



New Jersey EMS Data Dictionary

Version 3.0

August 20, 2009

New Jersey Data Administrators:

Donald Roberts Donald.Roberts@doh.state.nj.us

Timothy Seplaki Timothy.Seplaki@doh.nj.us

Text highlighted in **YELLOW** are modifications made for New Jersey

COMMON NULL VALUES

E00

Definition

These values are to be used in each of the Demographic and EMS Data Elements described in this document which have been defined to accept the E00 Null Values. Please include these variables in the implementation of the NHTSA Version 2 Dataset.

Field Values

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

Additional Information

- For any collection of data to be of value and reliably represent what was intended, a strong commitment must be made to ensure the correct documentation of incomplete data. The described data integrity method must be followed with the NHTSA dataset. For data elements being electronically stored in a database or moved from one database to another using XML, the indicated values should be applied when a data element is empty or contains a null value.
- Not Applicable: (Code -25) = At the time of an EMS patient care report documentation, information requested was “Not Applicable” to the EMS or patient event. This indicates that it is unnecessary to document mechanism or injury related information on a patient who was not traumatized
- Not Available: (Code -5) = At the time of an EMS patient care report documentation, information was “Not Available” to EMS personnel. This documents that needed information did exist but the EMS personnel was unsuccessful in their attempt to obtain it
- Not Known: (Code -10) = At the time of an EMS patient care report documentation, information was “Not Known” to patient, family, and EMS personnel. This documents that there was an attempt to obtain information but it was unknown by all parties involved
- Not Recorded: (Code -20) = If an EMS documentation or information system has an empty field or nothing is recorded in any data element of the NHTSA dataset, code “-20” should be inserted into the database and/or XML for that data element indicating that the EMS Patient Care Report did not have a value for that specific data element when the EMS event or patient encounter was documented.
- Not Reporting: (Code -15) = If an EMS documentation or information system is not using any of the "National" data elements of the NHTSA dataset, code “-15” should be inserted into the database and/or XML for that data element.

Notes

Nulls

The “Null Allowed” section in Validation Rules references the Common Null Values below as defined by NEMSIS (NHTSA Data Dictionary) on the previous page.

If Null Allowed is Yes, then common null values, as specified, are allowed. If Null Allowed is No, then common null values not are allowed. If blank fields are acceptable, then the Null Allowed field will indicate Yes, but null value is blank or empty.

Not Recorded and Required Fields

Except where specifically indicated, blanks will not be allowed in transmitted records; they will not pass validation. For elements that are not required for the particular EMS event being recorded, the appropriate field value is -20, Not Recorded.

This also means that the medic did not make a conscious decision regarding the element criteria. This differs from the common null value of -25, “Not Applicable” because in those instances, the medic evaluated the element and determined that the information did not apply to the patient or event.

The value of -20, “Not Recorded” should be used any time an element is not required for the particular event. For example, if a call is cancelled en route, elements such as patient, procedures, and destination will all be recorded with a -20, “Not Recorded”.

The insertion of -20, Not Recorded should always be performed by the client software based on the requirements for the EMS event. -20, Not Recorded should not be displayed as an available picklist field value for any data element for a medic to select; its use is intended exclusively for “behind the scenes” insertion by client software to indicate that no values were required or recorded for the specific element.

Default Values

The default values listed are recommendations. An agency is free to choose anything they wish to have as a default in their software solution for any element as long as only valid values are transmitted with the record.

Not Reporting

The use of the NEMSIS common null value of -15, “Not Reporting” is not allowed except under a very exclusive set of circumstances. For example, if an agency’s legal counsel advises them not to collect racial or ethnic data, then the use of Not Reporting for this element is acceptable for those agencies. However, this type of situation is the only time this field value is allowed since all applicable data elements that are relevant to the particular EMS event must be reported.

Definitions

1. Definition of an EMS Event

Any time that emergency medical services are requested and personnel are dispatched to respond.

Notes:

- It is generally accepted that an event has occurred once a request is made and a unit is dispatched (which is to say that calls cancelled prior to the unit being dispatched, or situations where no dispatch occurs, do not qualify as an EMS event)

2. Definition of an Event Record

An electronic record transmitted to the electronic database containing information on an EMS event including service delivery and / or patient care data as applicable. An Event Record is required any time an EMS event occurs.

Notes:

- “Run Reports” and “Patient Care Reports” are synonymous with “Event Records”
- Data on EMS events may actually be collected in multiple systems such as CAD, NFIRS, and ePCR. It is not the within the scope, nor the intent, of the State of New Jersey to dictate which systems can or should collect this data; however, it is the intent of the State of New Jersey that all of this information be reported to the statewide database as an EMS event regardless of which system was used to initially capture it.
- Where multiple systems are utilized to capture information on EMS events, a participating agency must determine whether to pursue system integration or require crews to enter the required information in the separate systems. There are many commercial solutions available to integrate CAD, NFIRS, and ePCR data. However, each agency must evaluate its needs and its resources and determine the best solution for its operations.
- It does not matter how the event records are transmitted to the state database; they could be exported from one system or combined into a single export from multiple sources. The only requirement is that event records are sent, with the required information included, based on the XML schema definitions provided by NEMSIS and the New Jersey EMS Data Dictionary
- Capturing all EMS events, including those with no patient treatment such as cancelled calls or “no patient found”, is the only reliable way to accurately define, measure, and improve New Jersey’s EMS system and the resources required to maintain quality levels of service.

3. Definition of a Patient Encounter

Any time that subjective and / or objective signs and / or symptoms or a patient complaint results in evaluation and / or treatment.

Notes:

- A patient encounter is dependent on neither treatment nor transport nor cooperation from the patient; if a technician perceives a medical problem that requires evaluation, a patient encounter has been made.

- This excludes times where no complaint exists and where a technician assesses the situation and determines there are no subjective or objective signs and / or symptoms. For example, if EMS personnel arrive at a crash scene and all persons indicate they are “ok” and the technician sees no signs or symptoms that would warrant evaluation or treatment, no patient encounter has been made. However, it is important to note that EMS event information relative to service delivery is still required even though there is no patient, but a request for services was made and personnel responded.

