

Aurora Data Dictionary

PATIENT CARE REPORT NUMBER

E1.1

Data [text]

National Element

Definition

The unique number automatically assigned by the EMS agency for each patient care report (PCR). This is a unique number to the EMS agency for all of time.

| | | | |
|-------------------------------------|------------------|---------------------------------|--------------------------------|
| XSD Data Type | <i>xs:string</i> | XSD Domain (Simple Type) | <i>PatientCareReportNumber</i> |
| Multiple Entry Configuration | No | Accepts Null Values | No |
| Required in XSD | Yes | Minimum Constraint | 3 |
| | | Maximum Constraint | 32 |

Field Values

A unique value; no variable list is possible.

Additional Information

- Not Nullable. A unique value must be provided to create a unique record ID within a database

Uses

- A component of the EMS Medical Record: Patient Care Report
- Agency number (E02_01), agency state (D01_03), unit call sign (E02_12), patient number (E01_01) and date (E05_04) combine to create a unique identifier

Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Desirable Element 23 Patient Care Record Number

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Patient Number; Unique Number

SOFTWARE CREATOR

E1.2

Data [text]

National Element

Definition

The name of the software vendor by whom the data collection software was developed

| | | | |
|-------------------------------------|------------------|---------------------------------|--------------------------|
| XSD Data Type | <i>xs:string</i> | XSD Domain (Simple Type) | <i>SoftwareCreatedBy</i> |
| Multiple Entry Configuration | No | Accepts Null Values | No |
| Required in XSD | Yes | Minimum Constraint | 3 |
| | | Maximum Constraint | 30 |

Field Values

A unique value; no variable list is possible.

Uses

- Important for grouping or comparing the accuracy of software used by EMS agencies in data collection

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

E01_01 Patient Care Report Number

SOFTWARE NAME

E1.3

Data [text]

National Element

Definition

The name of the software package with which the data was collected by the agency

| | | | |
|-------------------------------------|------------------|---------------------------------|---------------------|
| XSD Data Type | <i>xs:string</i> | XSD Domain (Simple Type) | <i>SoftwareName</i> |
| Multiple Entry Configuration | No | Accepts Null Values | No |
| Required in XSD | Yes | Minimum Constraint | 3 |
| | | Maximum Constraint | 30 |

Field Values

A unique value; no variable list is possible.

Uses

- Important for grouping or comparing the accuracy of software used by EMS agencies in data collection

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

E01_01 Patient Care Report Number

SOFTWARE VERSION

E1.4

Data [text]

National Element

Definition

The version of the software used by the agency to collect the data

| | | | |
|-------------------------------------|------------------|---------------------------------|------------------------|
| XSD Data Type | <i>xs:string</i> | XSD Domain (Simple Type) | <i>SoftwareVersion</i> |
| Multiple Entry Configuration | No | Accepts Null Values | No |
| Required in XSD | Yes | Minimum Constraint | 3 |
| | | Maximum Constraint | 30 |

Field Values

A unique value; no variable list is possible.

Uses

- Important for grouping or comparing the accuracy of software used by EMS agencies in data collection

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

E01_01 Patient Care Report Number

EMS AGENCY NUMBER

E2.1

Data [text]

National Element

Definition

The state-assigned provider number of the responding agency

| | | | |
|-------------------------------------|------------------|---------------------------------|------------------------|
| XSD Data Type | <i>xs:string</i> | XSD Domain (Simple Type) | <i>EMSAgencyNumber</i> |
| Multiple Entry Configuration | No | Accepts Null Values | No |
| Required in XSD | Yes | Minimum Constraint | 3 |
| | | Maximum Constraint | 15 |

Field Values

A unique value; no variable list is possible.

Additional Information

- Not Nullable. A unique value must be provided to create a unique record ID within a database
- Same as EMS Agency Number (D01_01)

Uses

- A component of the EMS Medical Record: Patient Care Report
- Agency number (E02_01), agency state (D01_03), unit call sign (E02_12), patient number (E01_01) and date (E05_04) combine to create a unique identifier
- Allows data to be sorted by the EMS Agency
- Important for grouping and comparing EMS Agencies in Benchmarking and Quality Management
- When linked to D01_02 provides the Agency name on the EMS Medical Record: Patient Care Report

Data Collector

- Typically generated by the State EMS Regulatory Office. Collected by the EMS agency or auto-generated by the EMS agency specific software.

Other Associated Elements

E01_01 Patient Care Report Number

References to Other Databases

- NFIRS 5.0 EMS Module; Title: FDID; State assigned Fire Department ID number

TYPE OF SERVICE REQUESTED

E2.4

Data [combo] single-choice

National Element

Definition

The type of service or category of service requested of the EMS service responding for this specific EMS incident.

| | |
|--|---|
| XSD Data Type <i>xs:integer</i> | XSD Domain (Simple Type) <i>TypeOfServiceRequested</i> |
| Multiple Entry Configuration No | Accepts Null Values No |
| Required in XSD Yes | |

Field Values

| | |
|----------------------------------|-----------------------------|
| 30 911 Response (Scene) | 35 Intercept |
| 40 Interfacility Transfer | 45 Medical Transport |
| 50 Mutual Aid | 55 Standby |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted by the Type of Service Requested
- Provides descriptive data on EMS call volume and service provided

Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 20 Service Type

PRIMARY ROLE OF THE UNIT

E2.5

Data [combo] single-choice

National Element

Definition

The primary role of the EMS service which was requested for this specific EMS incident.

| | |
|--|---|
| XSD Data Type <i>xs:integer</i> | XSD Domain (Simple Type) <i>PrimaryRollOfTheUnit</i> |
| Multiple Entry Configuration No | Accepts Null Values No |
| Required in XSD Yes | |

Field Values

60 Non-Transport
70 Supervisor

65 Rescue
75 Transport

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted by the role of the responder
- Provides descriptive data on EMS call volume and service provided

Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

Other Associated Elements

E01_01 Patient Care Report Number

TYPE OF DISPATCH DELAY

E2.6

Data [combo] multiple-choice

National Element

Definition

The dispatch delays, if any, associated with the dispatch of the EMS unit to the patient encounter

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TypeOfDispatchDelay*
Multiple Entry Configuration Yes **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|---------------------------------------|--|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 80 Caller (Uncooperative) |
| 85 High Call Volume | 90 Language Barrier |
| 95 Location (Inability to Obtain) | 100 No Units Available |
| 105 None | 110 Other |
| 115 Scene Safety (Not Secure for EMS) | 120 Technical Failure (Computer, Phone etc.) |

Uses

- Allows data to describe the status of Dispatch issues

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E00 Common Null Values E01_01 Patient Care Report Number

References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

TYPE OF RESPONSE DELAY

E2.7

Data [combo] multiple-choice

National Element

Definition

The response delays, if any, of the unit associated with the patient encounter

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TypeOfResponseDelay*
Multiple Entry Configuration Yes **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |

- 5 Not Available
- 130 Directions
- 140 Diversion
- 150 None
- 160 Safety
- 170 Traffic
- 180 Vehicle Failure

- 125 Crowd
- 135 Distance
- 145 HazMat
- 155 Other
- 165 Staff Delay
- 175 Vehicle Crash
- 185 Weather

Uses

- Allows data describe Vehicle Failures and Vehicle Crashes
- Allows data to describe the status of Response issues

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

TYPE OF SCENE DELAY

E2.8

Data [combo] multiple-choice

National Element

Definition

The scene delays, if any, of the unit associated with the patient encounter

| | |
|---|---|
| XSD Data Type <i>xs:integer</i> | XSD Domain (Simple Type) <i>TypeOfSceneDelay</i> |
| Multiple Entry Configuration Yes | Accepts Null Values Yes |
| Required in XSD Yes | |

Field Values

- | | |
|---------------------|--------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 190 Crowd |
| 195 Directions | 200 Distance |
| 205 Diversion | 210 Extrication >20 min. |
| 215 HazMat | 220 Language Barrier |
| 225 None | 230 Other |
| 235 Safety | 240 Staff Delay |
| 245 Traffic | 250 Vehicle Crash |
| 255 Vehicle Failure | 260 Weather |

Uses

- Allows data describe Vehicle Failures and Vehicle Crashes
- Allows data to describe the status of Scene issues

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

TYPE OF TRANSPORT DELAY

E2.9

Data [combo] multiple-choice

National Element

Definition

The transport delays, if any, of the unit associated with the patient encounter

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TypeOfTransportDelay*
Multiple Entry Configuration Yes **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|---------------------|-------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 265 Crowd |
| 270 Directions | 275 Distance |
| 280 Diversion | 285 HazMat |
| 290 None | 295 Other |
| 300 Safety | 305 Staff Delay |
| 310 Traffic | 315 Vehicle Crash |
| 320 Vehicle Failure | 325 Weather |

Uses

- Allows data describe Vehicle Failures and Vehicle Crashes
- Allows data to describe the status of Transport issues

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

TYPE OF TURN-AROUND DELAY

E2.10

Data [combo] multiple-choice

National Element

Definition

The turn-around delays, if any, associated with the EMS unit associated with the patient encounter

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TypeOfTurnAroundDelay*
Multiple Entry Configuration Yes **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|-----------------------------|-----------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 330 Clean-up |
| 335 Decontamination | 340 Documentation |
| 345 ED Overcrowding | 350 Equipment Failure |
| 355 Equipment Replenishment | 360 None |
| 365 Other | 370 Staff Delay |
| 375 Vehicle Failure | |

Uses

- Allows data describe ED overcrowding and Vehicle Failure
- Allows data to describe the status of call time issues

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

EMS UNIT CALL SIGN (RADIO NUMBER)

E2.12

Data [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *EMSUnitCallSign*

Multiple Entry Configuration No

Accepts Null Values No

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 15

Field Values

Additional Information

- List box created from Unit Call Sign (D04_02)
- Not Nullable. A unique value must be provided to create a unique record ID within a database

Uses

- Allows data at the vehicle level to better describe EMS vehicle usage and possibly maintenance
- Important for grouping or comparing data by Response Vehicle which also allows data to be sorted by location in many agencies

Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

Other Associated Elements

E01_01 Patient Care Report Number

RESPONSE MODE TO SCENE

E2.20

Data [combo] single-choice

National Element

Definition

Indication whether or not lights and/or sirens were used on the vehicle on the way to the scene

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ResponseModeToScene*

Multiple Entry Configuration No

Accepts Null Values No

Required in XSD Yes

Field Values

380 Initial Lights and Sirens, Downgraded to No Lights or Sirens

385 Initial No Lights or Sirens, Upgraded to Lights and Sirens

390 Lights and Sirens

395 No Lights or Sirens

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted by the Response Mode
- Allows data to describe the use of emergent response

Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 19 Lights and Sirens to Scene

COMPLAINT REPORTED BY DISPATCH

E3.1

Data [combo] single-choice

National Element

Definition

The complaint dispatch reported to the responding unit.

| | |
|--|--|
| XSD Data Type <i>xs:integer</i> | XSD Domain (Simple Type) <i>ComplaintReportedByDispatch</i> |
| Multiple Entry Configuration No | Accepts Null Values Yes |
| Required in XSD Yes | |

