitation Facility
1701015	Mental Health Facility
1701017	Dialysis Center

Data Element Comment

dFacility.02 - Facility Name

Definition

The name of the facility.

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

Constraints

Data Type	minLength	maxLength
string	2	100

Data Element Comment

dFacility.03 - Facility Location Code

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

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

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

Data Element Comment
The information contained within this element could be used to populate eScene.10 (Incident Facility Code) or eDisposition.02 (Destination/Transferred To, Code) via a drop down list created at either the EMS Agency or State level.

dFacility.04 - Hospital Designations

Definition

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

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

Attributes

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

Code List

Code	Description
9908001	Behavioral Health
9908003	Burn Center
9908005	Critical Access Hospital
9908007	Hospital (General)
9908009	Neonatal Center
9908011	Pediatric Center
9908017	Stroke Center
9908019	Rehab Center
9908021	Trauma Center Level 1
9908023	Trauma Center Level 2
9908025	Trauma Center Level 3
9908027	Trauma Center Level 4
9908029	Trauma Center Level 5
9908031	Cardiac-STEMI/PCI Capable
9908033	Cardiac-STEMI/PCI Capable (24/7)
9908035	Cardiac-STEMI/Non-PCI Capable

Data Element Comment

dFacility.05 - Facility National Provider Identifier

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

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

Attributes

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

Constraints

Data Type	**length**
string	10

Data Element Comment

dFacility.06 - Facility Room, Suite, or Apartment

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

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

Constraints

Data Type	minLength	maxLength
string	1	15

Data Element Comment

dFacility.07 - Facility Street Address

Definition			
The address where the facility is located.			

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

Attributes

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

Constraints

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

Data Element Comment

The information contained within this element could be used to populate the address information within eScene.18 (Incident State) and/or eDisposition.03 (Destination Street Address) as appropriate.

dFacility.08 - Facility City

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

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

Data Element Comment

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

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

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

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

dFacility.09 - Facility State

Definition

The state where the facility is located.

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

Constraints

Pattern
[0-9]{2}

Data Element Comment

Based on the ANSI Code. The information contained within this element could be used to populate the address information within eScene.18 (Incident State) and/or eDisposition.05 (Destination State) as appropriate.

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

dFacility.10 - Facility ZIP Code

Definition

The zip code where the facility is located.

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

Constraints

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

Data Element Comment

The information contained within this element could be used to populate the address information within eScene.19 (Incident ZIP Code) and/or eDisposition.07 (Destination ZIP Code) as appropriate.

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

dFacility.11 - Facility County

Definition

The county where the facility is located.

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

Constraints

Pattern
[0-9]{5}

Data Element Comment

Based on the ANSI Code. The information contained within this element could be used to populate the address information within eScene.21 (Incident County) and/or eDisposition.06 (Destination County) as appropriate.

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

dFacility.12 - Facility Country

Definition	

The country where the facility is located.

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

Code List

Code	**Description**
CA	Canada
MX	Mexico
US	United States

Data Element Comment

Based on the ANSI Code. The information contained within this element could be used to populate the address information within eScene.22 (Incident Country) and/or eDisposition.08 (Destination Country) as appropriate.

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

dFacility.13 - Facility GPS Location

Definition	

The facility GPS Coordinates.

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

Constraints	

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

Data Element Comment	

The information contained within this element could be used to populate the address information within eScene.10 (Scene GPS Location) and/or eDisposition.09 (Destination GPS Location) as appropriate.

The pattern for GPS location is in the format "*latitude*,*longitude*" where:
- *latitude* has a minimum of -90 and a maximum of 90 with up to 6 decimal places
- *longitude* has a minimum of -180 and a maximum of 180 with up to 6 decimal places

dFacility.14 - Facility US National Grid Coordinates

Definition			
Facility US National Grid Coordinates			

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

Constraints

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

Data Element Comment

Standard found at www.fgdc.gov/usng. The information contained within this element could be used to populate the address information within eScene.11 (Scene US National Grid Coordinates) and/or eDisposition.10 (Disposition Location US National Grid Coordinates) as appropriate.

dFacility.15 - Facility Phone Number

Definition			
Facility phone number.			

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

Attributes

CorrelationID
Data Type: string   **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

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

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