4. Definition of Response Time

The elapsed time from when a dispatched unit proceeds en route to the time that the unit reaches the scene. Using the New Jersey EMS Data Dictionary, this is the difference between E05_05 Unit En Route Date / Time and E05_06 Unit Arrived on Scene Date / Time.

5. Definition of a Destination

Any location to which a patient is transported. This includes facilities and fixed location types, but may also include a location where a transfer of care occurs such as a Landing Zone “heli-spot” or rendezvous point.

Where the destination is a licensed facility or EMS provider, the “Destination / Transferred to Code”, should be populated with the appropriate numeric code for the facility or the provider. All other location types should be coded as “Other” with the appropriate corresponding “Type of Destination” filled in. “Destination Zip Code” should be filled in where applicable and where available.

All additional relevant elements such as “Patient Arrived at Destination Date/Time”, “Condition of Patient at Destination”, and “Reason for Choosing Destination” should be completed by the transporting unit based on the criteria above. They do not refer exclusively to arrival at a hospital.

6. Definition of an Intubation

Intubation Attempt:

An intubation attempt shall be defined as the physical introduction of the Laryngoscope blade into the oral cavity pass the incisors.

Successful intubation

Successful intubation shall be defined as the passing of the endotracheal tube through the mouth, larynx and past the vocal cords into the trachea. This shall be confirmed with:

- Direct visualization of the tube passing through the vocal cords
- Equal bilateral breath sounds on auscultation
- No epigastric sounds upon ventilation
- The use of disposable/electronic capnography.

EMS AGENCY NUMBER

D01_01

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

D01_02

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

D01_03

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

D01_04

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**Accepts Null Values** No**Required in XSD** Yes**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

PRIMARY TYPE OF SERVICE

D01_05

Data [combo] single-choice

Definition

The primary service type provided by the agency

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

Field Values

5610 911 Response (Scene) with Transport Capability**5630** Air Medical**5650** Medical Transport (Convalescent)**5670** Rescue**5620** 911 Response (Scene) without Transport Capability**5640** Hazmat**5660** Paramedic Intercept**5680** Specialty Care Transport

Uses

- Important for grouping or comparing EMS Agencies

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

D01_07

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

D01_08

Data [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *OrganizationalType*

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

D01_09

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 *xs:integer***XSD Domain (Simple Type)** *OrganizationStatus***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

STATISTICAL YEAR

D01_10

Data [date/time]

National Element

Definition

The year to which the information pertains

XSD Data Type *xs:gYear*

XSD Domain (Simple Type) *StatisticalYear*

Multiple Entry Configuration Yes, via structure

Accepts Null Values No

Required in XSD Yes

Minimum Constraint 1,920 **Maximum Constraint** 2,030

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

- Format [YYYY]
- Multiple entry configuration to allow statistical data to be entered yearly
- Used to identify the year to which the data pertains

Uses

- Associates a year with statistical data to improve reporting capabilities

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_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_17 EMS Patient Contact Volume per Year

D01_18 EMS Billable Calls per Year

TOTAL SERVICE SIZE AREA

D01_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

D01_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

D01_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_12** Total Service Size Area**D01_15** EMS Dispatch Volume per Year**D01_17** EMS Patient Contact Volume per Year**D01_10** Statistical Year**D01_13** Total Service Area Population**D01_16** EMS Transport Volume per Year**D01_18** EMS Billable Calls per Year

EMS DISPATCH VOLUME PER YEAR

D01_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_12 Total Service Size Area

D01_14 911 Call Volume per Year

D01_17 EMS Patient Contact Volume per Year

D01_10 Statistical Year

D01_13 Total Service Area Population

D01_16 EMS Transport Volume per Year

D01_18 EMS Billable Calls per Year

EMS TRANSPORT VOLUME PER YEAR

D01_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

D01_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

EMS AGENCY TIME ZONE

D01_19

Data [text]*National Element*

Definition

The time zone for the EMS Agency

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

Field Values

5900 GMT-11:00 Midway Island, Samoa**5910** GMT-10:00 Hawaii**5920** GMT-09:00 Alaska**5930** GMT-08:00 Pacific Time**5940** GMT-07:00 Mountain Time**5950** GMT-06:00 Central Time**5960** GMT-05:00 Eastern Time**5970** GMT-04:00 Atlantic Time

Uses

- Allows data to be tracked in comparison to other systems and times to better correlate in any analysis

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

NATIONAL PROVIDER IDENTIFIER

D01_21

Data [text]

National Element

Definition

The National Provider Identifier associated with National Provider System (NPS) and used in all standard HIPAA transactions such as electronic claim filing.

XSD Data Type *xs:string*

XSD Domain (Simple Type) *NationalProviderIdentifier*

Multiple Entry Configuration No

Accepts Null Values Yes

Required in XSD Yes

Minimum Constraint 3

Maximum Constraint 10

Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

Additional Information

- The National Provider Identifier is associated with the EMS agency number

Uses

- Important for HIPAA related transactions such as electronic claims processing

Data Collector

- Generated by the National Provider System within the United States Department of Health and Human Services. Collected by the EMS agency or auto-generated by the EMS agency specific software.

Other Associated Elements

D01_01 EMS Agency Number

AGENCY CONTACT LAST NAME

D02_01

Data [text]

Definition

The Last Name of the agency's primary contact.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DemographicLastName*
Multiple Entry Configuration No **Accepts Null Values** No
Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 20
XSD Structure: D02_01, D02_02, and D02_03 are all members D02_01_0 Agency Contact Name Structure

Field Values

A unique value; no variable list is possible.

Uses

- 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_02 Agency Contact Middle Name/Initial

AGENCY CONTACT FIRST NAME

D02_03

Definition

The First Name of the agency's primary contact.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *MiddleInitialName*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD No **Minimum Constraint** 1 **Maximum Constraint** 20
XSD Structure: D02_01, D02_02, and D02_03 are all members D02_01_0 Agency Contact Name Structure

Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

Uses

- 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_02 Agency Contact Middle Name/Initial

D02_01 Agency Contact Last Name

E00 Common Null Values

AGENCY CONTACT ADDRESS

D02_04

Data [text]

Definition

The Agency contact's location or physical address.

