

Cardiac
Arrest
Registry to
Enhance
Survival

CARES
Version 3.5.1
Data Dictionary

LAST UPDATED – 10/2025 (v1.97SR1)

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The CARES Dataset, Version 3.5 is composed of three separate components. 1) A First Responder Dataset provides a standardized set of definitions describing a First Responding Agency event for a Cardiac Arrest event. 2) An EMS Dataset provides a standardized set of definitions describing an EMS event. 3) A Hospital Dataset provides a standardized set of definitions describing a Hospital event. This dataset employs the NEMSIS 3.5.0 standard.

Any implementation of the CARES Version 3.5 dataset must include the use of the EMS dataset, and XML standard.

Information provided in this document includes the following:

Name of the Data Element

Definition of the Data Element

Data Type of the Data Element (many data elements have comments provided to assist in the implementation of a database schema)

How to deal with missing or incomplete information (See Missing Data or Null Values below)

Notes:

- *Constraints - the constraints reflected in the fields in this document are meant to correspond to CARES constraints. See the NEMSIS definitions www.nemsis.org for more detailed element information.*
- *There may be more than one NEMSIS code mapped to a CARES field in enumerated elements. For instance, more than one NEMSIS code might map to CARES “Other” field as specified in the element definitions.*
- *If a dateTime field has no time component, such as Date of Birth, use dateTime format and pass in midnight (all zeroes).*
- *NOT Values are ignored by CARES unless its use is specifically noted on an element’s page.*

PARSING NOTES

If an XML file contains an incident that already exists in CARES for the agency based on its PCR UUID, it will not be imported. If the same incident UUID recurs inside of a single submission, only the first occurrence will be imported.

If an incident was already entered directly in CARES with the same Date of Arrest and Incident Number for a given agency (based on eArrest.14 or eTimes.03 and eResponse.03), the XML incident will not be imported.

Cardiac Arrest Registry to Enhance Survival (myCARES) Dataset (2020)

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Header

General Information

EMS Agency Unique State ID

dAgency.01

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 |

Constraints

Data Type

String

minLength

1

maxLength

50

Data Element Comment

This value must match the value set in the myCARES agency profile configuration.

EMS Agency Number

dAgency.02

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 | | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1:1 |

Constraints

Data Type

String

minLength

1

maxLength

15

Data Element Comment

This value must match the value set in the myCARES agency profile configuration.

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.

EMS Agency State

dAgency.04

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_0 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1:1 |

Constraints

Pattern

[0-9]{2}

Data Element Comment

This value must match the value set in the myCARES agency profile configuration.

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.

Software Used to Create This File

eRecord.03

Definition

The name of the software used to create this file.

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

Constraints

Data Type

String

minLength

1

maxLength

50

Data Element Comment

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

Software Version

eRecord.04

Definition

The version of the application used to create this record.

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

Constraints

Data Type
String

minLength
1

maxLength
50

EMS Dataset

Call Information

Date of Arrest

eArrest.14

| | | | |
|--|----------|---------------------------------|----------------------------|
| Definition The date of the cardiac arrest. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E11_08 | Is Nillable | Yes (NEMSIS) No (CARES) |
| Usage | Required | Recurrence | 1:1 |

Constraints

Data Type
dateTime

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}

Data Element Comment

If none is passed and eTimes.03 is nil or missing, the date value from eTimes.03 will be used.

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

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

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

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

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

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

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

Incident Number

eResponse.03

Definition

The incident number assigned by the 911 Dispatch System.

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

Constraints

Data Type
String

minLength
3

maxLength
50

Data Element Comment

The combination of Date of Arrest and Call Number must represent a unique event. **myCARES does not accept Not Values or Nil for this field. An Incident Number must be present in every Patient Care Report.**

EMS Response Number

eResponse.04

Definition

The internal EMS response number which is unique to each EMS vehicle's response to an incident within an EMS agency.

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

Constraints

Data Type

String

minLength

3

maxLength

50

Data Element Comment

This number can be passed as additional incident identifier.

Incident Address

eScene.15

Definition

The street address where the incident occurred.

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

Constraints

Data Type

String

minLength

1

maxLength

255

Data Element Comment

****CARES REQUIRED FIELD IN 2012****

Incident City

eScene.17

Definition

The city where the incident occurred.

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

Data Element Comment

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

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

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

Incident State ID

eScene.18

Definition

The state where the incident occurred.

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

Constraints

Data Type

String

length

2

Data Element Comment

Based on the ANSI State Code.

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

****CARES REQUIRED FIELD IN 2012****

Incident Zip Code

eScene.19

Definition

The zip code where incident occurred.

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

Constraints

Pattern

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

Data Element Comment

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

****CARES REQUIRED FIELD IN 2012*z**

Incident County ID

eScene.21

Definition

The FIPS County code where incident occurred.

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

Constraints

| | |
|------------------|---------------|
| Data Type | length |
| String | 5 |

Data Element Comment

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

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

****CARES REQUIRED FIELD IN 2012****

Patient First Name

ePatient.03

Definition

The patient's first name.

| | | | |
|--------------------------|--|---------------------------------|----------------------------|
| National Element | No | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E06_02 | Is Nillable | Yes |
| Usage | Recommended (NEMSIS) Required (CARES) | Recurrence | 0:1 |

Attributes

Pertinent Negatives (PN)

8801019 – Refused 8801023 - Unable to Complete

Constraints

Data Type

String

minLength

1

maxLength

50

Data Element Comment

****CARES REQUIRED FIELD IN 2012****

Patient Last Name

ePatient.02

Definition

The patient's last name.

| | | | |
|--------------------------|--|---------------------------------|----------------------------|
| National Element | No | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E06_01 | Is Nillable | Yes |
| Usage | Recommended (NEMSIS) Required (CARES) | Recurrence | 0:1 |

Attributes

Pertinent Negatives (PN)

8801019 – Refused 8801023 - Unable to Complete

Constraints

Data Type

String

minLength

1

maxLength

50

Data Element Comment

****CARES REQUIRED FIELD IN 2012****

Patient Age

ePatient.15

Definition

The patient's age.

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

Constraints

Data Type

Integer

minInclusive

1

maxInclusive

120

Data Element Comment

****CARES REQUIRED FIELD IN 2012****

Patient Age Units

ePatient.16

Definition

The unit used to define the patient's age.

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

Code List

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

Data Element Comment

Hours and Minutes will be calculated into days by CARES parsing.

Patient Date of Birth

ePatient.17

Definition

The patient's date of birth.

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

Attributes

Pertinent Negatives (PN)

8801019 – Refused 8801023 - Unable to Complete

Constraints

Data Type

date

minInclusive

1890-01-01

maxInclusive

2050-01-01

Data Element Comment

Valid date. To indicate an unknown DOB, send Unable to Complete or Refused PN.

****Either DOB OR DOB Unknown is REQUIRED by CARES IN 2012****

Patient Sex

ePatient.25/43

| | | | |
|---|----------------------|---------------------------------|-----------------------------|
| Definition The patient's sex. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMESIS) No (CARES) |
| Version 2 Element | E06_11 (ePatient.13) | Is Nillable | Yes |
| Usage | Required | Recurrence | 1:1 |

ePatient.25 Code List

| Code | CARES Description |
|---------|-------------------|
| 9919001 | Female |
| 9919003 | Male |
| 9919005 | No CARES mapping |

~~ePatient.13 Code List (Deprecated)~~

| Code | CARES Description |
|--------------------|------------------------------|
| 9906001 | Female |
| 9906003 | Male |
| 9906007 | Female |
| 9906009 | Male |
| 9906011 | No CARES mapping |
| 9906005 | No CARES mapping |

Data Element Comment

ePatient.13 is deprecated in NEMESIS 3.5.0CP5. CARES will import ePatient.25. If CARES receives 3.5.0 XML with ePatient.13 ONLY and no valid ePatient.25 value, the deprecated element ePatient.13 mappings above will be applied.