Field Values

| | |
|---|--|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 400 Abdominal Pain |
| 405 Allergies | 410 Animal Bite |
| 415 Assault | 420 Back Pain |
| 425 Breathing Problem | 430 Burns |
| 435 CO Poisoning/Hazmat | 440 Cardiac Arrest |
| 445 Chest Pain | 450 Choking |
| 455 Convulsions/Seizure | 460 Diabetic Problem |
| 465 Drowning | 470 Electrocution |
| 475 Eye Problem | 480 Fall Victim |
| 485 Headache | 490 Heart Problems |
| 495 Heat/Cold Exposure | 500 Hemorrhage/Laceration |
| 505 Industrial Accident/Inaccessible Incident/Other Entrapments (non-vehicle) | 510 Ingestion/Poisoning |
| 515 Pregnancy/Childbirth | 520 Psychiatric Problem |
| 525 Sick Person | 530 Stab/Gunshot Wound |
| 535 Stroke/CVA | 540 Traffic Accident |
| 545 Traumatic Injury | 550 Unconscious/Fainting |
| 555 Unknown Problem Man Down | 560 Transfer/Interfacility/Palliative Care |
| 565 MCI (Mass Casualty Incident) | |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted by the Dispatch Complaint
- Allows data to describe Patient Complaint as reported by Dispatch

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

References to Other Databases

NHTSA EMD Data Elements Chief Complaint Types

EMD PERFORMED

E3.2

Data [combo] single-choice

National Element

Definition

Indication of whether EMD was performed for this EMS event.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *EMDPerformed*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|--|---|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 0 No |
| 570 Yes, With Pre-Arrival Instructions | 575 Yes, Without Pre-Arrival Instructions |

Uses

- Allows data to be sorted by the Dispatch Complaint
- Allows data to describe Patient Complaint as reported by Dispatch

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E00 Common Null Values E01_01 Patient Care Report Number

PSAP CALL DATE/TIME

E5.2

Data [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*
Multiple Entry Configuration No **Accepts Null Values** Yes, but null value is blank
or empty
Required in XSD Yes **Minimum Constraint** 1,990 **Maximum Constraint** 2,030

Field Values

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on Date and Time
- Allows data to describe EMS use by Date and Time, Day of the Week, etc

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 08 Date Incident Reported
Essential Element 09 Time Incident Reported

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Incident Date; The date the Fire Department received the incident alarm

UNIT NOTIFIED BY DISPATCH DATE/TIME

E5.4

Data [date/time]

National Element

Definition

The date the responding unit was notified by dispatch

| | | | |
|-------------------------------------|--------------------|---------------------------------|-----------------|
| XSD Data Type | <i>xs:dateTime</i> | XSD Domain (Simple Type) | <i>DateTime</i> |
| Multiple Entry Configuration | No | Accepts Null Values | No |
| Required in XSD | Yes | Minimum Constraint | 1,990 |
| | | Maximum Constraint | 2,030 |

Field Values

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- Not Nullable. A unique value must be provided to create a unique record ID within a database

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 11 Date Unit Notified
Essential Element 12 Time Unit Notified

UNIT EN ROUTE DATE/TIME

E5.5

Data [date/time]

National Element

Definition

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

| | | | |
|-------------------------------------|--------------------|---------------------------------|---------------------------------------|
| XSD Data Type | <i>xs:dateTime</i> | XSD Domain (Simple Type) | <i>DateTime</i> |
| Multiple Entry Configuration | No | Accepts Null Values | Yes, but null value is blank or empty |
| Required in XSD | Yes | Minimum Constraint | 1,990 |
| | | Maximum Constraint | 2,030 |

Field Values

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 13 Time Unit Responding

UNIT ARRIVED ON SCENE DATE/TIME

E5.6

Data [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null Values Yes, but null value is blank

or empty

Required in XSD Yes

Minimum Constraint 1,990

Maximum Constraint 2,030

Field Values

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 14 Time of Arrival at Scene

ARRIVED AT PATIENT DATE/TIME

E5.7

Data [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null Values Yes, but null value is blank

or empty

Required in XSD Yes

Minimum Constraint 1,990

Maximum Constraint 2,030

Field Values

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

Uses

- Provides more accurate information on the true response time of EMS to the patient's side
- Used in Quality Management evaluation of EMS response and performance especially in areas where patient location

may be distant from the EMS vehicle

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 15 Time of Arrival at Patient

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Date/Time Arrived; The date and time fire fighters arrived at the patient.

UNIT LEFT SCENE DATE/TIME

E5.9

Data [date/time]

National Element

Definition

The date/time the responding unit left the scene (started moving)

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No
or empty

Accepts Null Values Yes, but null value is blank

Required in XSD Yes

Minimum Constraint 1,990

Maximum Constraint 2,030

Field Values

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 16 Time Unit Left Scene

PATIENT ARRIVED AT DESTINATION DATE/TIME

E5.10

Data [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No
or empty

Accepts Null Values Yes, but null value is blank

Required in XSD Yes

Minimum Constraint 1,990

Maximum Constraint 2,030

Field Values

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables

may also be used

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 17 Time of Arrival at Destination

UNIT BACK IN SERVICE DATE/TIME

E5.11

Data [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null Values No

Required in XSD Yes

Minimum Constraint 1,990 **Maximum Constraint** 2,030

Field Values

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 18 Time Back in Service

UNIT BACK AT HOME LOCATION DATE/TIME

E5.13

Data [date/time]

National Element

Definition

The date/time the responding unit was back in their service area. In agencies who utilized Agency Status Management, home location means the service area as assigned through the agency status management protocol.

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null Values Yes, but null value is blank

Required in XSD Yes

Minimum Constraint 1,990 **Maximum Constraint** 2,030

Field Values

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

Uses

- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

Other Associated Elements

E01_01 Patient Care Report Number

PATIENT'S HOME ZIP CODE

E6.8

Data [text]

National Element

Definition

The patient's home ZIP code of residence

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *Zip*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes **Minimum Constraint** 2 **Maximum Constraint** 10
XSD Structure: E06_04, E06_05, E06_07, E06_08 are all members of the E06_04_0 Patient Address Structure

Field Values

-25 Not Applicable -20 Not Recorded
-15 Not Reporting -10 Not Known
-5 Not Available

Additional Information

- Can be stored as a 5 or 9 digit code

Uses

- Allows data to be sorted based on the geographic location of the patient's home
- Allows data to describe geographic location of the patient's home
- Key component of an EMS Medical Record
- Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc

Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

Other Associated Elements

| | |
|------------------------------------|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E06_01 Last Name | E06_04 Patient's Home Address |
| E06_05 Patient's Home City | E06_06 Patient's Home County |
| E06_07 Patient's Home State | |

References in NHTSA Version 1

Essential Element 37 Zip Code of Residence

GENDER

E6.11

Data [combo] single-choice

National Element

Definition

The patient's gender

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *Gender*

Multiple Entry Configuration No
Required in XSD Yes

Accepts Null Values Yes

Field Values

| | |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 650 Male |
| 655 Female | |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on gender
- Allows data to describe the gender of the EMS patient population

Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

Other Associated Elements

| | |
|------------------------|-----------------------------------|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E06_01 Last Name | |

References in NHTSA Version 1

Essential Element 42 Gender

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Gender; Pick-List: Male = 1, Female = 2

RACE

E6.12

Data [combo] single-choice

National Element

Definition

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

| | |
|--|--------------------------------------|
| XSD Data Type xs:integer | XSD Domain (Simple Type) Race |
| Multiple Entry Configuration No | Accepts Null Values Yes |
| Required in XSD Yes | |

Field Values

| | |
|---|--------------------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 660 American Indian or Alaska Native |
| 665 Asian | 670 Black or African American |
| 675 Native Hawaiian or Other Pacific Islander | 680 White |
| 685 Other Race | |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on race as required from a state and federal government reporting perspective
- Allows data to describe the race of the EMS patient population

Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

Other Associated Elements

| | |
|------------------------|-----------------------------------|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E06_01 Last Name | |

References in NHTSA Version 1

Essential Element 43 Race/Ethnicity

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Race; Pick-List: White = 1, Black = 2, American Indian, Eskimo, Aleut = 3, Asian = 4, Other, Multi-racial = 0, Race Undetermined = U

ETHNICITY

E6.13

Data [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *Ethnicity*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | | | |
|-----|------------------------|-----|--------------------|
| -25 | Not Applicable | -20 | Not Recorded |
| -15 | Not Reporting | -10 | Not Known |
| -5 | Not Available | 690 | Hispanic or Latino |
| 695 | Not Hispanic or Latino | | |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on ethnicity as required from a state and federal government reporting perspective
- Allows data to describe the ethnicity of the EMS patient population

Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number
E06_01 Last Name

References in NHTSA Version 1

Essential Element 43 Race/Ethnicity

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Ethnicity; Check-Box: Hispanic = Yes or No

AGE

E6.14

Data [number]

National Element

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *Age*
Multiple Entry Configuration No **Accepts Null Values** Yes, but null value is blank or empty
Required in XSD Yes **Minimum Constraint** 1 **Maximum Constraint** 120

XSD Structure: E06_14 and E06_15 are members of the E06_14_0 Patient's Age Structure

Field Values

Additional Information

- Could be calculated from Date of Birth (E06_16)

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on age
- Allows data to describe the age of the EMS patient population

Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

Other Associated Elements

E01_01 Patient Care Report Number

E06_01 Last Name

E06_15 Age Units

References in NHTSA Version 1

Desirable Element 41 Age

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Age; The age of the patient or best approximation. If less than one year then enter the number of months.