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>StreetAddress</i>
Multiple Entry Configuration	No	Accepts Null Values	Yes
Required in XSD	No	Minimum Constraint	2
		Maximum Constraint	30

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.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

Uses

- 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_06 Agency Contact State

E00 Common Null Values

D02_05 Agency Contact City

D02_07 Agency Contact Zip Code

AGENCY CONTACT CITY

D02_05

Data [combo] single-choice

Definition

The city of the Agency contact's mailing address.

XSD Data Type *xs:string***XSD Domain (Simple Type)** *City***Multiple Entry Configuration** No**Accepts Null Values** Yes**Required in XSD** No**Minimum Constraint** 2**Maximum Constraint** 30

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.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

Additional Information

- 5 digit FIPS code
- Could be filled in from Zip Code entry (D02_07)

Uses

- 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_06** Agency Contact State**D02_07** Agency Contact Zip Code**E00** Common Null Values

AGENCY CONTACT STATE

D02_06

Data [combo] single-choice

Definition

The state of the Agency contact's mailing address.

XSD Data Type *xs:string***XSD Domain (Simple Type)** *State***Multiple Entry Configuration** No**Accepts Null Values** Yes**Required in XSD** No**Minimum Constraint** 2**Maximum Constraint** 3

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.

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

Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Zip Code entry (D02_07)

Uses

- 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_05** Agency Contact City**E00** Common Null Values**D02_04** Agency Contact Address**D02_07** Agency Contact Zip Code

AGENCY CONTACT ZIP CODE

D02_07

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

AGENCY CONTACT TELEPHONE NUMBER

D02_08

Data [text]

Definition

The primary phone number of the Agency contact.

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

Field Values

A unique value; no variable list is possible.

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

Additional Information

- 10 digit telephone number

Uses

- 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	E00	Common Null Values
---------------------------------	------------	--------------------

AGENCY CONTACT FAX NUMBER

D02_09

Data [text]

Definition

The primary fax number of the Agency contact.

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

Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

Additional Information

- 10 digit telephone number

Uses

- 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 **E00** Common Null Value

AGENCY CONTACT EMAIL ADDRESS

D02_10

Data [text]

Definition

The primary email address of the Agency contact.

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>EmailAddress</i>
Multiple Entry Configuration	No	Accepts Null Values	Yes
Required in XSD	No	Minimum Constraint	2
		Maximum Constraint	100

Field Values

A unique value; no variable list is possible.

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

Uses

- 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	E00	Common Null Values
--------------------------	-----	--------------------

AGENCY MEDICAL DIRECTOR LAST NAME

D03_01

Data [text]**Definition**

The Last Name of the Agency's Medical Director

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DemographicLastName***Multiple Entry Configuration** No **Accepts Null Values** No**Required in XSD** No **Minimum Constraint** 2 **Maximum Constraint** 20

XSD Structure: D03_01, D03_02, and D03_03 are all members of D03_01_0 Agency Medical Director Name

Field Values

A unique value; no variable list is possible.

Uses

- Component of the EMS Medical Director's 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**D03_02** Agency Medical Director Middle Name/Initial**D03_03** Agency Medical Director First Name***** For New Jersey, Element Cannot Be Left Blank**

AGENCY MEDICAL DIRECTOR FIRST NAME

D03_03

Data [text]

Definition

The First Name of the Agency's Medical Director

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *FirstName*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD No **Minimum Constraint** 1 **Maximum Constraint** 20
 XSD Structure: D03_01, D03_02, and D03_03 are all members of D03_01_0 Agency Medical Director Name

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 Medical Director's 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 **D03_01** Agency Medical Director Last Name
D03_02 Agency Medical Director Middle Name/Initial **E00** Common Null Values

AGENCY MEDICAL DIRECTOR ADDRESS

D03_04

Data [text]

Definition

The street or mailing address of the Agency's medical director

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *StreetAddress*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 30

XSD Structure: D03_04, D03_05, D03_06, and D03_07 are all members of D03_04_0 Agency Medical Director Address

Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

Uses

- Component of the EMS Medical Director's 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	D03_01 Agency Medical Director Last Name
D03_05 Agency Medical Director City	D03_06 Agency Medical Director State
D03_07 Agency Medical Director Zip Code	E00 Common Null Values

AGENCY MEDICAL DIRECTOR CITY

D03_05

Data [combo] single-choice

Definition

The city of the Agency medical director's mailing address

XSD Data Type *xs:string***XSD Domain (Simple Type)** *City***Multiple Entry Configuration** No**Accepts Null Values** Yes**Required in XSD** No**Minimum Constraint** 2**Maximum Constraint** 30

XSD Structure: D03_04, D03_05, D03_06, and D03_07 are all members of D03_04_0 Agency Medical Director Address

Field Values

A unique value; no variable list is possible.

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

Additional Information

- 5 digit FIPS code
- Could be filled in from Zip Code entry (D03_07)

Uses

- Component of the EMS Medical Director's 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**D03_04** Agency Medical Director Address**D03_07** Agency Medical Director Zip Code**D03_01** Agency Medical Director Last Name**D03_06** Agency Medical Director State**E00** Common Null Values

AGENCY MEDICAL DIRECTOR STATE

D03_06

Data [combo] single-choice

Definition

The state of the Agency medical director's mailing address

XSD Data Type *xs:string***XSD Domain (Simple Type)** *State***Multiple Entry Configuration** No**Accepts Null Values** Yes**Required in XSD** No**Minimum Constraint** 2**Maximum Constraint** 3

XSD Structure: D03_04, D03_05, D03_06, and D03_07 are all members of D03_04_0 Agency Medical Director Address

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

Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Zip Code entry (D03_07)

Uses

- Component of the EMS Medical Director's 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**D03_01** Agency Medical Director Last Name**D03_04** Agency Medical Director Address**D03_05** Agency Medical Director City**D03_07** Agency Medical Director Zip Code**E00** Common Null Values

AGENCY MEDICAL DIRECTOR ZIP CODE

D03_07

Data [text]

Definition

The ZIP code of the Agency medical director's mailing address

XSD Data Type *xs:string*

XSD Domain (Simple Type) *DemographicZip*

Multiple Entry Configuration No

Accepts Null Values No

Required in XSD No

Minimum Constraint 5

Maximum Constraint 10

XSD Structure: D03_04, D03_05, D03_06, and D03_07 are all members of D03_04_0 Agency Medical Director Address

Field Values

A unique value; no variable list is possible.