****CARES REQUIRED FIELD IN 2012****

Patient Race/Ethnicity

ePatient.14

Definition

The patient's race/ethnicity.

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

Attributes

NOT Values (NV)

7701001 - Not Applicable (not mapped by CARES) 7701003 - Not Recorded

Code List

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

Data Element Comment

The patient's ethnicity.

Not Value of "Not Recorded" will map to the myCARES "Unknown" value.

****CARES REQUIRED FIELD IN 2012****

Medical History

eHistory.08

Definition

The patient's pre-existing medical or surgical history.

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Pertinent Negatives (PN)

8801015 - None Reported 8801019 – Refused 8801023 - Unable to Complete 8801021 – Unresponsive

CorrelationID

Data Type

String

minLength

0

maxLength

255

Attributes

Pattern

([A-QSTZ][0-9]{2})([0-9A-Z]{1,3})?

Code List (accepted by CARES)

Code

8801015

Description

No (Pertinent Negative)

8801023

Unknown (Pertinent Negative)

ICD-10 starts with C00-C99, D00-D99*, R97

Cancer

ICD-10 starts with E08-E13

Diabetes

ICD-10 starts with I05-09, I20-27, I30-I52, I95, Q20-24, Z95

Heart Disease

ICD-10 starts with E78

Hyperlipidemia

ICD-10 starts with I10-16

Hypertension

ICD-10 starts with N00-08, N10-19

Renal Disease

ICD-10 starts with J12, J40-47, J80-86, J90-99

Respiratory Disease

or is B97.21 or B97.4

ICD-10 starts with I60-63, I69

Stroke

*D49.9 will not import as Cancer.

Data Element Comment

Any other eHistory.08 value will map to "Other". Please pass text of what other is in MedHistoryOtherStr.

All other scenarios will map to "Unknown".

SUPPLEMENTAL

Medical History Other

eCustomConfiguration.MedicalHistoryOtherStr

Definition

Field used to pass a text/string value for Medical History Other.

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

Constraints

Data Type

String

minLength

1

maxLength

50

Data Element Comment

Any other eHistory.08 value will map to “Other”. This field is used to pass a text/string value for Medical History Other.

SUPPLEMENTAL

Fire/First Responder

eScene.03 and eScene.24

| | | | |
|--|----------|---------------------------------|-----------------------------------|
| Definition The Fire/First Responder code for this event. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | No (eScene.03) Yes (eScene.24) |
| Version 2 Element | | Is Nillable | No |
| Usage | Required | Recurrence | 1:1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable (not mapped by CARES)

Constraints – eScene.03

Data Type

String

minLength

1

maxLength

15

Code List – eScene.24

| Code | Description |
|---------|-------------|
| 9923001 | No |
| 9923003 | Yes |

Data Element Comment

This is the first responder agency that first provided medical care during the arrest.

eScene.03 values are unique to an agency in CARES and may comprise a list of First Responder names in the myCARES application. Many states provide a list of all First Responder Agency Import Value Codes. Lists can also be obtained from the agency.

eScene.24 must be passed as “Yes” with eScene.03 in order for myCARES to identify which eScene.03 import value code is the first First Responder to provide medical care on scene.

Fire/First Responder is a CARES Required field. The following will be accepted by myCARES:

- First instance of eScene.24 = “Yes” with an associated import value code listed in eScene.03 will be mapped to Fire/First Responder.

All other combinations including no eScene.ResponderGroup being sent will select “No First Responder Dispatched” checkbox*.

*Note: Agencies that first respond with other units from their own agency on 100% of arrests may request an import default first responder of their agency to be applied instead of “No First Responder Dispatched.”

****CARES REQUIRED FIELD IN 2012****

Destination Hospital

eDisposition.02 / eDisposition.21

Definition

The destination hospital code for this event.

| | | | |
|--------------------------|--|---------------------------------|----------------------------|
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No (CARES) Yes (NEMSIS) |
| Version 2 Element | E20_02 | Is Nillable | No (CARES) Yes (NEMSIS) |
| Usage | Required (CARES; see comments) Recommended (NEMSIS) | Recurrence | 1:1 |

Constraints

Data Type

String

minLength

2

maxLength

50

Code List

Valid Destination Hospital w/ Agency or State Data Set Facility Import Value as set up in myCARES.

Data Element Comment

Established state facility codes are preferred. If the patient is Pronounced in the Field (End of the Event), Destination Hospital is not expected or required.

CARES only imports eDisposition.02 when eDisposition.21 = Hospital (4221003 or 4221005) or Freestanding ED (4221023) or eDisposition.02 has a Not Value. All other destination types in eDisposition.21 are not supported for import in CARES.

EMS Dataset

Arrest Information

Location Type

eScene.09

| | | | |
|--|----------|---------------------------------|----------------------------|
| Definition The type of location where the incident occurred. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1:1 |

Data Element Comment

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

ICD-10-CM

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

The ICD-10 values will be mapped to the following CARES values:

- 1 Home/Residence
- 2 Public/Commercial Building
- 3 Street/Hwy
- 4 Nursing Home
- 6 Healthcare Facility
- 9 Place of Recreation
- 10 Industrial Place
- 14 Other
- 15 Transport Center

****CARES REQUIRED FIELD IN 2012****

Location Type Other

eCustomConfiguration.LocationTypeOther

| | | | |
|--|----------|---------------------------------|-----|
| Definition The type of location where incident occurred; Other text field. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Optional | Recurrence | 0:1 |

Constraints

Data Type
String

minLength
1

maxLength
50

Data Element Comment

If sending Y92.8 for eScene.09, XML should contain this custom element with a value. Otherwise, this is optional and only used to clarify an Other location.

Arrest Witness Status

eArrest.01 and eArrest.04

| | | | |
|---|----------|---------------------------------|--------------------------------------|
| Definition A witnessed arrest is one that is seen or heard by another person. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1:1 (eArrest.01) 1:M (eArrest.04) |

Data Element Comment

eArrest.01 and eArrest.04 are mapped to the CARES field, Arrest Witnessed Status:

Unwitnessed:

eArrest.01 = 3001003 Yes, Prior to Any EMS Arrival (includes Transport EMS & Medical First Responders) **AND**
eArrest.04 = 3004001 Not witnessed

Witnessed by Bystander:

eArrest.01 = 3001003 Yes, Prior to Any EMS Arrival (includes Transport EMS & Medical First Responders) **AND**
eArrest.04 = 3004003 Witnessed by Family Member **AND/OR**
eArrest.04 = 3004005 Witnessed by Healthcare Provider **AND/OR**
eArrest.04 = 3004007 Witnessed by Bystander

Witnessed by 911 Responder:

eArrest.01 = 3001005 Yes, After Any EMS Arrival (includes Transport EMS & Medical First Responders) **AND**
eArrest.04 = 3004003 Witnessed by Family Member **AND/OR**
eArrest.04 = 3004005 Witnessed by Healthcare Provider **AND/OR**
eArrest.04 = 3004007 Witnessed by Bystander

ELSE, field is left **BLANK** for following paired values:

eArrest.01 = 3001005 Yes, After Any EMS Arrival (includes Transport EMS & Medical First Responders) **AND**
eArrest.04 = 3004001 Not witnessed

Presumed Cardiac Arrest Etiology

eArrest.02

Definition

Indication of the etiology or cause of the cardiac arrest.

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

Code List

| Code | Description |
|---------|---------------------------|
| 3002001 | Presumed Cardiac Etiology |
| 3002015 | Trauma |
| 3002013 | Respiratory/Asphyxia |
| 3002003 | Drowning/Submersion |
| 3002007 | Electrocution |
| 3002011 | Other |
| 3002009 | Exsanguination/Hemorrhage |
| 3002005 | Drug Overdose |

Data Element Comment

See Custom Element CardiacEtiologyOther on next page for usage of "Other" values.