AGE UNITS

E6.15

Data [combo] single-choice

National Element

Definition

The units which the age is documented in (Hours, Days, Months, Years)

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *AgeUnits*

Multiple Entry Configuration No

Accepts Null Values Yes

Required in XSD Yes

XSD Structure: E06_14 and E06_15 are members of the E06_14_0 Patient's Age Structure

Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

700 Hours

705 Days

710 Months

715 Years

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on age
- Allows data to describe the age of the EMS patient population

Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E06_14 Age

References in NHTSA Version 1

Desirable Element 41 Age

PRIMARY METHOD OF PAYMENT

E7.1

Data [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *PrimaryMethodOfPayment*

Multiple Entry Configuration No

Accepts Null Values Yes

Required in XSD Yes

Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

720 Insurance

725 Medicaid
 735 Not Billed (for any reason)
 745 Self Pay

730 Medicare
 740 Other Government
 750 Workers Compensation

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the payer mix
- Allows data to describe the EMS patient population's payer mix

Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

Other Associated Elements

E00 Common Null Values
 E06_01 Last Name
 E01_01 Patient Care Report Number

CMS SERVICE LEVEL

E7.34

Data [combo] single-choice

National Element

Definition

The CMS service level for this EMS encounter.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *CMSServiceLevel*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|-----------------------------|-------------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 990 BLS |
| 995 BLS, Emergency | 1000 ALS, Level 1 |
| 1005 ALS, Level 1 Emergency | 1010 ALS, Level 2 |
| 1015 Paramedic Intercept | 1020 Specialty Care Transport |
| 1025 Fixed Wing (Airplane) | 1030 Rotary Wing (Helicopter) |

Uses

- Allows data to be quantified and described based on the CMS Service Level
- Allows data to be sorted based on the CMS Service Level
- Important for EMS billing

Data Collector

- EMS personnel unless the EMS Agency has professional billing personnel to provide this function

Other Associated Elements

E00 Common Null Values
 E01_01 Patient Care Report Number

CONDITION CODE NUMBER

E7.35

Data [combo] multiple-choice

National Element

Definition

The condition codes are used to better describe the service and patient care delivery by an EMS service. Please consult

CMS documentation for detailed descriptions of these condition codes and their use.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *ConditionCodeNumber*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes
Required in XSD Yes **Minimum Constraint** 2 **Maximum Constraint** 30

XSD Structure: E07_35, E07_36 are members of E07_35_0 Condition Codes Structure

Field Values

| | |
|--|--|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 8001 Severe Abdominal Pain (ALS-789.00) |
| 8002 Abdominal Pain (ALS-789.00) (ALS- | 8003 Abnormal Cardiac Rhythm/Cardiac Dysrhythmia 427.9) |
| 8004 Abnormal Skin Signs (ALS-780.8) | 8005 Abnormal Vital Signs (ALS-796.4) |
| 8006 Allergic Reaction (ALS-995.0) | 8007 Allergic Reaction (BLS-692.9) |
| 8008 Blood Glucose (ALS-790.21) | 8009 Respiratory Arrest (ALS-799.1) |
| 8010 Difficulty Breathing (ALS-786.05) 427.5) | 8011 Cardiac Arrest-Resuscitation in Progress (ALS- |
| 8012 Chest Pain (non-traumatic) (ALS-786.50) | 8013 Choking Episode (ALS-784.9) |
| 8014 Cold Exposure (ALS-991.6) | 8015 Cold Exposure (BLS-991.9) |
| 8016 Altered Level of Consciousness (non-traumatic) (ALS- 780.01) | 8017 Convulsions/Seizures (ALS-780.39) |
| 8018 Eye Symptoms (non-traumatic) (BLS-379.90) | 8019 Non Traumatic Headache (ALS-437.9) |
| 8020 Cardiac Symptoms other than Chest Pain (palpitations) (atypical pain) (ALS-785.1) | 8021 Cardiac Symptoms other than Chest Pain (ALS-536.2) |
| 8022 Heat Exposure (ALS-992.5) | 8023 Heat Exposure (BLS-992.2) |
| 8024 Hemorrhage (ALS-459.0) Health Risk | 8025 Infectious Diseases requiring Isolation/Public (BLS-038.9) |
| 8026 Hazmat Exposure (ALS-987.9) | 8027 Medical Device Failure (ALS-996.0) |
| 8028 Medical Device Failure (BLS-996.3) | 8029 Neurologic Distress (ALS-436.0) |
| 8030 Pain (Severe) (ALS-780.99) vascular) | 8031 Back Pain (non-traumatic possible cardiac or (ALS-724.5) |
| 8032 Back Pain (non-traumatic with neurologic symptoms) (ALS-724.9) | 8033 Poisons (all routes) (ALS-977.9) |
| 8034 Alcohol Intoxication or Drug Overdose (BLS-305.0) | 8035 Severe Alcohol Intoxication (ALS-977.3) |
| 8036 Post-Operative Procedure Complications (BLS-998.9) 650.0) | 8037 Pregnancy Complication/Childbirth/Labor (ALS- |
| 8038 Psychiatric/Behavioral (abnormal mental status) (ALS- (BLS- 292.9) | 8039 Psychiatric/Behavioral (threat to self or others) 298.9) |
| 8040 Sick Person-Fever (BLS-036.9) | 8041 Severe Dehydration (ALS-787.01) |
| 8042 Unconscious/Syncope/Dizziness (ALS-780.02) | 8043 Major Trauma (ALS-959.8) |
| 8044 Other Trauma (need for monitor or airway) (ALS-518.5) | 8045 Other Trauma (major bleeding) (ALS-958.2) |
| 8046 Other Trauma (fracture/dislocation) (BLS-829.0) | 8047 Other Trauma (penetrating extremity) (BLS-880.0) |
| 8048 Other Trauma (amputation digits) (BLS-886.0) | 8049 Other Trauma (amputation other) (ALS-887.4) |
| 8050 Other Trauma (suspected internal injuries) (ALS-869.0) | 8051 Burns-Major (ALS-949.3) |
| 8052 Burns-Minor (BLS-949.2) | 8053 Animal Bites/Sting/Envenomation (ALS-989.5) |
| 8054 Animal Bites/Sting/Envenomation (BLS-879.8) | 8055 Lightning (ALS-994.0) |
| 8056 Electrocutation (ALS-994.8) | 8057 Near Drowning (ALS-994.1) |
| 8058 Eye Injuries (BLS-921.9) | 8059 Sexual Assault (major injuries) (ALS-995.83) |
| 8060 Sexual Assault (minor injuries) (BLS-995.8) (ALS-428.9) | 8061 Cardiac/Hemodynamic Monitoring Required |
| 8062 Advanced Airway Management (ALS-518.81) | 8063 IV Meds Required (ALS-No ICD code provided)) |
| 8064 Chemical Restraint (ALS-293.0) | 8065 Suctioning/Oxygen/IV fluids required (BLS-496.0) |
| 8066 Airway Control/Positioning Required (BLS-786.09) 496.0) | 8067 Third Party Assistance/Attendant Required (BLS- |
| 8068 Patient Safety (restraints required) (BLS-298.9) | 8069 Patient Safety (monitoring required) (BLS-293.1) |
| 8070 Patient Safety (seclusion required) (BLS-298.8) 781.3) | 8071 Patient Safety (risk of falling off stretcher) (BLS- |

8072 Special Handling (Isolation) (BLS-041.9)
(BLS-

8073 Special Handling (orthopedic device required)
907.2)

8074 Special Handling (positioning required) (BLS-719.45)

Additional Information

- A list of 95 Condition Codes which are mapped to ICD-9 Codes. At this time the Condition Code List is still in draft. The number of the Condition Code should be stored in this field
- From the Center for Medicare and Medicaid Services (CMS) Ambulance Fee Schedule Condition Based Coding

Uses

- Allows data to be quantified and described based on the Condition Code
- Allows data to be sorted based on the Condition Code
- Important for EMS billing

Data Collector

- EMS personnel unless the EMS Agency has professional billing personnel to provide this function

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number
E07_36 ICD-9 Code for the Condition Code Number **E07_37** Condition Code Modifier

OTHER EMS AGENCIES AT SCENE

E8.1

Data [combo] multiple-choice

Definition

Other EMS agencies that were at the scene, if any

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *OtherEMSAgenciesAtScene*

Multiple Entry Configuration Yes **Accepts Null Values** Yes

Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 30

Field Values

-25 Not Applicable -20 Not Recorded

-15 Not Reporting -10 Not Known

-5 Not Available

Additional Information

- Created from Other Agencies in Area (D01_11). This is the Agency Name, not the EMS Agency Number

Uses

- Allows EMS reports to be generated describing all of the resources used in an EMS event
- Allows for the evaluation of an EMS response or of EMS responses over time to adjust agency components and plans

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

OTHER SERVICES AT SCENE

E8.2

Data [combo] multiple-choice

Definition

Other services that were at the scene, if any

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *OtherServicesAtScene*

Multiple Entry Configuration Yes **Accepts Null Values** Yes

Required in XSD No

Field Values

-25 Not Applicable -20 Not Recorded
 -15 Not Reporting -10 Not Known
 -5 Not Available 1060 EMS Mutual Aid
 1065 Fire 1070 Hazmat
 1075 Law 1080 Other Health Care Provider
 1085 Other 1090 Rescue
 1095 Utilities

Uses

- Allows EMS reports to be generated describing all of the resources used in an EMS event
- Allows for the evaluation of an EMS response or of EMS responses over time to adjust agency components and plans
- Used for Quality Management reports associated with service delivery

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values E01_01 Patient Care Report Number

NUMBER OF PATIENTS AT SCENE

E8.55

Data [combo] single-choice

National Element

Definition

Indicator of how many total patients were at the scene

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NumberOfPatientsAtScene*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 1120 None |
| 1125 Single | 1130 Multiple |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the number of patients associated with the event and resources required
- Allows data to describe the number of EMS events with multiple patient encounters

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values E01_01 Patient Care Report Number

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Number of Patients; The total number of patients

MASS CASUALTY INCIDENT

E8.6

Data [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 0 No |
| 1 Yes | |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on a Mass Casualty Event
- Allows data to describe the number of EMS events which were declared a mass casualty event and is connected with disaster and domestic preparedness

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

INCIDENT LOCATION TYPE

E8.7

Data [combo] single-choice

National Element

Definition

The kind of location where the incident happened

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *IncidentLocationType*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|---|---|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 1135 Home/Residence |
| 1140 Farm | 1145 Mine or Quarry |
| 1150 Industrial Place and Premises | 1155 Place of Recreation or Sport |
| 1160 Street or Highway | 1165 Public Building (schools, gov. offices) |
| 1170 Trade or service (business, bars, restaurants, etc) home) | 1175 Health Care Facility (clinic, hospital, nursing |
| 1180 Residential Institution (Nursing Home, jail/prison) | 1185 Lake, River, Ocean |
| 1190 Other Location | |

Additional Information

- Based on ICD-9

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the Incident Location and Type
- Allows data to describe the Incident Location and the distribution of EMS events

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Essential Element 05 Location Type

References to Other Databases

- **UTSTEIN** Title: Location of Arrest: Out of Hospital; Same as NHTSA E-Codes

INCIDENT ZIP CODE

E8.15

Data [text]

National Element

Definition

The ZIP code of the incident location

XSD Data Type *xs:string*

XSD Domain (Simple Type) *Zip*

Multiple Entry Configuration No

Accepts Null Values Yes

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 10

XSD Structure: E08_11, E08_12, E08_14, E08_15 are all members of E08_11_0 Incident Address Structure

Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the geographic location of the EMS Incident
- Allows data to describe geographic location of the EMS Incident

Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E08_07 Incident Location Type

E08_11 Incident Address

E08_12 Incident City

E08_14 Incident State

PRIOR AID

E9.1

Data [combo] multiple-choice

National Element

Definition

Any care which was provided to the patient prior to the arrival of this unit.

XSD Data Type *xs:string*

XSD Domain (Simple Type) *PriorAid*

Multiple Entry Configuration Yes

Accepts Null Values Yes

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 30

Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

Additional Information

- List created from Procedures (D04_04) and Medications (D04_06)

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the specific prior aid received or not received by the patient
- Allows data to describe aid which was provided prior to EMS arrival

- Used as a Quality Management tool to evaluate Bystander and First Responder involvement

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Desirable Element 58 Time of First CPR

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Cardiac Arrest; Pick-List: Pre-Arrival Arrest = 1, Post-Arrival Arrest = 2;
- NFIRS 5.0 EMS Module; Title: Pre-Arrival Details; Pick-List: Witnessed = 1, Bystander CPR = 2
- UTSTEIN Title: CPR Before EMS and Rhythm Analysis or Defibrillation before EMS; [combo] Yes = Y, No = No, U = Unknown

PRIOR AID PERFORMED BY

E9.2

Data [combo] multiple-choice

National Element

Definition

The type of individual who performed the care prior to the arrival of this unit.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PriorAidPerformedBy*
Multiple Entry Configuration Yes **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|--------------------------------|-------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 1195 EMS Provider |
| 1200 Law Enforcement | 1205 Lay Person |
| 1210 Other Healthcare Provider | 1215 Patient |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on who provided specific prior aid
- Allows data to describe who performed any aid which was provide prior to EMS arrival to the patient
- Used as a Quality Management tool to evaluate Bystander and First Responder involvement

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

OUTCOME OF THE PRIOR AID

E9.3

Data [combo] single-choice

National Element

Definition

What was the outcome or result of the care performed prior to the arrival of the unit?