Additional Information

- Can be a 5 or 9 digit Zip Code

Uses

- Component of the EMS Medical Director's 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

D03_01 Agency Medical Director Last Name

D03_04 Agency Medical Director Address

D03_05 Agency Medical Director City

D03_06 Agency Medical Director State

AGENCY MEDICAL DIRECTOR TELEPHONE NUMBER

D03_08

Data [text]

Definition

The primary phone number of the Agency's medical director

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

Field Values

A unique value; no variable list is possible.

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

Additional Information

- 10 digit telephone number

Uses

- Component of the EMS Medical Director's 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
E00 Common Null Values

D03_01 Agency Medical Director Last Name

AGENCY MEDICAL DIRECTOR FAX NUMBER

D03_09

Data [text]

Definition

The primary fax number of the Agency's medical director

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

Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

Additional Information

- 10 digit telephone number

Uses

- Component of the EMS Medical Director's 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

D03_01 Agency Medical Director Last Name

E00 Common Null Values

AGENCY MEDICAL DIRECTOR EMAIL ADDRESS

D03_11

Data [text]

Definition

The primary email address of the Agency's medical director

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>EmailAddress</i>
Multiple Entry Configuration	No	Accepts Null Values	Yes
Required in XSD	No	Minimum Constraint	2
		Maximum Constraint	100

Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

Uses

- Component of the EMS Medical Director's 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

D03_01 Agency Medical Director Last Name

E00 Common Null Values

PROCEDURES

D04_04

Data [combo] multiple-choice

Definition

A list of all procedures that the agency has implemented and available for use.

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *DemographicProcedure*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** No
Required in XSD No **Minimum Constraint** 0 **Maximum Constraint** 1,000
 XSD Structure: D04_04 and D04_05 are members of D04_04_0 Demographic Procedure Structure

Field Values

12 Lead ECG-Obtain	89.820	CPR-Start Rescue Breathing without Compressions	99.612
12 Lead ECG-Transmitted	89.821	CPR-Stop	99.615
Activation-Advanced Hazmat Specialty Service/Response Team	101.201	Decontamination	86.280
Activation-Fire Rehabilitation Specialty Service/Response Team	101.202	Defibrillation-Automated (AED)	99.621
Activation-Other Specialty Service/Response Team	101.203	Defibrillation-Manual	99.622
Activation-Rescue Specialty Service/Response Team	101.204	Defibrillation-Placement for Monitoring/Analysis	99.625
Activation-Social Services Notification/Referral	101.205	Escharotomy	86.090
Activation-Tactical or SWAT Specialty Service/Response Team	101.206	Extrication	100.200
Airway-Bagged (via BVMask)	93.931	Gastric Tube Insertion-Inserted Nasally	96.070
Airway-Bagged (via tube)	93.930	Gastric Tube Insertion-Inserted Orally	96.071
Airway-BiPAP	96.702	Injections-SQ/IM	99.290
Airway-Change Tracheostomy Tube	97.230	Intra-Aortic Balloon Pump Maintenance	37.611
Airway-Cleared, Opened, or Heimlich	98.130	Joint Reduction/Relocation	79.700
Airway-Combitube Blind Insertion Airway Device	96.051	Left Ventricular Assist Device Maintenance	37.612
Airway-CPAP	93.900	MAST	93.580
Airway-Direct Laryngoscopy	31.420	Orthostatic Blood Pressure Measurement	89.590
Airway-EOA/EGTA	96.030	Pain Measurement	89.702
Airway-Extubation	96.993	Patient Cooling (Cold Pack, etc.)	99.810
Airway-Foreign Body Removal	98.131	Patient Cooling-Post Resuscitation	99.811
Airway-Impedance Threshold Device	96.703	Patient Loaded	100.300
Airway-Intubation Confirm Colorimetric ETCO2	96.991	Patient Loaded-Helicopter Hot-Load	100.301
Airway-Intubation Confirm Esophageal Bulb	96.992	Patient Monitoring of Pre-existing Devices, Equipment, or Ongoing Medications	89.599
Airway-Intubation of Existing Tracheostomy Stoma	97.231	Patient Off-Loaded	100.302
Airway-King LT Blind Insertion Airway Device	96.053	Patient Off-Loaded Helicopter Hot Off-Load	100.303
Airway-Laryngeal Mask Blind Insertion Airway Device	96.052	Patient Warming (Hot Pack, etc.)	93.350
Airway-Nasal	96.010	Pericardiocentesis	37.000
Airway-Nasotracheal Intubation	96.041	Pulse Oximetry	89.392
Airway-Nebulizer Treatment	93.940	Rescue	100.100
Airway-Needle Cricothyrotomy	31.110	Restraints-Pharmacological	99.841