****CARES REQUIRED FIELD IN 2012****

Presumed Cardiac Arrest Etiology Other

eCustomConfiguration.CardiacEtiologyOther

Definition

Field used to pass a text/string value for Presumed Cardiac Arrest Etiology Other.

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

Constraints

Data Type

String

minLength

1

maxLength

50

Data Element Comment

Only send this element when eArrest.02 = 3002011.

EMS Dataset

Resuscitation Information

Resuscitation Attempted By 911 Responder (or AED shock given prior to EMS arrival)

eArrest.03, eArrest.07, eArrest.20, eArrest.22

| | | | |
|--|----------|---------------------------------|--|
| Definition Indication of an attempt to resuscitate the patient who is in cardiac arrest. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1:M (eArrest.03) 1:1 (eArrest.07, eArrest.20, eArrest.22) |

Attributes

NOT Values (NV)

7701001 - Not Applicable (not mapped by CARES) 7701003 - Not Recorded

Data Element Comment

See https://nemsis.org/media/nemsis_v3/release-3.5.0/DataDictionary/PDFHTML/EMSDEMSTATE/index.html

Yes:

eArrest.03 = 3003001 Attempted Defibrillation **OR** 3003003 Attempted Ventilation **OR** 3003005 Initiated Chest Compressions **OR**

eArrest.07 = 3007003 Yes, Applied without Defibrillation **OR** = 3007005 Yes, Applied With Defibrillation **OR**

eArrest.20 = Any Code/Value (not NV) **OR**

eArrest.22 = Any Code/Value (not NV)

No:

eArrest.03 = 3003007 Not Attempted-Considered Futile **OR** 3003009 Not Attempted-DNR Orders **OR** 3003011 Not Attempted-Signs of Circulation **OR** NV **AND**

eArrest.07 = 3007001 No **OR** NV **AND**

eArrest.20 = NV **AND**

eArrest.22 = NV

****FIELD CHANGED IN 2011****

****CARES REQUIRED FIELD IN 2012****

Who Initiated CPR

eArrest.20

| | | | |
|--|----------|---------------------------------|-----|
| Definition Identifies the initial person to perform CPR. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1:1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 3020001 | Bystander |
| 3020003 | Family Member |
| 3020005 | Healthcare Provider (non-911 Responder) |
| 3020007 | First Responder |
| 3020009 | First Responder |
| 3020011 | First Responder |
| 3020013 | EMS Responder (transport EMS) |

Data Element Comment

The NEMSIS codes map to the corresponding CARES answer choice (description) as shown above.

****CARES REQUIRED FIELD IN 2012****

Did Law Enforcement initiate CPR?

eArrest.20

Definition

Identifies if the First Responder who was responsible for initiating CPR was Law Enforcement.

| | | | |
|--------------------------|----------------------------------|---------------------------------|-----|
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | No |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required/Optional (see comments) | Recurrence | 0:1 |

Code List

| Code | Description |
|---------|-------------|
| 3020009 | Yes |
| 3020007 | No |
| 3020011 | No |

Type of Bystander CPR Provided

eCustomConfiguration.BystanderCPRProvidedID

Definition

Describes type of CPR (if) performed by a bystander.

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

Code List

| Code | Description |
|------|-------------------------------|
| 1 | Compressions and ventilations |
| 2 | Compressions only |
| 3 | Ventilations only |
| 8 | Unknown |

Data Element Comment

If custom element BystanderCPRProvidedID is not included in the incident, "Unknown" will be populated in CARES.

****NEW FIELD IN 2011****

*****SUPPLEMENTAL*****

Were Dispatcher CPR instructions provided eCustomConfiguration.CPRInstructionsProvided

Definition

Indicates if dispatcher CPR instructions were provided to the caller.

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

Code List

| Code | Description |
|------|-------------|
| 1 | Yes |
| 2 | No |
| 3 | Unknown |

Data Element Comment

If custom element CPRInstructionsProvided is not included in the incident, "Unknown" will be populated in CARES.

****NEW FIELD IN 2011****

*****SUPPLEMENTAL*****

Was an AED applied prior to EMS arrival

eArrest.07

| | | | |
|---|----------|---------------------------------|----------------------------|
| Definition Identifies if an AED was applied, with or without defibrillation, prior to the transporting provider's arrival on scene. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1:1 |

Code List

| Code | Description |
|---------|-----------------------------|
| 3007001 | No |
| 3007003 | Yes, without defibrillation |
| 3007005 | Yes, with defibrillation |

Data Element Comment

****NEW FIELD IN 2011****

****CARES REQUIRED FIELD IN 2012****

Who First Applied the AED

eArrest.21

| | | | |
|--|-----------|---------------------------------|--|
| Definition Identifies the individual who initially applied the AED during resuscitation. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) *No (CARES, see Comment) |
| Version 2 Element | | Is Nillable | Yes |
| Usage | *Required | Recurrence | 1:1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 3021001 | Bystander |
| 3021003 | Family Member |
| 3021005 | Healthcare Provider (non-911 Responder) |
| 3021009 | Law Enforcement First Responder |
| 3021007 | Non-Law Enforcement First Responder |
| 3021011 | Non-Law Enforcement First Responder |
| 3021013 | EMS Responder (transport EMS) |

Data Element Comment

*If eArrest.07, Was an AED applied prior to EMS arrival = 3007001 (No), then any value passed in this field will be removed in parsing. In this case, please pass a nil and any NV in Who First Applied the AED. NEMSIS value 3021013 EMS Responder (transport EMS) is ignored in parsing and will not map, as this is not an answer choice in myCARES.

****CARES REQUIRED FIELD IN 2012****

Who First Defibrillated the Patient

eArrest.22

Definition

Identifies the individual who was responsible for first defibrillating the patient.

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

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 3022001 | Bystander |
| 3022003 | Family Member |
| 3022005 | Healthcare Provider (non-911 Responder) |
| 3022009 | Law Enforcement First Responder |
| 3022007 | Non-Law Enforcement First Responder |
| 3022011 | Non-Law Enforcement First Responder |
| 3022013 | EMS Responder (transport EMS) |

Data Element Comment

****NEW FIELD IN 2011****

****CARES REQUIRED FIELD IN 2012****

Did 911 Responder perform CPR

eArrest.09 and eArrest.20

| Definition | | | |
|---|----------|--------------------------|--------------------------------------|
| Indicates if 911 responder (BLS and/or ALS) performed CPR during the event. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1:M (eArrest.09) 1:1 (eArrest.20) |

Yes:

eArrest.09 (Type of CPR Provided) is any of:

| | |
|---------|---|
| 3009001 | Compressions-Manual |
| 3009003 | Compressions-External Band Type Device |
| 3009005 | Compressions-External Plunger Type Device |
| 3009007 | Compressions-External Thumper Type Device |
| 3009009 | Compressions-Intermittent with Ventilation |
| 3009011 | Compressions-Other Device |
| 3009021 | Compressions-Hands Only CPR |
| 3009013 | Ventilation-Bag Valve Mask |
| 3009015 | Ventilation-Impedance Threshold Device |
| 3009017 | Ventilation-Mouth to Mouth |
| 3009019 | Ventilation-Pocket Mask |
| 3009023 | Ventilation-with OPA/NPA |
| 3009025 | Ventilation-Advanced Airway Device |
| 3009027 | Ventilation-Passive Ventilation with Oxygen |

OR eArrest.20 (Who First Initiated CPR) is any of:

| | |
|---------|-----------------------------------|
| 3020007 | First Responder (EMS) |
| 3020009 | First Responder (Law Enforcement) |
| 3020011 | First Responder (non-EMS Fire) |
| 3020013 | EMS Responder (transport EMS) |

No:

If none of the above are true, No will be set on import.