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *OutcomeOfPriorAid*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |

-5 Not Available
1225 Unchanged

1220 Improved
1230 Worse

Uses

- Allows data to be sorted based on the perceived outcome which resulted from specific prior aid received by the patient
- Allows data to describe aid which was provided prior to EMS arrival
- Used as a Quality Management tool to evaluate Bystander and First Responder involvement

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

INJURY PRESENT

E9.4

Data [combo] single-choice

National Element

Definition

Indicates that the reason for the EMS encounter was related to an injury or traumatic event. This data element provides documentation to classify the EMS Reason for Encounter as either injury or non-injury related based on mechanism and not on actual injury

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 0 No |
| 1 Yes | |

Additional Information

- Can be used to determine which records should have Section E10: Situation/ Trauma completed. If Injury Present (E09_04) is "Yes", Section E10 should be completed
- Possible Injury (E09_04), Chief Complaint Anatomic Location (E09_11), Chief Complaint Organ System (E09_12), and Primary Symptom (E09_13) are required to calculate the Reason for Encounter

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on trauma vs. non-traumatic events
- Allows data to describe trauma within the EMS patient population
- Allows for the calculation of the "EMS Reason for Encounter" used to further describe the EMS patient population

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

CHIEF COMPLAINT ANATOMIC LOCATION

E9.11

Data [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ComplaintAnatomicLocation*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|----------------------|----------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 1305 Abdomen |
| 1310 Back | 1315 Chest |
| 1320 Extremity-Lower | 1325 Extremity-Upper |
| 1330 General/Global | 1335 Genitalia |
| 1340 Head | 1345 Neck |

Additional Information

- Possible Injury (E09_04), Chief Complaint Anatomic Location (E09_11), Chief Complaint Organ System (E09_12), and Primary Symptom (E09_13) are required to calculate the Reason for Encounter

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the patient's complaint location
- Allows data to describe the patient's complaint location
- Allows for the calculation of the "EMS Reason for Encounter" used to further describe the EMS patient population

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01**
Patient Care Report Number

COMPLAINT ORGAN AGENCY

E9.12

Data [combo] single-choice

National Element

Definition

The primary organ system of the patient injured or medically affected. This is to be completed by EMS personnel with a minimum of an EMT-Paramedic level of credentialing.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ComplaintOrganSystem*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|----------------------|--------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 1350 Cardiovascular |
| 1355 CNS/Neuro | 1360 Endocrine/Metabolic |
| 1365 GI | 1370 Global |
| 1375 Musculoskeletal | 1380 OB/Gyn |
| 1385 Psych | 1390 Pulmonary |
| 1395 Renal | 1400 Skin |

Additional Information

- Possible Injury (E09_04), Chief Complaint Anatomic Location (E09_11), Chief Complaint Organ System (E09_12), and Primary Symptom (E09_13) are required to calculate the Reason for Encounter
- This data element is to be completed by EMS personnel at the EMT-Paramedic level or higher

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows for the calculation of the "EMS Reason for Encounter" used to further describe the EMS patient population

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

PRIMARY SYMPTOM

E9.13

Data [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *PrimarySymptom*

Multiple Entry Configuration No

Accepts Null Values Yes

Required in XSD Yes

Field Values

| | |
|-------------------------------|-------------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 1405 Bleeding |
| 1410 Breathing Problem | 1415 Change in responsiveness |
| 1420 Choking | 1425 Death |
| 1430 Device/Equipment Problem | 1435 Diarrhea |
| 1440 Drainage/Discharge | 1445 Fever |
| 1450 Malaise | 1455 Mass/Lesion |
| 1460 Mental/Psych | 1465 Nausea/Vomiting |
| 1470 None | 1475 Pain |
| 1480 Palpitations | 1485 Rash/Itching |
| 1490 Swelling | 1495 Transport Only |
| 1500 Weakness | 1505 Wound |

Additional Information

- Possible Injury (E09_04), Chief Complaint Anatomic Location (E09_11), Chief Complaint Organ System (E09_12), and

Primary Symptom (E09_13) are required to calculate the Reason for Encounter

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the patient's primary symptom
- Allows data to describe the patient's primary symptom
- Allows for the calculation of the "EMS Reason for Encounter" used to further describe the EMS patient population

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 52 Signs and Symptoms Present

OTHER ASSOCIATED SYMPTOMS

E9.14

Data [combo] multiple-choice

National Element

Definition

Other symptoms identified by the patient or observed by EMS personnel

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *OtherAssociatedSymptoms*

Multiple Entry Configuration Yes
Required in XSD Yes

Accepts Null Values Yes

Field Values

| | |
|-------------------------------|-------------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 1510 Bleeding |
| 1515 Breathing Problem | 1520 Change in responsiveness |
| 1525 Choking | 1530 Death |
| 1535 Device/Equipment Problem | 1540 Diarrhea |
| 1545 Drainage/Discharge | 1550 Fever |
| 1555 Malaise | 1560 Mass/Lesion |
| 1565 Mental/Psych | 1570 Nausea/Vomiting |
| 1575 None | 1580 Pain |
| 1585 Palpitations | 1590 Rash/Itching |
| 1595 Swelling | 1600 Transport Only |
| 1605 Weakness | 1610 Wound |

Additional Information

- This data element is used for Bioterrorism Syndromic Surveillance

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the patient's primary symptom
- Allows data to describe the patient's associated symptoms
- Allows for potential bio-terrorism surveillance based on the symptomatic presentation of the EMS Patient combined with other data points

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Essential Element 52 Signs and Symptoms Present

PROVIDERS PRIMARY IMPRESSION

E9.15

Data [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ProvidersPrimaryImpression*

Multiple Entry Configuration No **Accepts Null Values** Yes

Required in XSD Yes

Field Values

| | |
|---|--|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 1615 789.00- Abdominal pain / problems |
| 1620 519.80- Airway obstruction | 1625 995.30- Allergic reaction |
| 1630 780.09- Altered level of consciousness | 1635 312.90- Behavioral / psychiatric disorder |
| 1640 427.50- Cardiac arrest | 1645 427.90- Cardiac rhythm disturbance |
| 1650 786.50- Chest pain / discomfort | 1655 250.90- Diabetic symptoms (hypoglycemia) |
| 1660 994.80- Electrocution | 1665 780.60- Hyperthermia |

1670 780.90- Hypothermia
1680 987.90- Inhalation injury (toxic gas)
1690 977.90- Poisoning / drug ingestion
1700 786.09- Respiratory distress
1710 780.30- Seizure
1720 987.90- Smoke inhalation
1730 436.00- Stroke / CVA
1740 959.90- Traumatic injury

1675 785.59- Hypovolemia / shock
1685 798.99- Obvious death
1695 659.90- Pregnancy / OB delivery
1705 799.10- Respiratory arrest
1715 959.90- Sexual assault / rape
1725 989.50- Stings / venomous bites
1735 780.20- Syncope / fainting
1745 623.80- Vaginal hemorrhage

Additional Information

- ICD-9 Codes were retained over ICD-10 due to CMS's continued use of ICD-9 in the EMS Condition Codes

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the EMS personnel's clinical impression
- Allows data to describe the EMS patient population based on EMS personnel impression of the EMS patient's problem

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Essential Element 50 Providers Impression

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Provider Impression/Assessment; The emergency providers single most important impression/assessment which drove the choice of treatment; [combo] Abdominal Pain = 10, Airway Obstruction = 11, Allergic Reaction, excludes stings & venomous bites = 12, Altered Level of Consciousness = 13, Behavioral-Mental Status, Psychiatric Disorder = 14, Burns = 15, Cardiac Arrest = 16, Cardiac Dysrhythmia = 17, Chest Pain = 18, Diabetic Symptom = 19, Do Not Resuscitate = 20, Electrocution = 21, General Illness = 2, Hemorrhaging/Bleeding = 23, Hyperthermia = 24, Hypothermia = 25, Hypovolemia = 26, Inhalation Injury, Toxic Gases = 27, Obvious Death = 28, Overdose/Poisoning = 29, Pregnancy/OB = 30, Respiratory Arrest = 31, Respiratory Distress = 32, Seizure = 33, Sexual Assault = 34, Sting/Bite = 35, Stroke/CVA = 36, Syncope, Fainting = 37, Trauma = 38, Other Impression/Assessment = 00, None/No patient or refused Treatment = NN

PROVIDER'S SECONDARY IMPRESSION

E9.16

Data [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ProvidersSecondaryImpression*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|--|---|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 1750 789.00- Abdominal pain / problems |
| 1755 519.80- Airway obstruction | 1760 995.30- Allergic reaction |
| 1765 780.09- Altered level of consciousness | 1770 312.90- Behavioral / psychiatric disorder |
| 1775 427.50- Cardiac arrest | 1780 427.90- Cardiac rhythm disturbance |
| 1785 786.50- Chest pain / discomfort | 1790 250.90- Diabetic symptoms (hypoglycemia) |
| 1795 994.80- Electrocution | 1800 780.60- Hyperthermia |

- 1805** 780.90- Hypothermia
- 1815** 987.90- Inhalation injury (toxic gas)
- 1825** 977.90- Poisoning / drug ingestion
- 1835** 786.09- Respiratory distress
- 1845** 780.30- Seizure
- 1855** 987.90- Smoke inhalation
- 1865** 436.00- Stroke / CVA
- 1875** 959.90- Traumatic injury

- 1810** 785.59- Hypovolemia / shock
- 1820** 798.99- Obvious death
- 1830** 659.90- Pregnancy / OB delivery
- 1840** 799.10- Respiratory arrest
- 1850** 959.90- Sexual assault / rape
- 1860** 989.50- Stings / venomous bites
- 1870** 780.20- Syncope / fainting
- 1880** 623.80- Vaginal hemorrhage

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the EMS personnel's clinical impression
- Allows data to describe the EMS patient population based on EMS personnel impression of the EMS patient's problem

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Essential Element 50 Providers Impression

CAUSE OF INJURY

E10.1

Data [combo] single-choice

National Element

Definition

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

| | |
|--|--|
| XSD Data Type <i>xs:integer</i> | XSD Domain (Simple Type) <i>CauseOfInjury</i> |
| Multiple Entry Configuration No | Accepts Null Values Yes |
| Required in XSD Yes | |