Airway-Oral	96.020	Restraints-Physical	99.842
Airway-Orotracheal Intubation	96.040	Specialty Center Activation-Adult Trauma	101.101
Airway-PEEP	96.790	Specialty Center Activation-Cardiac Arrest	101.103
Airway-Rapid Sequence Intubation	96.042	Specialty Center Activation-Pediatric Trauma	101.102
Airway-Respirator Operation (BLS)	93.910	Specialty Center Activation-STEMI	101.104
Airway-Suctioning	98.150	Specialty Center Activation-Stroke	101.105
Airway-Surgical Cricothyrotomy	31.120	Spinal Immobilization	93.591
Airway-Ventilator Operation	96.700	Splinting-Basic	93.540
Airway-Ventilator with PEEP	96.701	Splinting-Traction	93.450
Airway-Video Laryngoscopy	31.421	Temperature Measurement	89.703
Arterial Access-Blood Draw	38.910	Thrombolytic Screen	89.704
Arterial Line Maintenance	89.610	Urinary Catheterization	57.940
Assessment-Adult	89.700	Vagal Maneuver-Carotid Massage	99.640
Assessment-Pediatric	89.701	Vagal Maneuver-Valsalva or Other Vagal Maneuver (Not Carotid Massage)	99.641
Blood Glucose Analysis	38.995	Venous Access-Blood Draw	38.990
Capnography (CO2 Measurement)	89.391	Venous Access-Central Line Maintenance	89.620
Cardiac Monitor	89.510	Venous Access-Discontinue	39.997
Cardiac Pacing-External	99.624	Venous Access-Existing Catheter	38.991
Cardiac Pacing-Transvenous	99.626	Venous Access-External Jugular Line	38.993
Cardioversion	99.623	Venous Access-Extremity	38.992
Chest Decompression	34.041	Venous Access-Femoral Line	38.994
Chest Tube Placement	34.042	Venous Access-Internal Jugular Line	39.995
Childbirth	73.590	Venous Access-Intraosseous Adult	41.920
CNS Catheter-Epidural Maintenance	1.181	Venous Access-Intraosseous Pediatric	41.921
CNS Catheter-Intraventricular Maintenance	1.182	Venous Access-Subclavian Line	39.996
Contact Medical Control	101.500	Venous Access-Swan Ganz Maintenance	89.640
CPR by Other External Automated Device	99.601	Venous Access-Umbilical Vein Cannulation	39.998
CPR-AutoPulse Device	99.602	Wound Care-General	93.057
CPR-Mechanical Thumper Type Device	99.603	Wound Care-Hemostatic Agent	93.059
CPR-Precordial Thump Only	99.604	Wound Care-Irrigation	93.058
CPR-Start Compressions and Ventilations	99.600	Wound Care-Taser Barb Removal	93.055
CPR-Start Compressions only without Ventilation	99.611	Wound Care-Tourniquet	93.056

Additional Information

- A multiple-entry configuration with Personnel Level Permitted to use the Procedure (D04_05)
- If local systems have procedures which are not listed in the current values, additional procedures may be added using CPT codes from the ICD-9 standard. The CPT code should be stored and passed via the XML. This will allow expansion of the list to formally add new procedures over time
- Used to create a list box for Procedure (E19_03)

Uses

- Allows data to be sorted based on an agency's Procedure capabilities
- Provides descriptive information when combined with an EMS Agency's Billing Status
- Used to create a list box for Response to Procedure (E19_08)

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

D04_05

Personnel Level Permitted to Use the Procedure

References in NHTSA Version 1

Desirable Element 58 Time of First CPR

Desirable Element 63 Time of First Defibrillatory Shock

Essential Element 78 Procedure or Treatment 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

PROTOCOL

D04_08

Data [text] multiple-entry

Definition

A list of all of the medical treatment protocols that the agency has in place and available for use. Specific Adult or Pediatric Protocols should be mapped to one of these topics if possible.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DemographicProtocolsUsed*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** No
Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 30
 XSD Structure: D04_08 and D04_09 are members of D04_08_0 Demographic Protocol Structure
 XSD Attributes: Status (Active or In-active) and Date are included as attributes

Field Values

- | | |
|--|--|
| 6720 Abdominal Pain | 6730 Airway |
| 6740 Airway-Failed | 6760 Airway-RSI |
| 6770 Allergic Reaction/Anaphylaxis | 6780 Altered Mental Status |
| 6785 AltitudeSickness | 6790 Asystole |
| 6791 Atrial Fibrillation | 6800 Back Pain |
| 6810 Behavioral | 6820 Bites and Envenomations |
| 6830 Bradycardia | 6840 Burns |
| 6850 Cardiac Arrest | 6860 Cardiac Chest Pain |
| 6870 Childbirth/Labor | 6875 Cold Exposure |
| 6880 Dental Problems | 6881 Device Malfunction |
| 6885 Diarrhea | 6890 Drowning/Near Drowning |
| 6892 Diving Emergencies | 6900 Electrical Injuries |
| 6910 Epistaxis | 6911 Exposure-Airway Irritants |
| 6912 Exposure-Biological/Infectious | 6913 Exposure-Blistering Agents |
| 6914 Exposure-Cyanide | 6915 Exposure-Nerve Agents |
| 6916 Exposure-Radiologic Agents | 6917 Exposure-Riot Control Agents |
| 6920 Extremity Trauma | 6925 Eye Trauma |
| 6930 Fever | 6935 Gynecologic Emergencies |
| 6940 Head Trauma | 6945 Hyperglycemia |
| 6950 Hypertension | 6960 Hyperthermia |
| 6965 Hypoglycemia | 6970 Hypotension/Shock (Non-Trauma) |
| 6980 Hypothermia | 6990 IV Access |
| 7000 Trauma-Multisystem | 7010 Newly Born |
| 7020 Obstetrical Emergencies | 7030 Overdose/Toxic Ingestion |
| 7040 Pain Control | 7130 Post Resuscitation |
| 7140 Pulmonary Edema | 7150 Pulseless Electrical Activity |
| 7160 Respiratory Distress | 7170 Seizure |
| 7175 Spinal Cord Trauma | 7180 Spinal Immobilization |
| 7190 Supraventricular Tachycardia | 7200 Stroke/TIA |
| 7210 Syncope | 7214 Trauma-Arrest |
| 7215 Trauma-Amputation | 7220 Universal Patient Care |
| 7230 Ventricular Fibrillation | 7232 Ventricular Ectopy |
| 7240 Ventricular Tachycardia | 7251 Vomiting |

Additional Information

- Can be used as a qualifying measure to compare care provided to protocol guidance

- If local systems have protocols which are not listed in the current values, additional protocols may be added as a text name. The text value should be stored and passed via the XML. This will allow expansion of the list to formally add new procedures over time. Please map all existing protocols to these coded protocol subjects as much as possible.