Data Element Comment

SUPPLEMENTAL

EMS Dataset

First Cardiac/ROSC Information

First Arrest Rhythm of Patient

eArrest.11

Definition

The first monitored rhythm is the first cardiac rhythm present when a manual (monitor/defibrillator) or AED (automated external defibrillator) is attached to a patient after cardiac arrest.

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

Code List

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

Data Element Comment

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

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

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

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

myCARES will not process Not Values for this field.

Sustained ROSC (20 consecutive minutes)

Or present at end of EMS care

eArrest.18, eArrest.17, eArrest.12

| | | | |
|--|----------|---------------------------------|----------------------------|
| Definition Sustained Return of Spontaneous Circulation (ROSC) is defined as the restoration of a palpable pulse or a measurable blood pressure for 20 consecutive minutes or present at end of EMS care. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | | Is Nillable | No |
| Usage | Required | Recurrence | 1:M |

Data Element Comment

When documenting eArrest.12 (Any Return of Spontaneous Circulation), multiple values should be sent whenever applicable, and CARES participant providers should be trained to document as many values as apply.

CARES determines Sustained ROSC using the following precedence and mappings:

1. eArrest.18 (End of EMS Cardiac Arrest Event): If 3018009 (ROSC in the ED) is present, set Sustained ROSC = Yes, pulse at end of EMS care (or ED arrival).
2. eArrest.17 (Cardiac Rhythm on Arrival at Destination): If the set of values contains only perfusing rhythms, set Sustained ROSC = Yes, pulse at end of EMS care (or ED arrival). If any non-perfusing or unclear rhythm is present, do not set from this element.
3. If neither of the above is true, map eArrest.12 combinations as follows:
 - Sustained ROSC = No:
 - 3012001 (No)
 - OR 3012005 (Yes, Prior to Arrival at the ED)
 - Sustained ROSC = Yes, but pulseless at end of EMS care (or ED arrival):
 - 3012007 (Yes, Sustained for 20 consecutive minutes)
 - OR 3012005+3012007 (Yes, Prior to Arrival at the ED; Yes, Sustained for 20 consecutive minutes)
 - Sustained ROSC = Yes, pulse at end of EMS care (or ED arrival):
 - 3012003 (Yes, At Arrival at the ED)
 - OR 3012003+3012005 (Yes, At Arrival at the ED; Yes, Prior to Arrival at the ED)
 - OR 3012003+3012007 (Yes, At Arrival at the ED; Yes, Sustained for 20 consecutive minutes)
 - OR 3012003+3012005+3012007 (Yes, At Arrival at the ED; Yes, Prior to Arrival at the ED; Yes, Sustained for 20 consecutive minutes)
 - Sustained ROSC = Blank (Not Documented):
 - NV 7701001 (Not Applicable)
 - NV 7701003 (Not Recorded)

Complete technical details are available [here](#).

****FIELD CHANGED IN 2011****

****CARES REQUIRED FIELD IN 2012****

End of the Event

eArrest.16 and eArrest.18

| | | | |
|--|----------|---------------------------------|--------------------------------------|
| Definition The reason that CPR or other resuscitation efforts were discontinued. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | | Is Nillable | No |
| Usage | Required | Recurrence | 1:1 (eArrest.16) 1:1 (eArrest.18) |

Data Element Comment

See https://nemsis.org/media/nemsis_v3/release-3.5.0/DataDictionary/PDFHTML/EMSDEMSTATE/index.html

Effort ceased due to DNR: eArrest.16 = 3016001 DNR (eArrest.18 is not evaluated for import in this case)

Pronounced in the Field: eArrest.18 = 3018003 Expired in the Field

Pronounced in the ED: eArrest.18 = 3018001 Expired in ED

Ongoing Resuscitation in ED: eArrest.18 = 3018005 Ongoing Resuscitation in ED OR 3018007 ROSC in Field OR 3018009 ROSC in the ED OR 3018011 Ongoing Resuscitation by Other EMS

****FIELD CHANGED IN 2011****

****CARES REQUIRED FIELD IN 2012****

When did sustained ROSC first occur

eCustomConfiguration.ROSCStart

Definition

When ROSC (Return of Spontaneous Circulation) is defined as the restoration of a palpable pulse or a measurable blood pressure) first occurred.

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

Code List

| Code | Description |
|------|-------------|
|------|-------------|

| | |
|---|-----------------------------|
| 1 | Never |
| 2 | After Bystander CPR only |
| 3 | After Bystander defib shock |
| 4 | After EMS CPR only |
| 5 | After EMS Defib. shock |
| 6 | After ALS |
| 7 | Unknown |

Data Element Comment

SUPPLEMENTAL

EMS Dataset

Times Information

Estimated time of arrest

eArrest.14

| | | | |
|--|---------------------------------------|---------------------------------|----------------------------|
| Definition Estimated time of arrest. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E11 08 | Is Nillable | Yes |
| Usage | Required (NEMSIS) Optional (CARES) | Recurrence | 1:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

This field is mapped to eArrest.14, which is required if using for Date of Arrest. This myCARES time field is captured separately and optional.

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

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

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

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

SUPPLEMENTAL

Time of 1st defibrillatory shock

eCustomConfiguration.DefibTime

| | | | |
|---|----------|---------------------------------|-----|
| Definition The time the first defibrillation was given. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Optional | Recurrence | 0:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

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

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

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

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

SUPPLEMENTAL

Time of 1st CPR

eArrest.19

| | | | |
|--|----------|---------------------------------|-----|
| Definition The initial date and time that CPR was started by anyone. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Optional | Recurrence | 0:1 |

Constraints

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

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

Data Element Comment

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

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

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

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

*****SUPPLEMENTAL*****

Time of Sustained ROSC

eCustomConfiguration.TimeSusRosC

| | | | |
|--|----------|---------------------------------|-----|
| Definition The time of sustained ROSC. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Optional | Recurrence | 0:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

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

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

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

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

SUPPLEMENTAL

Time Resuscitation Terminated

eArrest.15

| | | | |
|--|-------------|---------------------------------|----------------------------|
| Definition The date/time resuscitation was terminated. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Recommended | Recurrence | 0:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

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

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

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

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

SUPPLEMENTAL

No First Responder dispatched

eScene.ResponderGroup

Definition

This is a single checkbox that indicates that a 911 first responder was not dispatched.

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

Attributes

NOT Values (NV)

7701001 - Not Applicable

Code List

| Code | Description |
|---------|-------------|
| 9923001 | No |

Data Element Comment

First instance of eScene.24 = "Yes" with an associated import value code listed in eScene.03 will be mapped to Fire/First Responder. See Fire/First Responder for more details.

All other combinations of eScene.ResponderGroup including no eScene.ResponderGroup being sent will select "No First Responder Dispatched" checkbox*.

*Note: Agencies that first respond with other units from their own agency on 100% of arrests may request an import default first responder of their agency to be applied instead of "No First Responder Dispatched."

SUPPLEMENTAL

Time call received at dispatch center

eTimes.01

| | | | |
|--|---------------------------------------|---------------------------------|----------------------------|
| Definition The time the original call was received at the dispatch center. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E05_02 | Is Nillable | Yes |
| Usage | Required (NEMSIS) Optional (CARES) | Recurrence | 1:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

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

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

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

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

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

SUPPLEMENTAL

Time First Responder dispatched

eCustomConfiguration.FRDispatched

| | | | |
|--|----------|---------------------------------|-----|
| Definition The time the first responder was dispatched to arrive on scene. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | No |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Optional | Recurrence | 0:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

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

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

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

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

SUPPLEMENTAL

Time First Responder en route

eCustomConfiguration.FREnroute

| | | | |
|---|----------|---------------------------------|-----|
| Definition The time the first responder vehicle began moving towards the scene. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | No |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Optional | Recurrence | 0:1 |

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

SUPPLEMENTAL

Time First Responder arrived at scene

eScene.05

| | | | |
|---|----------|---------------------------------|-----|
| Definition The time the first responder arrived at scene. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | No |
| Version 2 Element | E08_04 | Is Nillable | No |
| Usage | Optional | Recurrence | 0:1 |

Constraints

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

Pattern

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

Data Element Comment

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

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

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

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

SUPPLEMENTAL

Time Ambulance dispatched

eTimes.03

| | | | |
|--|---|---------------------------------|-----|
| Definition The time the ambulance (transporting provider) was dispatched to arrive on scene. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E05_04 | Is Nillable | No |
| Usage | Mandatory (NEMESIS) Optional (CARES) | Recurrence | 1:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

If eTimes.03 and eArrest.14 are nil/missing, this value will be used for Date of Arrest.