Field Values

- | | |
|--|---|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 1885 Bites (E906.0) |
| 9500 Aircraft related accident (E84X.0) | 9505 Bicycle Accident (E826.0) |
| 9515 Chemical poisoning (E86X.0) | 9520 Child battering (E967.0) |
| 9525 Drowning (E910.0) | 9530 Drug poisoning (E85X.0) |
| 9535 Electrocution (non-lightning) (E925.0) | 9540 Excessive Cold (E901.0) |
| 9545 Excessive Heat (E900.0) | 9550 Falls (E88X.0) |
| 9555 Fire and Flames (E89X.0) | 9560 Firearm assault (E965.0) |
| 9565 Firearm injury (accidental) (E985.0) | 9570 Firearm self inflicted (E955.0) |
| 9575 Lightning (E907.0) | 9580 Machinery accidents (E919.0) |
| 9585 Mechanical Suffocation (E913.0) | 9590 Motor Vehicle non-traffic accident (E82X.0) |
| 9595 Motor Vehicle traffic accident (E81X.0) | 9600 Motorcycle Accident (E81X.1) |
| 9605 Non-Motorized Vehicle Accident (E848.0) | 9610 Pedestrian traffic accident (E814.0) |
| 9615 Radiation exposure (E926.0) | 9620 Rape (E960.1) |
| 9625 Smoke Inhalation (E89X.2) | 9630 Stabbing/Cutting Accidental (E986.0) |
| 9635 Stabbing/Cutting Assault (E966.0) | 9640 Struck by Blunt/Thrown Object (E968.2) |
| 9645 Venomous stings (plants, animals) (E905.0) | 9650 Water Transport accident (E83X.0) |

Additional Information

- Complete only if Possible Injury (E09_04) is "Yes"
- ICD-9 Codes were retained over ICD-10 due to CMS's continued use of ICD-9 in the EMS Condition Codes

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the traumatic cause of injury
- Allows data to describe the cause of a traumatic event

Data Collector

- EMS personnel if Possible Injury (E09_04) is answered Yes

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 49 Cause of Injury

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Cause of Illness/Injury; The immediate cause or condition responsible for the injury or illness; Pick-List: Chemical Exposure = 10, Drug Poisoning = 11, Fall = 12, Aircraft Related = 13, Bite, Includes Animal Bites = 14, Bicycle Accident = 15, Building Collapse/Construction Accident = 16, Downing = 17, Electrical Shock = 18, Cold = 19, Heat = 20, Explosives - 21, Fire and Flames - 22, Firearm = 23, Fireworks = 25, Lightning = 26, Machinery = 27, Mechanical Suffocation = 28, Motor Vehicle Accident = 29, Motor Vehicle Accident, Pedestrian = 30, Non-Traffic Vehicle (off road) Accident = 31, Physical Assault/Abuse = 32, Scalds/Other Thermal = 33, Smoke Inhalation = 34, Stabbing Assault = 35, Venomous Sting = 36, Water Transport = 37, Other Cause of Injury/Illness = 00, Unknown Cause of Injury/Illness = UU

USE OF OCCUPANT SAFETY EQUIPMENT

E10.8

Data [combo] multiple-choice

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *UseOfOccupantSafetyEquipment*

Multiple Entry Configuration Yes **Accepts Null Values** Yes

Required in XSD No

Field Values

-25 Not Applicable -20 Not Recorded

-15 Not Reporting -10 Not Known

-5 Not Available 2170 Child Restraint

2175 Eye Protection 2180 Helmet Worn

2185 Lap Belt 2187 None

2190 Other 2195 Personal Floatation Device

2200 Protective Clothing 2205 Protective Non-Clothing Gear

2210 Shoulder Belt

Additional Information

- Complete only if Possible Injury (E09_04) is "Yes"

Uses

- A component of the EMS Medical Record: Patient Care Report
- Important component of an EMS Medical Record to identify issues of clinical care and agency performance and delivery
- Used to better define injury cause and describe injury patterns within and EMS community

Data Collector

- EMS personnel if Possible Injury (E09_04) is answered Yes and there is a vehicle involved

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Essential Element 55 Safety Equipment

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Safety Equipment; Multiple Select Pick-List: Safety, Seat Belts =1, Child Safety Seat = 2, Airbag = 3, Helmet = 4, Protective Clothing = 5, Flotation Device = 6, None or No Safety Equipment = N, Other Safety Equipment Used = O, Undetermined Safety Equipment = U

CARDIAC ARREST

E11.1

Data [combo] single-choice

National Element

Definition

Indication of the presence of a cardiac arrest at any time associated with the EMS event.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *CardiacArrest*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|--------------------------------|-----------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 0 No |
| 2240 Yes, Prior to EMS Arrival | 2245 Yes, After EMS Arrival |

Additional Information

- If answered YES, all other data points in the Situation/CPR should be addressed

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the occurrence of a cardiac arrest
- Allows data to describe the number of cardiac arrests within the EMS patient population

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Cardiac Arrest; Pick-List: Pre-Arrival Arrest = 1, Post-Arrival Arrest = 2
- UTSTEIN Title: Confirmed Cardiac Arrests Considered for Resuscitation

CARDIAC ARREST ETIOLOGY

E11.2

Data [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *CardiacArrestEtiology*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |

-5 Not Available
2255 Trauma
2265 Respiratory
2275 Other

2250 Presumed Cardiac
2260 Drowning
2270 Electrocutation

Additional Information

- Complete only if Cardiac Arrest (E11_01) is “Yes”

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the occurrence of a cardiac arrest
- Allows data to describe the number of cardiac arrests within the EMS patient population

Data Collector

- EMS personnel if Cardiac Arrest (E11_01) is answered Yes

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References to Other Databases

- **UTSTEIN** Title: Cardiac Etiology; Presumed Cardiac = C, Trauma = T, Drowning = D, Respiratory = R, Other = O, Unknown = U

RESUSCITATION ATTEMPTED

E11.3

Data [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ResuscitationAttempted*
Multiple Entry Configuration Yes **Accepts Null Values** Yes

Required in XSD Yes

Field Values

| | |
|---|-----------------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 2280 Attempted Defibrillation |
| 2285 Attempted Ventilation | 2290 Initiated Chest Compressions |
| 2295 Not Attempted-Considered Futile | 2300 Not Attempted-DNR Orders |
| 2305 Not Attempted-Signs of Circulation | |

Additional Information

- Complete only if Cardiac Arrest (E11_01) is “Yes”

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the type of resuscitation initiated during a cardiac arrest
- Allows data to describe the number of cardiac arrests within the EMS patient population which resulted in resuscitative efforts

Data Collector

- EMS personnel if Cardiac Arrest (E11_01) is answered Yes

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References to Other Databases

- **UTSTEIN** Title: Resuscitations Attempted; Attempted Defibrillation = D, Attempted Chest Compressions = C, Attempted Ventilation = V, Not Attempted-DNR Orders = R, Not Attempted-Considered Futile = F, Not Attempted-Signs of Circulation = A, Unknown = U, Not Record

FIRST MONITORED RHYTHM OF THE PATIENT

E11.5

Data [combo] single-choice

Definition

Documentation of what the first monitored rhythm which was noted

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *FirstMonitoredRhythm*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD No

Field Values

| | |
|---------------------------------------|-----------------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 2325 Asystole |
| 2330 Bradycardia | 2335 Normal Sinus Rhythm |
| 2340 Other | 2345 PEA |
| 2350 Unknown AED Non-Shockable Rhythm | 2355 Unknown AED Shockable Rhythm |
| 2360 Ventricular Fibrillation | 2365 Ventricular Tachycardia |

Additional Information

- Complete only if Cardiac Arrest (E11_01) is “Yes”

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the First Monitored Rhythm of a cardiac arrest
- Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and agency response

Data Collector

- EMS personnel if Cardiac Arrest (E11_01) is answered Yes

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Initial Arrest Rhythm; Pick-List: V-Fib//V-Tach = 1, Other = O, Undetermined = U
- UTSTEIN Title: First Monitored Rhythm Shockable (in Cardiac Arrest) and First Monitored Rhythm Non-Shockable; [combo] Ventricular Fibrillation, Ventricular Tachycardia, Unknown AED Shockable Rhythm, Asystole, PEA, Bradycardia, Other, Unknown AED Non-Shockable Rh

ANY RETURN OF SPONTANEOUS CIRCULATION

E11.6

Data [combo] single-choice

Definition

Indication whether or not there was any return of spontaneous circulation at any time during the EMS event.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ReturnOfSpontaneousCirculation*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD No

Field Values

| | |
|------------------------------------|---|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 2380 No |
| 2370 Yes, Prior to ED Arrival Only | 2375 Yes, Prior to ED Arrival and at the ED |

Additional Information

- Complete only if Cardiac Arrest (E11_01) is “Yes”

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the Return of Spontaneous Circulation associated with a cardiac arrest
- Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and agency response

Data Collector

- EMS personnel if Cardiac Arrest (E11_01) is answered Yes

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Desirable Element 64 Return of Spontaneous Circulation

References to Other Databases

- **UTSTEIN** Title: Any Return of Spontaneous Circulation (ROSC); [combo] Yes = Y, No = No, U = Unknown

CARDIAC RHYTHM ON ARRIVAL AT DESTINATION

E11.11

Data [combo] multiple-choice

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *CardiacRythmAtDestination*
Multiple Entry Configuration Yes **Accepts Null Values** Yes
Required in XSD No

Field Values

- | | |
|---------------------------------------|---|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 2455 12 Lead ECG-Anterior Ischemia |
| 2460 12 Lead ECG-Inferior Ischemia | 2465 12 Lead ECG-Lateral Ischemia |
| 2470 Agonal/Idioventricular | 2475 Artifact |
| 2480 Asystole | 2485 Atrial Fibrillation/Flutter |
| 2490 AV Block-1st Degree | 2495 AV Block-2nd Degree-Type 1 |
| 2500 AV Block-2nd Degree-Type 2 | 2505 AV Block-3rd Degree |
| 2510 Junctional | 2515 Left Bundle Branch Block |
| 2520 Normal Sinus Rhythm | 2525 Other |
| 2530 Paced Rhythm | 2535 PEA |
| 2540 Premature Atrial Contractions | 2545 Premature Ventricular Contractions |
| 2550 Right Bundle Branch Block | 2555 Sinus Arrhythmia |
| 2560 Sinus Bradycardia | 2565 Sinus Tachycardia |
| 2570 Supraventricular Tachycardia | 2575 Torsades De Points |
| 2580 Unknown AED Non-Shockable Rhythm | 2585 Unknown AED Shockable Rhythm |
| 2590 Ventricular Fibrillation | 2595 Ventricular Tachycardia |

Additional Information

- Complete only if Cardiac Arrest (E11_01) is "Yes"
- This data point could be completed by documentation of the final rhythm in the Vital Signs Section (E14) with the appropriate time

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and agency response

Data Collector

- EMS personnel if Cardiac Arrest (E11_01) is answered Yes

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Desirable Element 67

Rhythm at

BARRIERS TO PATIENT CARE

E12.1

Data [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *BarriersToPatientCare*
Multiple Entry Configuration Yes **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|--|-------------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 2600 Developmentally Impaired |
| 2605 Hearing Impaired | 2610 Language |
| 2615 None | 2620 Physically Impaired |
| 2625 Physically Restrained | 2630 Speech Impaired |
| 2635 Unattended or Unsupervised (including minors) | 2640 Unconscious |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on any barriers to patient care
- Allows data to describe any barriers to care within the EMS agency which is important to many federal initiatives