Uses

- Allows data to be sorted based on an agency's Protocols
- Could be used to create a list box for Protocols Used (E17_01)
- Provides description of EMS Agency's capabilities
- 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

D04_09 Personnel Level Permitted to Use the Protocol

HOSPITAL FACILITY NUMBER

D04_12

Data [text]

Definition

The state assigned licensure number (code) for each Hospital Served (D04_11)

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *FacilityNumber*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes
Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 30
 XSD Structure: D04_11 and D04_12 are members of D04_11_0 Hospitals Served 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

Additional Information

- Multiple entry configuration to create a list box for Incident Facility Code (E08_08) and Destination Transferred to Code (E20_02)
- This field could also provide linkage to Hospitals Served (D04_11) which would allow a list box of Hospital Names to be used instead of entering the Code directly

Uses

- Could be used to create a list box (along with D04_14) for Incident Facility Code (E08_08) and Destination Transferred to Code (E20_02)

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 **D04_11** Hospitals Served
E00 Common Null Values

DESTINATION FACILITY NUMBER

D04_14

Data [text]

Definition

The state assigned licensure number (code) for each Other Destination (D04_13)

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *FacilityNumber*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes
Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 30
 XSD Structure: D04_13, D04_14 and D04_15 are members of D04_13_0 Other Destinations 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

Additional Information

- Multiple entry configuration to create a list box for Incident Facility Code (E8_08) and Destination Transferred to Code (E20_02)
- This field could also provide linkage to Other Destinations (D04_13) which would allow a list box of Other Destination Names to be used instead of entering the Code directly

Uses

- Allows data to be sorted or grouped based on the EMS transports destination type
- Could be used to create a list box (along with D04_12) for Incident Facility Code (E08_08) and Destination Transferred to Code (E20_02)

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 **D04_13** Other Destinations
D04_15 Destination Type **E00** Common Null Values

STATE/LICENSURE ID NUMBER

D07_02

Data [text]

Definition

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

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

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

Required in XSD **Yes** **Minimum Constraint** **2** **Maximum Constraint** **15**

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

Field Values

A unique value; no variable list is possible.

Additional Information

- This could be used to configure a list box which will display all of the values of an EMS Personnel's Name recorded in D08_01 through D08_03

Uses

- Allows data to be sorted or grouped based on an Individual's State ID
- Used to create a list box for Crew Member ID (E04_01), Medication Crew Member ID (E18_09), Procedure Crew Member ID (E19_09), and Who Generated this Report (E23_10)

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_03 Personnel's Employment Status

D07_05 Personnel's Level of Certification/Licensure for Agency

D08_01 EMS Personnel's Last Name

D07_01 Personnel's Agency ID Number

D07_04 Employment Status Date

D07_06 Date of Personnel's Certification or Licensure for Agency

References in NHTSA Version 1

Essential Element 26 Crew Member One Number

Essential Element 27 Crew Member Two Number

Desirable Element 28 Crew Member Three Number

PERSONNEL'S EMPLOYMENT STATUS

D07_03

Data [combo] single-choice

Definition

Personnel's Employment Status for this Agency

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

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) D07_03 and D07_04 are members of D07_03_0 Employment Status Structure

Field Values

7490 Full Time Paid Employee	7500 Full Time Unpaid Employee
7510 Part Time Paid and Part Time Unpaid Employee	7520 Part Time Paid Employee
7530 Part Time Unpaid Employee	

Additional Information

- Multiple entry configuration associated with Employment Status Date (D07_04)

Uses

- Allows data to be sorted or grouped based on an Individual's Employment Status
- Provides description of EMS agencies and resources

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_01 Personnel's Agency ID Number
D07_02 State/Licensure ID Number	D07_04 Employment Status Date
D07_05 Personnel's Level of Certification/Licensure for Agency	D07_06 Date of Personnel's Certification or Licensure for Agency

EMPLOYMENT STATUS DATE

D07_04

Data [date/time]

Definition

The date that the employee status was assigned

XSD Data Type *xs:date* **XSD Domain (Simple Type)** *Date*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** No
Required in XSD No **Minimum Constraint** 1,920 **Maximum Constraint** 2,030

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) D07_03 and D07_04 are members of D07_03_0 Employment Status Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Used to identify the effective date of the status

Uses

- Allows data to be sorted or grouped based on an Individual's Employment Status
- Provides description of EMS agencies and resources

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_01 Personnel's Agency ID Number
D07_02 State/Licensure ID Number	D07_03 Personnel's Employment Status
D07_05 Personnel's Level of Certification/Licensure for Agency	D07_06 Date of Personnel's Certification or Licensure for Agency

PERSONNEL'S LEVEL OF CERTIFICATION/LICENSURE FOR AGENCY

D07_05

Data [combo] single-choice**Definition**

Personnel's level of certification in this agency in the associated year

XSD Data Type *xs:string/integer* **XSD Domain (Simple Type)** *DemographicStateCertificationLicensureLevels***Multiple Entry Configuration** Yes, for Structures 1 and 3 **Accepts Null Values** No**Required in XSD** No **Minimum Constraint** 2 **Maximum Constraint** 30

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) D07_05 and D07_06 are members of D07_05_0 Level of Certification Structure

Field Values

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

Additional Information

- Multiple entry configuration for each Personnel's Agency ID Number (D07_01) and associated with the Date of Personnel's Certification or Licensure for Agency (D07_06)
- Other variables as defined in State Certification/ Licensure Level (D04_01)

Uses

- Allows data to be sorted or grouped based on an Individual's Credentialed Level
- Provides description of EMS agencies and resources

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_01 Personnel's Agency ID Number
D07_02 State/Licensure ID Number	D07_03 Personnel's Employment Status
D07_04 Employment Status Date	D07_06 Date of Personnel's Certification or Licensure for Agency

EMS PERSONNEL'S LAST NAME

D08_01

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 MIDDLE NAME/INITIAL

D08_02

Data [text]

Definition

Middle name or initial of personnel

XSD Data Type *xs:string***XSD Domain (Simple Type)** *MiddleInitialName***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.