Since this element is not nillable and does not accept NV- please pass min value if no mapping to this field

1950-01-01T00:00:0000:00

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

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

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

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

SUPPLEMENTAL

Time Ambulance en route

eTimes.05

| | | | |
|---|---------------------------------------|---------------------------------|----------------------------|
| Definition The time the ambulance (transporting provider) vehicle began moving towards the scene. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E05_05 | Is Nillable | Yes |
| Usage | Required (NEMSIS) Optional (CARES) | Recurrence | 1:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

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

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

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

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

SUPPLEMENTAL

Time Ambulance arrived at scene

eTimes.06

| | | | |
|---|---------------------------------------|---------------------------------|----------------------------|
| Definition The time the ambulance (transporting provider) arrived at scene. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E05_06 | Is Nillable | Yes |
| Usage | Required (NEMSIS) Optional (CARES) | Recurrence | 1:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

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

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

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

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

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

SUPPLEMENTAL

Time EMS arrived at patient side

eTimes.07

| | | | |
|--|---------------------------------------|---------------------------------|----------------------------|
| Definition The time the ambulance (transporting provider) vehicle arrived at the patient's side. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E05_07 | Is Nillable | Yes |
| Usage | Required (NEMSIS) Optional (CARES) | Recurrence | 1:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

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

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

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

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

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

SUPPLEMENTAL

Time Ambulance left scene

eTimes.09

| | | | |
|---|---------------------------------------|---------------------------------|----------------------------|
| Definition The time the ambulance (transporting provider) left the scene. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E05_09 | Is Nillable | Yes |
| Usage | Required (NEMSIS) Optional (CARES) | Recurrence | 0:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

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

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

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

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

SUPPLEMENTAL

Time Ambulance arrived at ED

eTimes.11

| Definition | | | |
|--|---------------------------------------|--------------------------|----------------------------|
| The time the ambulance (transporting provider) arrived at the destination hospital's ED. | | | |
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E05_10 | Is Nillable | Yes |
| Usage | Required (NEMSIS) Optional (CARES) | Recurrence | 1:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

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

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

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

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

SUPPLEMENTAL

EMS Dataset

Hypothermia Information

Was hypothermia care provided in the field

eArrest.10

Definition

Documentation of EMS initiation of therapeutic hypothermia prior to ED arrival.

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

Code List

| Code | Description |
|---------|-------------|
| 9923001 | No |
| 9923003 | Yes |

Data Element Comment

A value is NOT required in the XML, however this field is a CARES required field and will flag in CARES if not completed.

Note: A CARES setting can be enabled to default this to No so it does not have to be sent on all records and will not flag.

****REQUIRED FIELD IN 2011****

EMS Dataset

EMS Interventions

Mechanical CPR device used

eProcedures.03

Definition

Indicates if a mechanical CPR device was used during the course of resuscitation in the field.

| | | | |
|--------------------------|----------|---------------------------------|-----------------------------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes (NEMESIS) No (CARES) |
| Version 2 Element | E19_03 | Is Nillable | Yes |
| Usage | Optional | Recurrence | 0:1(CARES) 1:1(NEMESIS) |

Attributes

Pertinent Negatives (PN)

8801001 - Contraindication Noted 8801003 - Denied By Order 8801019 – Refused
8801023 - Unable to Complete

Code List

| Code | Description |
|-----------|-----------------------|
| 429283006 | CPR Mechanical Device |

Data Element Comment

A SNOMED code of 429283006 without a PN will import as “Yes” in CARES. All other scenarios import as “No”.

SNOMEDCT

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

Product: Product - UMLS Metathesaurus

SUPPLEMENTAL

Mechanical CPR device used detail

eArrest.09/eProcedures.03

Definition

NEMSIS Type of CPR Provided utilized to import Mechanical CPR device type used.

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

Code List

| Code | Description |
|---------|--|
| 3009003 | Load-Distributing Band (AutoPulse) |
| 3009005 | Active Compression Decompression (LUCAS™ Device) |
| 3009007 | Mechanical Piston |
| 3009011 | Other |

Data Element Comment

The above eArrest.09 values will set Mechanical CPR device used detail when eProcedures.03 contains 429283006 (with no PN value).

SUPPLEMENTAL

Mechanical CPR Device Other

eCustomConfiguration.MechCPRDeviceOtherStr

Definition

Field used to pass a text/string value for Mechanical CPR Device Other.

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

Constraints

Data Type
String

minLength
1

maxLength
50

Data Element Comment

Field used to pass a text/string value for Mechanical CPR Device Other

SUPPLEMENTAL

Automated CPR feedback device used

eCustomConfiguration.CPRFeedbackDevice

Definition

Indicates if an automated CPR feedback device was used during the course of resuscitation in the field.

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

Code List

| Code | Description |
|------|-------------|
| 1 | Yes |
| 2 | No |

Data Element Comment

SUPPLEMENTAL

Advanced airway successfully placed in the field

eAirway.02

| | | | |
|---|--|---------------------------------|----------------------------|
| Definition The date and time the airway device placement was confirmed. | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No (CARES) Yes (NEMSIS) |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Recommended (NEMSIS) Optional (CARES) | Recurrence | 0:1 |

Constraints

Data Type

dateTime

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}

Data Element Comment

This field maps to a xs:dateTime NEMSIS field eAirway.02. **To use eAirway.03, you must pass a datetime value in this field.** If the exact time is not known, pass the date value in eArrest.14 with midnight. The logic for the answer choice "No" really means the airway attempt was "Unsuccessful" and that the airway placement was attempted. It does NOT mean that the question was not applicable, not documented, etc. Not Values for this field will not be mapped.

eAirway.02 (Was advanced airway placed successfully in the field) is of datetime type. If you pass a date for this greater than the minInclusive value for this element, we will record this as a "Yes" answer. If you pass the minInclusive value of 1950-01-01T00:00:00-00:00 we will record a "No".

Examples:

Pass a "No" value:

```
<eAirway.02>1950-01-01T00:00:00-00:00</eAirway.02>
```

Pass a "Yes" with Combitube value

```
<eAirway.02>2013-06-04T00:00:00-08:00</eAirway.02>
```

```
<eAirway.03>4003007</eAirway.03>
```

SUPPLEMENTAL

Advanced airway successfully placed in the field detail

eAirway.03

Definition

Associated with Advanced Airway Successfully Placed in the Field, if yes, specify which device was used.

| | | | |
|-------------------|--|--------------------------|-----|
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Recommended (NEMSIS) Optional (CARES) | Recurrence | 1:M |

Attributes

NOT Values

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

Code List

| Code | Description |
|------|-------------|
|------|-------------|

| | |
|---------|---|
| 4003007 | Combitube |
| 4003009 | King airway |
| 4003011 | LMA |
| 4003003 | Oral/Nasal ET |
| 4003001 | Maps to Other radio and Cricothyrotomy Tube to other text field in CARES |
| 4003013 | Maps to Other radio and SAD-Other to other text field in CARES |
| 4003015 | Maps to "Used existing tracheostomy" for primary question, Advanced Airway successfully placed in field, in CARES |
| 4003005 | Maps to Other radio and Other-Invasive Airway to other text field in CARES |

Data Element Comment

To use this field, you must pass a datetime value for eAirway.02. The descriptions for those items that map to "Other" in myCARES above will be saved in the Advanced Airway "Other" text field in the myCARES Rev4 form. If 4003015 is passed, all other values passed will not be saved.