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Human Factors; Describes the human factors that contributed to the patient's injury; Pick-List: Asleep = 1, Unconscious = 2, Possibly Impaired by Alcohol = 3, Possibly Impaired by Other Drug or Chemical = 4, Possibly Mentally Disabled = 5, Physically Disabled = 6, Physically Restrained = 7, Unattended or Unsupervised Person, Included are too young to act = 8, None or No Human Factors = N

ALCOHOL/DRUG USE INDICATORS

E12.19

Data [combo] multiple-choice

National Element

Definition

Indicators for the potential use of Alcohol or Drugs by the patient.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *AlcoholDrugUseIndicators*
Multiple Entry Configuration Yes **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|---|---------------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 2985 Smell of Alcohol on Breath |
| 2990 Patient Admits to Alcohol Use | 2995 Patient Admits to Drug Use |
| 3000 Alcohol and/or Drug Paraphernalia at Scene | 3001 None |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on alcohol/drug use indicators
- Allows data to describe Alcohol and Drug use within the EMS patient population

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References in NHTSA Version 1

Essential Element 57 Suspected Alcohol/Drug Use

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Human Factors; Describes the human factors that contributed to the patient's injury; Pick-List: Asleep = 1, Unconscious = 2, Possibly Impaired by Alcohol = 3, Possibly Impaired by Other Drug or Chemical = 4, Possibly Mentally Disabled = 5, Physically Disabled = 6, Physically Restrained = 7, Unattended or Unsupervised Person, Included are too young to act = 8, None or No Human Factors = N

MEDICATION GIVEN

E18.3

Data [combo] single-choice

National Element

Definition

The medication given to the patient

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *MedicationsGiven*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes
Required in XSD Yes **Minimum Constraint** 2 **Maximum Constraint** 30
XSD Structure: All data elements section E18 are members of the E18 Medication Structure

Field Values

-25 Not Applicable -20 Not Recorded
-15 Not Reporting -10 Not Known
-5 Not Available

Additional Information

- List created from Medications (D04_06)

Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the medications administered by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number
E18_01 Date/Time Medication Administered **E18_02** Medication Administered Prior to this Units EMS Care
E18_04 Medication Administered Route **E18_05** Medication Dosage
E18_06 Medication Dosage Units **E18_07** Response to Medication
E18_08 Medication Complication **E18_09** Medication Crew Member ID
E18_10 Medication Authorization **E18_11** Medication Authorizing Physician

References in NHTSA Version 1

Essential Element 80 Medication Name

References to Other Databases

- NFIRS 5.0 EMS Module, Title: Procedures Used, Multi Select List: Airway Insertion = 01, Anti-Shock Trousers =

02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instruction = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN

MEDICATION COMPLICATION

E18.8

Data [combo] multiple-choice

National Element

Definition

Any complication (abnormal effect on the patient) associated with the administration of the medication to the patient by EMS

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MedicationComplication*
Multiple Entry Configuration (1) Yes, via structure. (2) Yes for each E14_01 Date/Time
Accepts Null Values Yes

Required in XSD Yes

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

Field Values

| | |
|----------------------------|------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 4390 None |
| 4395 Altered Mental Status | 4400 Apnea |
| 4405 Bleeding | 4410 Bradycardia |
| 4415 Diarrhea | 4420 Extravasation |
| 4425 Hypertension | 4430 Hyperthermia |
| 4435 Hypotension | 4440 Hypoxia |
| 4445 Injury | 4450 Itching/Urticaria |
| 4455 Nausea | 4460 Other |
| 4465 Respiratory Distress | 4470 Tachycardia |
| 4475 Vomiting | |

Uses

- Allows data to be sorted based on medication complication
- Allows data to describe medication complications which occur as a result of EMS treatment
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

| | | |
|--|--|---------------|
| E00 Common Null Values | E01_01 Patient Care Report Number | |
| E18_01 Date/Time Medication Administered | E18_02 Medication Administered Prior to this Units EMS Care | |
| E18_03 Medication Given | E18_04 Medication Administered Route | |
| E18_05 Medication Dosage | E18_06 Medication Dosage Units | |
| E18_07 Response to Medication | E18_09 Medication Crew Member ID | |
| E18_10 Medication Authorization Medication Authorizing Physician | | E18_11 |

PROCEDURE

E19.3

Data [combo] single-choice

National Element

Definition

The procedure performed on the patient.

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *Procedure*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes
Required in XSD Yes **Minimum Constraint** 0 **Maximum Constraint** 1,000
XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure

Field Values

-25 Not Applicable -20 Not Recorded
-15 Not Reporting -10 Not Known
-5 Not Available

Additional Information

- List created from Procedures (D04_04)

Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures which are performed by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

| | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E19_01 Date/Time Procedure Performed Successfully | E19_02 Procedure Performed Prior to this Units EMS Care |
| E19_04 Size of Procedure Equipment | E19_05 Number of Procedure Attempts |
| E19_06 Procedure Successful | E19_07 Procedure Complication |
| E19_08 Response to Procedure | E19_09 Procedure Crew Members ID |
| E19_10 Procedure Authorization | E19_11 Procedure Authorizing Physician |

References in NHTSA Version 1

Desirable Element 58 Time of First CPR
Desirable Element 63 Time of First Defibrillatory Shock

References to Other Databases

- **NFIRS 5.0** EMS Module, Title: Procedures Used, Multi Select List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instruction = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN
- **UTSTEIN** Arrest after arrival of EMS could be documented by CPR or Defibrillation performed along with the Cardiac Arrest datapoint.; [text] Value or

NUMBER OF PROCEDURE ATTEMPTS

E19.5

Data [number]

National Element

Definition

The number of attempts taken to complete a procedure or intervention regardless of success

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NumberOfProcedureAttempts*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes
Required in XSD Yes **Minimum Constraint** -25 **Maximum Constraint** 100
XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure

Field Values

-25 Not Applicable -20 Not Recorded
-15 Not Reporting -10 Not Known
-5 Not Available

Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures which are performed by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

| | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E19_01 Date/Time Procedure Performed Successfully | E19_02 Procedure Performed Prior to this Units EMS Care |
| E19_03 Procedure | E19_04 Size of Procedure Equipment |
| E19_06 Procedure Successful | E19_07 Procedure Complication |
| E19_08 Response to Procedure | E19_09 Procedure Crew Members ID |
| E19_10 Procedure Authorization | E19_11 Procedure Authorizing Physician |

PROCEDURE SUCCESSFUL

E19.6

Data [combo] single-choice

National Element

Definition

Indication of whether or not the procedure performed on the patient was successful

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes
Required in XSD Yes
XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure

Field Values

-25 Not Applicable -20 Not Recorded
-15 Not Reporting -10 Not Known
-5 Not Available 0 No
1 Yes

Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures performed by EMS with respect to numbers and success rates
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

| | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E19_01 Date/Time Procedure Performed Successfully | E19_02 Procedure Performed Prior to this Units EMS Care |

E19_03 Procedure
E19_05 Number of Procedure Attempts
E19_08 Response to Procedure
E19_10 Procedure Authorization
 Procedure Authorizing Physician

E19_04 Size of Procedure Equipment
E19_07 Procedure Complication
E19_09 Procedure Crew Members ID

E19_11

PROCEDURE COMPLICATION

E19.7

Data [combo] multiple-choice

National Element

Definition

Any complication associated with the performance of the procedure on the patient

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ProcedureComplication*

Multiple Entry Configuration (1) Yes, via structure. (2) Yes for each E14_01 Date/Time
Accepts Null Values Yes

Required in XSD Yes

XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure

Field Values

| | |
|---|---|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 4500 None |
| 4505 Altered Mental Status | 4510 Apnea |
| 4515 Bleeding | 4520 Bradycardia |
| 4525 Diarrhea | 4530 Esophageal Intubation-immediately |
| 4535 Esophageal Intubation-other | 4540 Extravasation |
| 4545 Hypertension | 4550 Hyperthermia |
| 4555 Hypotension | 4560 Hypoxia |
| 4565 Injury | 4570 Itching/Urticaria |
| 4575 Nausea | 4580 Other |
| 4585 Respiratory Distress | 4590 Tachycardia |
| 4595 Vomiting | |

Uses

- Allows data to be sorted based on procedure complication
- Allows data to describe procedure complications which occur as a result of EMS treatment as part of a federal initiative to identify and reduce medical errors
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

| | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E19_01 Date/Time Procedure Performed Successfully | E19_02 Procedure Performed Prior to this Units EMS Care |
| E19_03 Procedure | E19_04 Size of Procedure Equipment |
| E19_05 Number of Procedure Attempts | E19_06 Procedure Successful |
| E19_08 Response to Procedure | E19_09 Procedure Crew Members ID |
| E19_10 Procedure Authorization | E19_11 Procedure Authorizing Physician |

DESTINATION/TRANSFERRED TO, NAME

E20.1

Data [text]

Definition

The destination the patient was delivered or transferred to

| | | | |
|-------------------------------------|------------------|---------------------------------|-----------------------------------|
| XSD Data Type | <i>xs:string</i> | XSD Domain (Simple Type) | <i>DestinationTransferredToID</i> |
| Multiple Entry Configuration | No | Accepts Null Values | Yes |
| Required in XSD | No | Minimum Constraint | 2 |
| | | Maximum Constraint | 50 |

Field Values

| | |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | |

Additional Information

- Could be an editable single choice list box derived from Hospitals Served (D04_11) and Other Destinations (D04_13)

Uses

- A component of the EMS Medical Record: Patient Care Report
- Important for grouping or comparing data by Destination location and type which also allows data to be sorted by geographic areas in many agencies
- Provides information on overall service area, patterns and times for agency configuration and evaluation

Data Collector

- EMS personnel

Other Associated Elements

| | | | |
|---------------|----------------------------------|---------------|----------------------------|
| E00 | Common Null Values | E01_01 | Patient Care Report Number |
| E20_02 | Destination/Transferred To, Code | | |

DESTINATION ZIP CODE

E20.7

Data [text]

National Element

Definition

The destination zip code in which the patient was delivered or transferred to

| | | | |
|-------------------------------------|------------------|---------------------------------|------------|
| XSD Data Type | <i>xs:string</i> | XSD Domain (Simple Type) | <i>Zip</i> |
| Multiple Entry Configuration | No | Accepts Null Values | Yes |
| Required in XSD | Yes | Minimum Constraint | 2 |
| | | Maximum Constraint | 10 |

XSD Structure: E20_03, E20_04, E20_05, and E20_07 are all members of E2-_03_0 Destination Address Structure

Field Values

| | |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | |

Additional Information

- Can be 5 or 9 digit Zip Code

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the destination location
- Allows data to describe patient's geographic destination
- Important for grouping or comparing data by Destination location and type which also allows data to be sorted by geographic areas in many agencies
- Provides information on overall service area, patterns and times for agency configuration and evaluation

Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

Other Associated Elements

| | | | |
|---------------|----------------------------------|---------------|----------------------------|
| E00 | Common Null Values | E01_01 | Patient Care Report Number |
| E20_01 | Destination/Transferred To, Name | E20_03 | Destination Street Address |
| E20_04 | Destination City | E20_05 | Destination State |

INCIDENT/PATIENT DISPOSITION

E20.10

Data [combo] single-choice

National Element

Definition

Type of disposition treatment and/or transport of the patient.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *IncidentPatientDisposition*
Multiple Entry Configuration No **Accepts Null Values** No
Required in XSD Yes

Field Values

| | |
|---|---|
| 4815 Cancelled | 4820 Dead at Scene |
| 4825 No Patient Found | 4830 No Treatment Required |
| 4835 Patient Refused Care | 4840 Treated and Released |
| 4845 Treated, Transferred Care | 4850 Treated, Transported by EMS |
| 4855 Treated, Transported by Law Enforcement | 4860 Treated, Transported by Private Vehicle |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the EMS disposition
- Allows data to describe EMS patient's disposition

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 47 Incident/Patient Disposition

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Disposition; Pick-List: FD Transport to Emergency Care Facility (ECF) = 1, Non-FD Transport = 2, Non-FD Transport with FD Attendant = 3, Non-Emergency Transfer = 4, Other = O, Not Transported under EMS = N

TRANSPORT MODE FROM SCENE

E20.14

Data [combo] single-choice

National Element

Definition

Indication whether or not lights and/or sirens were used on the vehicle while leaving scene

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TransportModeFromScene*

Multiple Entry Configuration No
Required in XSD Yes

Accepts Null Values Yes

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available

-20 Not Recorded
-10 Not Known
4955 Initial Lights and Sirens, Downgraded to No Lights

or

Sirens

4960 Initial No Lights or Sirens, Upgraded to Lights and Sirens
4970 No Lights or Sirens
4965 Lights and Sirens

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the transportation mode
- Allows data to describe transportation mode used by EMS

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 46 Lights and Sirens used from the Scene

REASON FOR CHOOSING DESTINATION

E20.16

Data [combo] single-choice

National Element

Definition

The reason the unit chose to deliver or transfer the patient to the destination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ReasonForChoosingDestination*

Multiple Entry Configuration No **Accepts Null Values** Yes

Required in XSD Yes

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
4995 Diversion
5005 Insurance Status
5015 On-Line Medical Direction
5025 Patient Choice
5035 Protocol
-20 Not Recorded
-10 Not Known
4990 Closest Facility (none below)
5000 Family Choice
5010 Law Enforcement Choice
5020 Other
5030 Patient's Physicians Choice
5040 Specialty Resource Center

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the destination choice
- Allows data to give a reason for choosing the patient's destination which is important to document from a specialty care agency and diversion/overcrowding perspective

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 45 Destination Determination

TYPE OF DESTINATION

E20.17

Data [combo] single-choice

National Element

Definition

The type of destination the patient was delivered or transferred to

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TypeOfDestination*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|-----------------------------------|--------------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 7270 Home |
| 7280 Hospital | 7290 Medical Office/Clinic |
| 7300 Morgue | 7320 Nursing Home |
| 7330 Other | 7340 Other EMS Responder (air) |
| 7350 Other EMS Responder (ground) | 7360 Police/Jail |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted or grouped based on the EMS transports destination type
- Allows data to describe EMS patient's destination type

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number
E20_01 Destination/Transferred To, Name

References in NHTSA Version 1

Essential Element 44
Destination/Transferred To

EMERGENCY DEPARTMENT DISPOSITION

E22.1

Data [combo] single-choice

National Element

Definition

The known disposition of the patient from the Emergency Department (ED)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *EmergencyDepartmentDisposition*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|---|---------------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 5335 Admitted to Hospital Floor |
| 5340 Admitted to Hospital ICU | 5345 Death |
| 5350 Not Applicable (Not Transported to ED) | 5355 Released |
| 5360 Transferred | |

Uses

- Allows data to be sorted based on the EMS patient outcome
- Allows data to describe EMS patient outcome

Data Collector

- EMS Agency: Could be collected by EMS Administration or electronically provided through linkage with hospital databases

Other Associated Elements

E00 Common Null Values
Patient Care Report Number

E01_01

HOSPITAL DISPOSITION

E22.2

Data [combo] single-choice

National Element

Definition

Indication of how the patient was dispositioned from the hospital, if admitted.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *HospitalDisposition*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD Yes

Field Values

| | |
|---|----------------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 5365 Death |
| 5370 Discharged | 5375 Transfer to Hospital |
| 5380 Transfer to Nursing Home | 5385 Transfer to Other |
| 5390 Transfer to Rehabilitation Facility | |

Uses

- Allows data to be sorted based on the EMS patient outcome
- Allows data to describe EMS patient outcome

Data Collector

- EMS Agency: Could be collected by EMS Administration or electronically provided through linkage with hospital databases

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References to Other Databases

- **UTSTEIN** Title: Survived Event to ED/ICU; Admitted to ED, Admitted to ICU

SUSPECTED CONTACT WITH BLOOD/BODY FLUIDS OF EMS INJURY OR DEATH

E23.5

Data [combo] single-choice

Definition

Indication of unprotected contact with blood or body fluids

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD No

Field Values

| | |
|---------------------------|-------------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 0 No |

1 Yes

Additional Information

- If Suspected Contact with Blood/Body Fluids of EMS Injury or Death (E23_05) is "YES", then Type of Suspected Blood/Body Fluid Exposure, Injury or Death (E23_06) and Personnel Exposed (E23_07) should be completed

Uses

- Important for the Quality Management evaluation of personnel performance and safety initiatives
- Part of an EMS Medical Record

Data Collector

- EMS personnel

Other Associated Elements

| | | | |
|---------------|---|---------------|----------------------------|
| E00 | Common Null Values | E01_01 | Patient Care Report Number |
| E23_06 | Type of Suspected Blood/Body Fluid Exposure, Injury, or Death | E23_07 | Personnel Exposed |

TYPE OF SUSPECTED BLOOD/BODY FLUID EXPOSURE, INJURY, OR

E23.6

Data [combo] multiple-choice

Definition

The type of exposure or unprotected contact with blood or body fluids

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TypeOfSuspectedExposureToBodilyFluids*
Multiple Entry Configuration Yes **Accepts Null Values** Yes

Required in XSD No

Field Values

| | |
|---|--|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 5540 Contact to Broken Skin |
| 5545 Contact to Intact Skin | 5550 Contact with Eye |
| 5555 Contact with Mucosal Surface | 5560 Inhalation Exposure |
| 5565 Needle Stick with Fluid Injection | 5570 Needle Stick without Fluid Injection |
| 5575 Other Physical injury | 5580 Death |
| 5585 None | |

Additional Information

- If Suspected Contact with Blood/Body Fluids of EMS Injury or Death (E23_05) is "YES", then Type of Suspected Blood/Body Fluid Exposure, Injury or Death (E23_06) and Personnel Exposed (E23_07) should be completed

Uses

- Important for the Quality Management evaluation of personnel performance and safety initiatives
- Part of an EMS Medical Record

Data Collector

- EMS personnel

Other Associated Elements

| | | | |
|---------------|---|---------------|----------------------------|
| E00 | Common Null Values | E01_01 | Patient Care Report Number |
| E23_05 | Suspected Contact with Blood/Body Fluids of EMS Injury or Death | E23_07 | Personnel Exposed |

REQUIRED REPORTABLE CONDITIONS

E23.8

Data [combo] single-choice

Definition

The presence of any condition which is reportable based on federal or state regulations.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD No

Field Values

| | |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting | -10 Not Known |
| -5 Not Available | 0 No |
| 1 Yes | |

Uses

- Allows reports to be generated to assist in the required reporting of mandated medical or social conditions
- Important for the Quality Management evaluation of personnel performance and safety initiatives
- Part of an EMS Medical Record

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

EMS AGENCY NUMBER

D1.1

Data [text]

National Element

Definition

The state-assigned provider number of the responding agency

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *EMSAgencyNumber*
Multiple Entry Configuration No **Accepts Null Values** No
Required in XSD Yes **Minimum Constraint** 3 **Maximum Constraint** 15

Field Values

A unique value; no variable list is possible.

Additional Information

- All EMS Agency demographic information is associated with the EMS agency number
- Not Nullable. A unique value must be provided to create a unique record ID within a database
- The same as EMS Agency Number (E02_01). This could be used to auto fill E02_01 on the Patient Care Report
- This data element is unique and is typically sequential

Uses

- Agency number (E02_01), agency state (D01_03), unit call sign (E02_12), patient number (E01_01) and date (E05_04) combine to create a unique identifier

Data Collector

- Typically generated by the State EMS Regulatory Office. Collected by the EMS agency or auto-generated by the EMS agency specific software.

Other Associated Elements

D01_01 EMS Agency Number

References in NHTSA Version 1

Desirable Element 23 Patient Care Record Number

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Patient Number

EMS AGENCY NAME

D1.2

Data [text]

Definition

The formal name of the agency

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *EMSAgencyName*

Multiple Entry Configuration No **Accepts Null Values** No

Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 50

Field Values

A unique value; no variable list is possible.

Uses

- Component of the EMS Agency Contact information
- Used to personalize reports associated with the EMS Agency

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

D01_01 EMS Agency Number

EMS AGENCY STATE

D1.3

Data [combo] multiple-choice

National Element

Definition

The state in which the Agency provides services

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *AgencyState*

Multiple Entry Configuration Yes **Accepts Null Values** No

Required in XSD Yes **Minimum Constraint** 2 **Maximum Constraint** 2

Field Values

- Appropriate 2 digit FIPS code

Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Not Nullable. A unique value must be provided to create a unique record ID within a database

Uses

- Agency number (E02_01), agency state (D01_03), unit call sign (E02_12), patient number (E01_01) and date (E05_04) combine to create a unique identifier

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

D01_01 EMS Agency Number

References to Other Databases

- NFIRS 5.0 EMS Module, Title: State

EMS AGENCY COUNTY

D1.4

Data [combo] multiple-choice

National Element

Definition

The county(s) for which the agency formally provides service

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *AgencyCounty*

Multiple Entry Configuration Yes
Required in XSD Yes

Accepts Null Values No
Minimum Constraint 5 **Maximum Constraint** 5

Field Values

- Appropriate 5 digit FIPS code

Additional Information

- Stored as a 5 digit FIPS code (combining the state and county code) to take into account agencies may serve more than one state and counties are often named the same from state to state

Uses

- Used to group data with a state

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

D01_01 EMS Agency Number

LEVEL OF SERVICE

D1.7

Data [combo] single-choice

National Element

Definition

The highest credentialed personnel's level of service which the agency provides for every EMS encounter if requested. In a tiered response system, this is the highest level of service which could be sent to any specific call.