-20 Not Recorded**-25** Not Applicable**-10** Not Known**-15** Not Reporting**-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_03** EMS Personnel's First Name

EMS PERSONNEL'S FIRST NAME

D08_03

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.

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

PATIENT CARE REPORT NUMBER

E01_01

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

E01_02

Data [text]*National Element*

Definition

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

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

E01_03

Data [text]*National Element*

Definition

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

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

E01_04

Data [text]*National Element*

Definition

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

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

E02_01

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

- 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

E02_04

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 *xs:integer* **XSD Domain (Simple Type)** *TypeOfServiceRequested*
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

E02_05

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 *xs:integer*

XSD Domain (Simple Type) *PrimaryRollOfTheUnit*

Multiple Entry Configuration No

Accepts Null Values No

Required in XSD Yes

Field Values

60 Non-Transport

65 Rescue

70 Supervisor

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

E02_06

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

E02_07

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	125 Crowd
130 Directions	135 Distance
140 Diversion	145 HazMat
150 None	155 Other
160 Safety	165 Staff Delay
170 Traffic	175 Vehicle Crash
180 Vehicle Failure	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

E02_08

Data [combo] multiple-choice*National Element*

Definition

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

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

Field Values

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

E02_09

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

E02_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/VEHICLE NUMBER

E02_11

Data [combo] single-choice

Definition

The unique physical vehicle number of the responding unit

XSD Data Type *xs:string***XSD Domain (Simple Type)** *EMSUnitNumber***Multiple Entry Configuration** No**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

- List box created from EMS Unit/Vehicle Number (D06_01)

Uses

- A component of the EMS Medical Record: Patient Care Report
- 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

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

References in NHTSA Version 1

Essential Element 24 Agency/Unit Number

EMS UNIT CALL SIGN (RADIO NUMBER)

E02_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

E02_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)** *Response Mode To Scene***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

E03_01

Data [combo] single-choice

National Element

Definition

The complaint dispatch reported to the responding unit.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ComplaintReportedByDispatch*
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 Electrocutation |
| 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

E03_02

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

CREW MEMBER ID

E04_01

Data [text]

Definition

The State Certification/Licensure ID number assigned to the crew member

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *CrewMemberID*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes
Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 15
XSD Structure: E04_01, E04_02, E04_03 are all members of the E04 Unit Personnel Information structure

Field Values

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

Additional Information

- A multiple entry configuration to allow all crew members to be entered
- Linked to State/Licensure ID Number (D07_02)
- List box created from the State/ Licensure ID Number (D07_02) which could display the Personnel's Names as associated with D08_01, D08_02, and D08_03 for easy data entry

Uses

- A component of the EMS Medical Record: Patient Care Report
- Associates an EMS event with specific EMS personnel
- Useful for reporting EMS personnel statistics related to EMS events and evaluation of EMS personnel performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number
E04_02 Crew Member Role **E04_03** Crew Member Level

References in NHTSA Version 1

Essential Element 26 Crew Member One Number
Essential Element 27 Crew Member Two Number
Desirable Element 28 Crew Member Three Number

CREW MEMBER ROLE

E04_02

Data [combo] single-choice

Definition

The role of the crew member during transport of this call.

- Driver is defined as the driver during the time of patient transport or during the response if there was not transport required.
- Primary Patient Care Giver is defined as the individual responsible for the patient care during the transport of the patient, or if no transport, the individual responsible for the assessment and treatment of the patient on scene.
- Secondary Patient Care Giver is defined as the individual assisting the Primary Patient Care Giver.
- Third Patient Care Giver is defined as the individual assisting in the Primary and Secondary Patient Care Givers.

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *CrewMemberRole*

Multiple Entry Configuration Yes, via structure

Accepts Null Values Yes

Required in XSD No

XSD Structure: E04_01, E04_02, E04_03 are all members of the E04 Unit Personnel Information structure

Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	580 Driver
585 Primary Patient Caregiver	590 Secondary Patient Caregiver
595 Third Patient Caregiver	600 Other

Uses

- A component of the EMS Medical Record: Patient Care Report
- Associates an EMS event with specific EMS personnel
- Useful for reporting EMS personnel statistics related to EMS events and evaluation of EMS personnel performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E04_01 Crew Member ID

E04_03 Crew Member Level

CREW MEMBER LEVEL

E04_03

Data [combo] single-choice

Definition

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

XSD Data Type *xs:string/integer* **XSD Domain (Simple Type)** *CrewMemberLevel*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes
Required in XSD No

XSD Structure: E04_01, E04_02, E04_03 are all members of the E04 Unit Personnel Information structure

Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	635 Student
640 Other Healthcare Professional	645 Other Non-Healthcare Professional
6090 EMT-Basic	6100 EMT-Intermediate
6110 EMT-Paramedic	6111 Nurse
6112 Physician	6120 First Responder

Additional Information

- Could be auto-filled using Crew Member ID (E04_01) and connecting to State/ Licensure ID Number (D07_02) to obtain Personnel's Highest Level of Certification/ Licensure for Agency (D07_05)
- This list can be edited by each state to account for additional certification/ licensure levels as defined in (D04_01) and Personnel's Highest Level of Certification/ Licensure for the Agency (D07_05)

Uses

- A component of the EMS Medical Record: Patient Care Report
- Associates an EMS event with specific EMS personnel
- Useful for reporting EMS personnel statistics related to EMS events and evaluation of EMS personnel performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E04_01 Crew Member ID	E04_02 Crew Member Role

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

INCIDENT OR ONSET DATE/TIME

E05_01

Data [date/time]

Definition

The date/time the injury occurred, or the date/time the symptoms or problem started

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** No**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

- Important to identify when the clinical event started to better analyze EMS resource utilization and outcomes
- Provides descriptive information on the use of the EMS agency

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

Desirable Element 06 Onset Date

Desirable Element 07 Onset Time

References to Other Databases

- NFIRS 5.0 Basic Module 1; Title: Incident Date; Date Field defined as YYYYMMDD or blank

PSAP CALL DATE/TIME

E05_02

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

DISPATCH NOTIFIED DATE/TIME

E05_03

Data [date/time]