SUPPLEMENTAL

Airway Other

eCustomConfiguration.AirwayOtherStr

Definition

Field used to pass a text/string value for Airway Other.

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

Constraints

Data Type
String

minLength
1

maxLength
100

Data Element Comment

Field used to pass a text/string value for Airway Other

SUPPLEMENTAL

ITD used

eProcedures.03

Definition

Indicates whether an ITD (Impedance Threshold Device) was used during resuscitation as a procedure.

| | | | |
|--------------------------|----------|---------------------------------|----------------------------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E19_03 | Is Nillable | Yes |
| Usage | Optional | Recurrence | 0:1 |

Attributes

Pertinent Negatives (PN)

8801001 - Contraindication Noted 8801003 - Denied By Order 8801019 – Refused
8801023 - Unable to Complete

Code List

| Code | Description |
|-----------|----------------------------|
| 441893003 | Impedance Threshold Device |

Data Element Comment

A SNOMED code of 441893003 without a PN will import as “Yes” in CARES. All other scenarios import as “No”.

SNOMEDCT

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

Product: Product - UMLS Metathesaurus

SUPPLEMENTAL

ITD used detail

eCustomConfiguration.ITDID

Definition

If the device is used during resuscitation, the type of device should be indicated. If ITD = Yes, then indicate the device.

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

Code List

| Code | Description |
|------|----------------|
| 1 | Bag valve mask |
| 3 | Combitube |
| 4 | King Airway |
| 5 | LMA |
| 6 | Oral/Nasal ET |
| 7 | Other |

Data Element Comment

SUPPLEMENTAL

ITD Used Other

eCustomConfiguration.ITDOtherStr

Definition

Field used to pass a text/string value for Impedance Threshold Device Other.

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

Constraints

Data Type
String

minLength
1

maxLength
50

Data Element Comment

Field used to pass a text/string value for Impedance Threshold Device Other

SUPPLEMENTAL

Were drugs administered

eMedications.03

Definition

Indicates whether drugs were administered during field resuscitation.

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

Code List

| Code | Description |
|------|-------------|
|------|-------------|

| | |
|---|-----|
| 1 | Yes |
| 2 | No |

Data Element Comment

This field is populated as “Yes” if there are eMedication.03 values without a PN and “No” in all other cases.

SUPPLEMENTAL

Were drugs administered detail

eMedications.03

Definition

Indicates specific drugs that were administered during field resuscitation.

| | | | |
|-------------------|---------------------------------------|--------------------------|----------------------------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes (NEMSIS) No (CARES) |
| Version 2 Element | E18_03 | Is Nillable | Yes |
| Usage | Required (NEMSIS) Optional (CARES) | Recurrence | 1:M |

Code List (RXNorm)

| Code | Description |
|--------|----------------------|
| 317361 | Epinephrine 0.1mg/ml |
| 1223 | Atropine |
| 703 | Amiodarone |
| 36676 | Sodium Bicarbonate |
| 237653 | Dextrose |
| 6387 | Lidocaine |
| 11149 | Vasopressin |
| 1901 | Calcium Chloride |
| 6585 | Magnesium Sulfate |

The following RXNorm codes map to myCARES Naloxone:

7242, 197117, 203192, 1725055, 1725056, 1725057, 1725058, 1725059, 1725060, 1725061, 1725062, 1725063, 1725064, 1870932, 1870933, 1870934, 1870935

The following RXNorm codes import as “Other” Medications – (not a CARES coded value):

| | |
|--------|---------------|
| 7806 | Oxygen |
| 313002 | Normal Saline |

Data Element Comment

“Other” will be automatically selected if a code other than the above is passed.

SUPPLEMENTAL

Were drugs administered detail – Other

eCustomConfiguration.MedicationOtherStr

| | | | |
|---|----------|--------------------------|-----|
| <div>Definition</div> <div>Field used to pass a text/string value for Were drugs administered detail - Other.</div> | | | |
| National Element | No | Pertinent Negatives (PN) | No |
| State Element | No | NOT Values | No |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Optional | Recurrence | 0:1 |

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| String | 1 | 50 |

Data Element Comment

A text value may be passed in MedicationOtherStr in order to list other drugs administered during field resuscitation that are not included in the myCares accepted list for eMedications.03.

SUPPLEMENTAL

Definition

Describes which, if any, devices were inserted into a vein, which permits administration of intermittent or continuous infusion of parenteral solutions or medications.

| | | | |
|--------------------------|----------|---------------------------------|-----|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E19_03 | Is Nillable | Yes |
| Usage | Optional | Recurrence | 0:1 |

Attributes
Pertinent Negatives (PN)

8801001 - Contraindication Noted 8801003 - Denied By Order 8801019 – Refused
8801023 - Unable to Complete

Code List

| Code | CARES Value |
|------------|-------------|
| 4250748000 | IV |
| 392230005 | IV |
| 353008 | IV |
| 405427009 | IV |
| 430824005 | IO |

Data Element Comment

A value matching a code in the list will select the CARES value(s). Sending no eProcedures.03 element with a value in the list and/or only a value in the list with an PN attribute will select 'No' in CARES.

SNOMEDCT

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

Product: Product - UMLS Metathesaurus

SUPPLEMENTAL

12 Lead

eProcedures.03

| | | | |
|---|----------|---------------------------------|-----------------------------|
| Definition 12 Lead ECG obtained as a procedure. | | | |
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes (NEMESIS) No (CARES) |
| Version 2 Element | E19_03 | Is Nillable | Yes |
| Usage | Optional | Recurrence | 0:1 |

Attributes

Pertinent Negatives (PN)

8801001 - Contraindication Noted 8801003 - Denied By Order 8801019 – Refused
8801023 - Unable to Complete

Code List

| Code | Description |
|-----------|----------------------|
| 268400002 | 12 Lead ECG Obtained |

Data Element Comment

A SNOMED code of 268400002 will map to Yes in CARES. No eProcedures.03 value = 268400002 or all instances with a PN value will map to No in CARES.

SNOMEDCT

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

Product: Product - UMLS Metathesaurus

SUPPLEMENTAL

STEMI

eProcedures.03, eDisposition.24, eVitals.03

Definition

Indicates a myocardial infarction with ST elevation.

| | | | |
|-------------------|----------|--------------------------|-----|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E19_03 | Is Nillable | Yes |
| Usage | Optional | Recurrence | 0:1 |

Data Element Comment

STEMI = Yes when:

eProcedures.03 contains 268400002 [12 lead] (with no PN) AND

(eDisposition.24 = 4224013 [Yes-STEMI]) OR

eVitals.03 contains any of (9901051 [STEMI Anterior Ischemia], 9901053 [STEMI Inferior Ischemia], 9901055 [STEMI Lateral Ischemia], 9901057 [STEMI Posterior Ischemia], 9901058 [STEMI Septal Ischemia])

STEMI = No when:

eProcedures.03 contains 268400002 [12 lead] (with no PN)

AND NONE OF THE FOLLOWING ARE TRUE:

(eDisposition.24 = 4224013 [Yes-STEMI]) OR

eVitals.03 contains any of (9901051 [STEMI Anterior Ischemia], 9901053 [STEMI Inferior Ischemia], 9901055 [STEMI Lateral Ischemia], 9901057 [STEMI Posterior Ischemia], 9901058 [STEMI Septal Ischemia])

STEMI = Unknown when:

Neither of the above apply.

SUPPLEMENTAL

Hospital Dataset

Hospital Information

Passing Destination Hospital and Transfer Hospital data

Hospital information in an import may provide outcome data for *either* a destination or a transfer hospital the following ways. The hospital form fields are interdependent and must follow the below logic.