XSD Data Type *xs:string/integer* **XSD Domain (Simple Type)**
DemographicStateCertificationLicensureLevels

Multiple Entry Configuration No **Accepts Null Values** No
Required in XSD Yes **Minimum Constraint** 2 **Maximum Constraint** 30

Field Values

| | |
|---------------------------|------------------------------|
| 6090 EMT-Basic | 6100 EMT-Intermediate |
| 6110 EMT-Paramedic | 6111 Nurse |
| 6112 Physician | 6120 First Responder |

Additional Information

- This list can be edited by each state to account for additional certification/licensure level by adding levels as listed in State Certification/Licensure Levels (D04_01). State Certification/Licensure levels (D04_01) should create the list for this item
- This value is stored either as the appropriate code or in text if an additional certification/licensure level has been entered by a state

Uses

- Allows data to be sorted based on an agency's level of service
- Provides description of EMS Personnel
- Provides descriptive information when combined with an EMS Agency's Billing Status

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

D01_01 EMS Agency Number

References in NHTSA Version 1

Essential Element 29 Crew Member One Type
Essential Element 30 Crew Member Two Type
Desirable Element 31 Crew Member Three Type

References to Other Databases

- NFIRS 5.0 EMS Module, Title: Highest Level of Provider on Scene by Fire Department, Pick-List: First Responder = 1, EMT-B (Basic) = 2, EMT-I (Intermediate) = 3, EMT-P (Paramedic) = 4, Other Health Care Provider,

Include Doctors, Nurses = O, No Care Provided = N

- **NFIRS 5.0** EMS Module, Title: Initial Level of FD Provider, Pick-List: First Responder = 1, EMT-B (Basic) = 2, EMT-I (Intermediate) = 3, EMT-P (Paramedic) = 4, Other Health Care Provider, Includes Doctors, Nurses, etc. = O, No Training = N

ORGANIZATIONAL TYPE

D1.8

Data [combo] single-choice

National Element

Definition

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

| | | | |
|-------------------------------------|------------------|---------------------------------|---------------------------|
| XSD Data Type | <i>xs:string</i> | XSD Domain (Simple Type) | <i>OrganizationalType</i> |
| Multiple Entry Configuration | No | Accepts Null Values | No |
| Required in XSD | Yes | | |

Field Values

| | |
|------------------------------------|-----------------------------|
| 5810 Community, Non-Profit | 5820 Fire Department |
| 5830 Governmental, Non-Fire | 5840 Hospital |
| 5850 Private, Non_Hospital | 5860 Tribal |

Uses

- Allows data to be sorted based on an agency's organizational structure
- Provides description of EMS agencies across the nation

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

D01_01 EMS Agency Number

ORGANIZATION STATUS

D1.9

Data [combo] single-choice

National Element

Definition

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

| | | | |
|-------------------------------------|-------------------|---------------------------------|---------------------------|
| XSD Data Type | <i>xs:integer</i> | XSD Domain (Simple Type) | <i>OrganizationStatus</i> |
| Multiple Entry Configuration | No | Accepts Null Values | No |
| Required in XSD | Yes | | |

Field Values

| | |
|-----------------------|---------------------------|
| 5870 Mixed | 5880 Non-Volunteer |
| 5890 Volunteer | |

Uses

- Allows data to be sorted based on an agency's organizational status
- Provides description of EMS agencies across the nation

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

D01_01 EMS Agency Number

TOTAL SERVICE SIZE AREA

D1.12

Data [number]

National Element

Definition

The total square miles in the agency's service area

XSD Data Type *xs:positiveInteger* **XSD Domain (Simple Type)** *TotalServiceSizeArea*

Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes, but null value is blank or empty

Required in XSD Yes **Minimum Constraint** 1 **Maximum Constraint** 100,000,000

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0

Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow statistical data to be entered yearly

Uses

- Allows data to be sorted based on an agency's service area size
- Provides description of EMS agencies across the nation

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

D01_01 EMS Agency Number

D01_10 Statistical Year

D01_13 Total Service Area Population

D01_14 911 Call Volume per Year

D01_15 EMS Dispatch Volume per Year

D01_16 EMS Transport Volume per Year

D01_17 EMS Patient Contact Volume per Year

D01_18 EMS Billable Calls per Year

TOTAL SERVICE AREA POPULATION

D1.13

Data [number]

National Element

Definition

The total population in the agency's service area based on year 2000 census data (if possible). This number does not include population changes associated with daily work flow or seasonal movements

XSD Data Type *xs:positiveInteger* **XSD Domain (Simple Type)** *TotalServiceAreaPopulation*

Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes, but null value is blank or empty

Required in XSD Yes **Minimum Constraint** 1 **Maximum Constraint** 100,000,000

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0

Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Baseline data should be taken from the 2000 Census data if possible
- Multiple entry configuration to allow statistical data to be entered yearly

Uses

- Allows data to be sorted based on an agency's service area population
- Provides description of EMS agencies across the nation

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

| | |
|---|---|
| D01_01 EMS Agency Number | D01_10 Statistical Year |
| D01_12 Total Service Size Area | D01_14 911 Call Volume per Year |
| D01_15 EMS Dispatch Volume per Year | D01_16 EMS Transport Volume per Year |
| D01_17 EMS Patient Contact Volume per Year | D01_18 |
| EMS Billable Calls per Year | |

911 CALL VOLUME PER YEAR

D1.14

Data [number]

National Element

Definition

The number of 911 EMS calls for the calendar year

XSD Data Type *xs:positiveInteger* **XSD Domain (Simple Type)** *CallVolumeYear911*

Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes, but null value is blank or empty

Required in XSD Yes **Minimum Constraint** 1 **Maximum Constraint** 100,000,000

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0 Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow statistical data to be entered yearly

Uses

- Allows data to be sorted based on an agency's 911 call volume per year
- Provides description of EMS agencies across the nation

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

| | |
|---|---|
| D01_01 EMS Agency Number | D01_10 Statistical Year |
| D01_12 Total Service Size Area | D01_13 Total Service Area Population |
| D01_15 EMS Dispatch Volume per Year | D01_16 EMS Transport Volume per Year |
| D01_17 EMS Patient Contact Volume per Year | D01_18 EMS Billable Calls per Year |

EMS DISPATCH VOLUME PER YEAR

D1.15

Data [number]

National Element

Definition

The number of EMS dispatches for the calendar year

XSD Data Type *xs:positiveInteger* **XSD Domain (Simple Type)** *EMSDispatchVolumeYear*

Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes, but null value is blank or empty

Required in XSD Yes **Minimum Constraint** 1 **Maximum Constraint** 100,000,000

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0

Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow statistical data to be entered yearly

Uses

- Allows data to be sorted based on an agency's Dispatch volume per year
- Provides description of EMS agencies across the nation

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

| | |
|---|---|
| D01_01 EMS Agency Number | D01_10 Statistical Year |
| D01_12 Total Service Size Area | D01_13 Total Service Area Population |
| D01_14 911 Call Volume per Year | D01_16 EMS Transport Volume per Year |
| D01_17 EMS Patient Contact Volume per Year | D01_18 EMS Billable Calls per Year |

EMS TRANSPORT VOLUME PER YEAR

D1.16

Data [number]

National Element

Definition

The number of EMS transports for the calendar year

XSD Data Type *xs:positiveInteger* **XSD Domain (Simple Type)** *EMSTransportVolumeYear*

Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes, but null value is blank or empty

Required in XSD Yes **Minimum Constraint** 1 **Maximum Constraint** 100,000,000

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0

Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow statistical data to be entered yearly

Uses

- Allows data to be sorted based on an agency's Transport volume per year
- Provides description of EMS agencies across the nation

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

| | |
|---|---|
| D01_01 EMS Agency Number | D01_10 Statistical Year |
| D01_12 Total Service Size Area | D01_13 Total Service Area Population |
| D01_14 911 Call Volume per Year | D01_15 EMS Dispatch Volume per Year |
| D01_17 EMS Patient Contact Volume per Year | D01_18 EMS Billable Calls per Year |

EMS PATIENT CONTACT VOLUME PER YEAR

D1.17

Data [number]

National Element

Definition

The number of EMS patient contacts for that calendar year

XSD Data Type *xs:positiveInteger* **XSD Domain (Simple Type)** *EMSPatientContactVolumeYear*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes, but null value is blank or empty
Required in XSD Yes **Minimum Constraint** 1 **Maximum Constraint** 100,000,000
XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0
Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow statistical data to be entered yearly

Uses

- Allows data to be sorted based on an agency's Patient Contact volume per year
- Provides description of EMS agencies across the nation

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

| | |
|---|---|
| D01_01 EMS Agency Number | D01_10 Statistical Year |
| D01_12 Total Service Size Area | D01_13 Total Service Area Population |
| D01_14 911 Call Volume per Year | D01_15 EMS Dispatch Volume per Year |
| D01_16 EMS Transport Volume per Year | D01_18 EMS Billable Calls per Year |

AGENCY CONTACT ZIP CODE

D2.7

Data [text]

National Element

Definition

The ZIP code of the Agency contact's mailing address.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DemographicZip*
Multiple Entry Configuration No **Accepts Null Values** No
Required in XSD Yes **Minimum Constraint** 5 **Maximum Constraint** 10
XSD Structure: D02_04, D02_05, D02_06, and D02_07 are all members of D02_04_0 Agency Contract Address

Field Values

A unique value; no variable list is possible.

Additional Information

- Can be a 5 or 9 digit Zip Code

Uses

- Allows data to be sorted into a geographical area
- Component of the EMS Agency Contact Information/Address

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

| | |
|-----------------------------------|--------------------------------------|
| D01_01 EMS Agency Number | D02_04 Agency Contact Address |
| D02_05 Agency Contact City | D02_06 Agency Contact State |

EMS PERSONNEL'S LAST NAME

D8.1

Data [text]

Definition

Last Name of personnel

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DemographicLastName*

Multiple Entry Configuration Yes, via structure 2 **Accepts Null Values** No

Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 20

XSD Structure: (1) All Section D07 data elements are associated with D07_01 Personnel's Agency Number Structure. (2) All

Section D08 data elements are associated with D07_02 State Licensure Number Structure. (3) D08_01, D08_02, and D08_02 are members of D08_01_0 Personnel Name Structure

Field Values

A unique value; no variable list is possible.

Uses

- Component of the EMS Personnel's Contact Information/ Address
- Used to personalize reports associated with the EMS Personnel

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

D01_01 EMS Agency Number D07_02 State/Licensure ID Number

D08_02 EMS Personnel's Middle Name/Initial D08_03 EMS Personnel's First Name

EMS PERSONNEL'S FIRST NAME

D8.3

Data [text]

Definition

First name of personnel

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *FirstName*

Multiple Entry Configuration Yes, via structure 2 **Accepts Null Values** Yes

Required in XSD No **Minimum Constraint** 1 **Maximum Constraint** 20

XSD Structure: (1) All Section D07 data elements are associated with D07_01 Personnel's Agency Number Structure. (2) All

Section D08 data elements are associated with D07_02 State Licensure Number Structure. (3) D08_01, D08_02, and D08_02 are members of D08_01_0 Personnel Name Structure

Field Values

A unique value; no variable list is possible. -25 Not Applicable

-20 Not Recorded -15 Not Reporting

-10 Not Known -5 Not Available

Uses

- Component of the EMS Personnel's Contact Information/ Address
- Used to personalize reports associated with the EMS Personnel

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

Other Associated Elements

D01_01 EMS Agency Number D07_02 State/Licensure ID Number

D08_01 EMS Personnel's Last Name D08_02 EMS Personnel's Middle Name/Initial

E00 Common Null Values