Transfer with Complete or Partial Hospital Outcome Data from Transfer Hospital:

Destination Hospital Elements and Data (no other element values will be parsed)

- EROutcome must = 4 (Transferred)
- Hypothermia_Provided_Hosp can be answered
- Transfer_hospitalid or Transfer_hospital should be answered

Transfer Hospital Elements and Data

- If EROutcomeTrans = 5, the following elements can contain values:
 - HospOutcomeTrans can be answered
 - HospOutcomeDNRTrans can be answered
 - If HospOutcomeTrans or HospOutcomeDNRTrans = 2, the following fields may contain values
 - HospDispositionTrans
 - NeuroOutcomeTrans can be answered if there is a value for HospDispositionTrans

Hospital Data for Destination Hospital ONLY:

Destination Hospital Elements and Data

- EROutcome must not = 4 (Transferred)
- Hypothermia_Provided_Hosp can be answered
- HospOutcome can be answered
- HospOutcomeDNR can be answered
- eOutcome.02 can be answered if ER or HospOutcome = Discharged Alive
- eArrest.13 can be answered if ER or HospOutcome = Discharged Alive and eOutcome.02 contains a value
- Transfer_hospitalid or Transfer_hospital should be answered only if HospOutcome or HospOutcomeDNR = Transferred
- If HospOutcome or HospOutcomeDNR = Transferred, eOutcome.02 and eArrest.13 will not be parsed

Transfer Hospital Elements and Data

- None of these elements for transfer hospital will be parsed

Supplemental Hospital Elements:

- For eCustomConfiguration hospital elements: MyocardialInfarction, CoronaryAngiography/CoronaryAngiographyDateTime, CardiacStent, CABGPerformed, and ICDPlaced only the affirmative response between the Destination Hospital and Transfer Hospital should be passed. If the response is affirmative for both hospitals, then the response from the final destination hospital should be passed. If the response is negative for both hospitals, then the response from the final destination hospital should be passed.

Emergency Room Outcome (Destination Hospital) eCustomConfiguration.EROutcome

Definition

The final disposition of the patient from the emergency department.

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

Code List

| Code | Description |
|------|--|
| 1 | Died in the ED |
| 4 | Transferred to another acute care facility from the ED |
| 5 | Admitted to hospital |

Data Element Comment

This element is used for the destination hospital only.

See EROutcomeTransfer element if value = 4 (Transferred). If value = 4, please use the Transfer Hospital fields. You may pass values for Hypothermia_Provided_Hosp for the Destination Hospital and should pass either Transfer_hospitalId or Transfer_Hospital values, but values passed in the following elements will not be parsed:

- HospOutcome
- HospOutcomeDNR
- eOutcome.02
- eArrest.13

****FIELD CHANGED IN 2011****

Was hypothermia/TTM care initiated or continued in the hospital (Destination Hospital)

eCustomConfiguration.Hypothermia_Provided_Hosp

Definition

Indicates whether hypothermia care was initiated or continued in the destination hospital.

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

Code List

| Code | Description |
|------|-------------|
| 1 | Yes |
| 2 | No |

Hospital Outcome (Destination Hospital)

eCustomConfiguration.HospOutcome

Definition

The final disposition of the patient from the hospital. See HospOutcomeDNR if value = 4 (Patient made DNR).

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

Code List

| Code | Description |
|------|--|
| 1 | Died in the hospital |
| 2 | Discharged Alive |
| 3 | Transferred to another acute care hospital |
| 4 | Patient made DNR |
| 11 | Not yet determined |

Data Element Comment

If the value passed is 3 (Transferred to another acute care hospital) or the value passed is 4 and HospOutcomeDNR is 3 (Transferred to another acute care hospital), any values passed for eOutcome.02 and eArrest.13 are not parsed. The Transfer Hospital must enter in these values manually.

****FIELD CHANGED IN 2011****

Patient made DNR Detail (Destination Hospital) eCustomConfiguration.HospOutcomeDNR

Definition

Custom field associated with Hospital Outcome (HospOutcome). If Patient made DNR (code = 4), identify hospital outcome.

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

Code List

| Code | Description |
|------|--|
| 1 | Died in the hospital |
| 2 | Discharged alive |
| 3 | Transferred to another acute care hospital |
| 8 | Not yet determined |

Data Element Comment

If HospOutcome value passed is 3 (Transferred to another acute care hospital) or the value passed is 4 and HospOutcomeDNR is 3 (Transferred to another acute care hospital), any values passed for eOutcome.02 and eArrest.13 are not parsed. The Transfer hospital must enter in these values manually.

****NEW FIELD IN 2011****

Discharge From the Hospital (Destination Hospital)

eOutcome.02

Definition

This element's value is only recorded if the HospOutcome or HospOutcomeDNR value = "Discharged alive". Type of location patient discharged to from the hospital for Destination Hospital ONLY.

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

Code List

| Code | Description |
|------|----------------------------------|
| 01 | Home/Residence |
| 62 | Rehabilitation facility |
| 03 | Skilled nursing facility/Hospice |
| 51 | Skilled nursing facility/Hospice |

Data Element Comment

Discharge status from the hospital for Destination Hospital ONLY.

****CARES REQUIRED FIELD IN 2012****

Neurological Outcome at Discharge From Hospital (Destination Hospital)

eArrest.13

Definition

Neurological outcome status or cerebral performance level at discharge for Destination Hospital ONLY.

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

Code List

| Code | Description |
|---------|--------------------------------------|
| 3013001 | Good Cerebral Performance (CPC 1) |
| 3013003 | Moderate Cerebral Disability (CPC 2) |
| 3013005 | Severe Cerebral Disability (CPC 3) |
| 3013007 | Coma, vegetative state (CPC 4) |

Data Element Comment

This element's value is only recorded if the HospOutcome or HospOutcomeDNR value = "Discharged alive" and eOutcome.02 contains a value.

****FIELD CHANGED IN 2011****

Emergency Room Outcome (Transfer Hospital) eCustomConfiguration.EROutcomeTrans

Definition

The final disposition of the patient from the emergency department for the Transfer Hospital ONLY.

| | | | |
|-------------------|----------|--------------------------|-----|
| 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 |
|------|--|
| 1 | Resuscitation terminated in ED |
| 4 | Transferred to another acute care facility from the ED |
| 5 | Admitted to hospital |

Data Element Comment

This element is used for the transfer hospital and is *only* used if the EROutcome value for destination hospital = 4.

Hospital Outcome (Transfer Hospital)

eCustomConfiguration.HospOutcomeTrans

Definition

The final disposition of the patient from the hospital for the Transfer Hospital ONLY.

| | | | |
|--------------------------|----------|---------------------------------|-----|
| 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 |
|------|--|
| 1 | Died in the hospital |
| 2 | Discharged Alive |
| 3 | Transferred to another acute care hospital |
| 4 | Patient made DNR |
| 11 | Not yet determined |

Data Element Comment

If the HospitalOutcomeTrans value passed is 3 (Transferred to another acute care hospital) or the value passed is 4 and HospOutcomeDNR is 3 (Transferred to another acute care hospital), any values passed for NeuroOutcomeTrans and HospDispositionTrans are not parsed. The Transfer hospital must enter in these values manually.

See follow-up question HospOutcomeDNRTrans if value = 4 (Patient made DNR).

****FIELD CHANGED IN 2011****

Patient made DNR Detail (Transfer Hospital)

eCustomConfiguration.HospOutcomeDNRTrans

Definition

Custom field associated with Hospital Outcome (HospOutcomeTrans = 4).

| | | | |
|-------------------|----------|--------------------------|-----|
| 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 |
|------|--|
| 1 | Died in the hospital |
| 2 | Discharged alive |
| 3 | Transferred to another acute care hospital |
| 8 | Not yet determined |

Data Element Comment

If HospOutcomeTrans value passed is 3 (Transferred to another acute care hospital) or the value passed is 4 and HospOutcomeDNRTrans is 3 (Transferred to another acute care hospital), any values passed for NeuroOutcomeTrans and HospDispositionTrans are not parsed. The Transfer Hospital must enter in these values manually.

****NEW FIELD IN 2011****

Discharge From the Hospital (Transfer Hospital)

eCustomConfiguration.HospDispositionTrans

Definition

Type of location patient discharged to from the hospital for Transfer Hospital ONLY.

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

Code List

| Code | Description |
|------|----------------------------------|
| 01 | Home/Residence |
| 62 | Rehabilitation facility |
| 03 | Skilled nursing facility/Hospice |
| 51 | Skilled nursing facility/Hospice |

Data Element Comment

This element's value is only recorded if the HospOutcomeTrans or HospOutcomeDNRTans value = "Discharged alive".

****CARES REQUIRED FIELD IN 2012****

Neurological Outcome at Discharge From Hospital (Transfer Hospital)

eCustomConfiguration.NeuroOutcomeTrans

Definition

Neurological outcome status or cerebral performance level at discharge for Transfer Hospital ONLY.

| | | | |
|-------------------|----------|--------------------------|-----|
| 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 |
|---------|--------------------------------------|
| 3013001 | Good Cerebral Performance (CPC 1) |
| 3013003 | Moderate Cerebral Disability (CPC 2) |
| 3013005 | Severe Cerebral Disability (CPC 3) |
| 3013007 | Coma, vegetative state (CPC 4) |

Data Element Comment

This element's value is only recorded if the HospOutcomeTrans or HospOutcomeDNRTans value = "Discharged alive" and HospDispositionTrans contains a value.

****FIELD CHANGED IN 2011****

Was hypothermia/TTM care initiated or continued in the hospital (Transfer Hospital)

eCustomConfiguration.Hypothermia_Provided_Hosp_Trans

Definition

Was hypothermia care initiated or continued in the Transfer Hospital ONLY.

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

Code List

| Code | Description |
|-------------|--------------------|
| 1 | Yes |
| 2 | No |

Data Element Comment****REQUIRED FIELD IN 2011****

Transfer To Hospital

eCustomConfiguration.Transfer_hospitalid

Definition

The hospital the patient was transferred to from Destination Hospital.

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

Code List

Hospital code patient was transferred to (CARES code).

Data Element Comment

Must be a valid hospital import value set up in myCares.net.

Transfer To Hospital - Detail

eCustomConfiguration,Transfer_hospital

Definition

If the hospital code patient was transferred to (CARES code) is not available, then this string would be the name of the hospital. See Transfer_hospitalid custom element.

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

Data Type

String

Data Element Comment

If the hospital (import value) patient was transferred to (CARES code) is not available, then this string would be the name of the hospital.

Definition

Hospital data - Indicates the reason that hypothermia care was not initiated or continued in the hospital setting.

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

Code List

| Code | Description |
|-------------|----------------------------|
| 1 | Awake/Following commands |
| 2 | DNR/Family Request |
| 3 | Unwitnessed Cardiac Arrest |
| 4 | Unshockable Rhythm |
| 5 | No TH program in place |
| 8 | Unknown |
| 9 | Other |

Data Element Comment

SUPPLEMENTAL

| | | | |
|---|---------------------------------|---------------------------------|-----------------------------|
| Definition Hospital Data - The date and time of patient's discharge from the hospital or death. | | | |
| National Element | No (eOutcome.16 Yes) | Pertinent Negatives (PN) | No |
| State Element | No (eOutcome.16 Yes) | NOT Values | Yes (NEMESIS) No (CARES) |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Optional (eOutcome.16 Required) | Recurrence | 0:1 (eOutcome.16 1:1) |

Constraints

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

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

Data Element Comment

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

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

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

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

SUPPLEMENTAL

Was the final diagnosis acute myocardial infarction

eCustomConfiguration.MyocardialInfarction

Definition

Hospital Data - Indicates whether the final diagnosis was acute myocardial infarction.

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

Code List

| Code | Description |
|------|-------------|
| 1 | Yes |
| 2 | No |

Data Element Comment

Only the affirmative response (Yes) between the Destination Hospital and Transfer Hospital should be passed. If the response is affirmative for both hospitals, then the response from the final destination hospital should be passed. If the response is negative (No) for both hospitals, then the response from the final destination hospital should be passed.

SUPPLEMENTAL

Coronary Angiography Performed

eCustomConfiguration.CoronaryAngiography

Definition

Hospital Data - Indicates whether a Coronary Angiography was performed.

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

Code List

| Code | Description |
|------|-------------|
| 1 | Yes |
| 2 | No |
| 3 | Unknown |

Data Element Comment

Only the affirmative response (Yes) and associated Date/Time value between the Destination Hospital and Transfer Hospital should be passed. If the response is affirmative for both hospitals, then the response from the final destination hospital should be passed. If the response is negative (No) for both hospitals, then the response from the final destination hospital should be passed.

SUPPLEMENTAL

Coronary Angiography Date/Time

eCustomConfiguration.CoronaryAngiographyDateTime

Definition

Hospital Data - If Coronary Angiography Performed is yes, provide date and time.

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

Constraints

Data Type

dateTime

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}

Data Element Comment

Only the affirmative response (Yes) for Coronary Angiography Performed and associated Date/Time value between the Destination Hospital and Transfer Hospital should be passed. If there is a Date/Time value for both hospitals, then the Date/Time value from the final destination hospital should be passed. If the Coronary Angiography Performed response is negative (No) for both hospitals, then no Date/Time value needs to be passed from either hospital.

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

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

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

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

SUPPLEMENTAL

Was a cardiac stent placed

eCustomConfiguration.CardiacStent

Definition

Hospital Data – Indicates whether a cardiac stent was placed.

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

Code List

| Code | Description |
|------|-------------|
| 1 | Yes |
| 2 | No |
| 3 | Unknown |

Data Element Comment

Only the affirmative response (Yes) between the Destination Hospital and Transfer Hospital should be passed. If the response is affirmative for both hospitals, then the response from the final destination hospital should be passed. If the response is negative (No) for both hospitals, then the response from the final destination hospital should be passed.

SUPPLEMENTAL

CABG performed

eCustomConfiguration.CABGPerformed

Definition

Hospital Data – Indicates whether a Coronary Artery Bypass Graft was performed.

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

Code List

| Code | Description |
|------|-------------|
| 1 | Yes |
| 2 | No |
| 3 | Unknown |

Data Element Comment

Only the affirmative response (Yes) and associated Date/Time value between the Destination Hospital and Transfer Hospital should be passed. If the response is affirmative for both hospitals, then the response from the final destination hospital should be passed. If the response is negative (No) for both hospitals, then the response from the final destination hospital should be passed.

SUPPLEMENTAL

Was an ICD placed and/or scheduled

eCustomConfiguration.ICDPlaced

Definition

Hospital Data – Indicates whether an ICD placed and/or scheduled.

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

Code List

| Code | Description |
|------|-------------|
| 1 | Yes |
| 2 | No |
| 3 | Unknown |

Data Element Comment

Only the affirmative response (Yes) and associated Date/Time value between the Destination Hospital and Transfer Hospital should be passed. If the response is affirmative for both hospitals, then the response from the final destination hospital should be passed. If the response is negative (No) for both hospitals, then the response from the final destination hospital should be passed.

SUPPLEMENTAL

Hospital Medical Record Number

eOutcome.03/eOutcome.04

Definition

Hospital data - The unique number assigned by the hospital for each patient's Medical Record.

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

Constraints

Data Type

String

minLength

0

maxLength

30

Data Element Comment

This was mapped to eCustomConfiguration.HospMedicalRecordNo but now is pulled from eOutcome.04 if eOutcome.03 = 4303005 Hospital - Receiving

***SUPPLEMENTAL**