Definition

The date/time dispatch was notified by the 911 call taker (if a separate entity)

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** No**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 information on how EMS requests are progressing through the PSAP and Dispatch Centers
- Used in the Quality Management evaluation of the PSAP and Dispatch Centers

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 10 Time Dispatch Notified

UNIT NOTIFIED BY DISPATCH DATE/TIME

E05_04

Data [date/time]

National Element

Definition

The date the responding unit was notified by dispatch

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
- 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

***** For New Jersey, Element Cannot Be Left Blank**

UNIT EN ROUTE DATE/TIME

E05_05

Data [date/time]*National Element*

Definition

The date/time the unit responded; that is, the time the vehicle started 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 13 Time Unit Responding

***** For New Jersey, Element Cannot Be Left Blank**

UNIT ARRIVED ON SCENE DATE/TIME

E05_06

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

***** For New Jersey, Element Cannot Be Left Blank**

ARRIVED AT PATIENT DATE/TIME

E05_07

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
empty**Accepts Null Values** Yes, but null value is blank or**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

E05_09

Data [date/time]

National Element

Definition

The date/time the responding unit left the scene (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 16 Time Unit Left Scene

***** For New Jersey, Element Cannot Be Left Blank**

PATIENT ARRIVED AT DESTINATION DATE/TIME

E05_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**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 17 Time of Arrival at Destination

***** For New Jersey, Element Cannot Be Left Blank**

UNIT BACK IN SERVICE DATE/TIME

E05_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 CANCELLED DATE/TIME

E05_12

Data [date/time]

Definition

The date/time if the unit's call was cancelled

XSD Data Type *xs:dateTime***XSD Domain (Simple Type)** *DateTime***Multiple Entry Configuration** No
empty**Accepts Null Values** Yes, but null value is blank or**Required in XSD** No**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 for reports to be generated better evaluating EMS response and usage patterns

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

UNIT BACK AT HOME LOCATION DATE/TIME

E05_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 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

- 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

LAST NAME

E06_01

Data [text]

Definition

The patient's last (family) name

XSD Data Type *xs:string***XSD Domain (Simple Type)** *LastName***Multiple Entry Configuration** No**Accepts Null Values** Yes**Required in XSD** No**Minimum Constraint** 2**Maximum Constraint** 20

XSD Structure: E06_01, E06_02, and E06_03 are all members of the E06_01_0 Patient Name Structure

Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

Additional Information

- Local Policy should dictate how Last Name and First Name should be created if Unknown

Uses

- Allows a patient's information to be stored and retrieved by Name
- 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_02** First Name**E06_03** Middle Initial/Name

References in NHTSA Version 1

Essential Element 32 Patient Name

***** For New Jersey, Element Cannot Be Left Blank**

FIRST NAME

E06_02

Data [text]

Definition

The patient's first (given) name

XSD Data Type *xs:string***XSD Domain (Simple Type)** *FirstName***Multiple Entry Configuration** No**Accepts Null Values** Yes**Required in XSD** No**Minimum Constraint** 1**Maximum Constraint** 20

XSD Structure: E06_01, E06_02, and E06_03 are all members of the E06_01_0 Patient Name Structure

Field Values

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

Additional Information

- Local Policy should dictate how Last Name and First Name should be created if Unknown

Uses

- Allows a patient's information to be stored and retrieved by Name
- 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_03** Middle Initial/Name

References in NHTSA Version 1

Essential Element 32 Patient Name

***** For New Jersey, Element Cannot Be Left Blank**

MIDDLE INITIAL/NAME

E06_03

Data [text]

Definition

The patient's middle name, if any

XSD Data Type *xs:string***XSD Domain (Simple Type)** *MiddleInitialName***Multiple Entry Configuration** No**Accepts Null Values** Yes**Required in XSD** No**Minimum Constraint** 1**Maximum Constraint** 20

XSD Structure: E06_01, E06_02, and E06_03 are all members of the E06_01_0 Patient Name Structure

Field Values

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

Additional Information

- Local Policy should dictate how Last Name and First Name should be created if Unknown

Uses

- Allows a patient's information to be stored and retrieved by Name
- 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_02** First Name

References in NHTSA Version 1

Essential Element 32 Patient Name

PATIENT'S HOME ADDRESS

E06_04

Data [text]

Definition

The patient's home mailing or street address

XSD Data Type *xs:string*

XSD Domain (Simple Type) *StreetAddress*

Multiple Entry Configuration No

Accepts Null Values Yes

Required in XSD No

Minimum Constraint 2

Maximum Constraint 30

XSD Structure: E06_04, E06_05, E06_06, 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

Uses

- 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_05 Patient's Home City

E06_06 Patient's Home County

E06_07 Patient's Home State

E06_08 Patient's Home Zip Code

References in NHTSA Version 1

Desirable Element 33 Patient Street Address

***** For New Jersey, Element Cannot Be Left Blank**

PATIENT'S HOME CITY

E06_05

Data [combo] single-choice

Definition

The patient's home city or township or residence

XSD Data Type *xs:string***XSD Domain (Simple Type)** *City***Multiple Entry Configuration** No**Accepts Null Values** Yes**Required in XSD** No**Minimum Constraint** 2**Maximum Constraint** 30

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

- 5 digit FIPS Code
- Could be filled in from Patient's Home Zip (E06_08)

Uses

- 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_06** Patient's Home County**E06_07** Patient's Home State**E06_08** Patient's Home Zip Code

References in NHTSA Version 1

Desirable Element 34 City of Residence

***** For New Jersey, Element Cannot Be Left Blank**

PATIENT'S HOME STATE

E06_07

Data [combo] single-choice

Definition

The patient's home state, territory, or province, or District of Columbia, where the patient resides

XSD Data Type *xs:string*

XSD Domain (Simple Type) *State*

Multiple Entry Configuration No

Accepts Null Values Yes

Required in XSD No

Minimum Constraint 2

Maximum Constraint 3

XSD Structure: E06_04, E06_05, E06_06, 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

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Patient's Home Zip (E06_08)

Uses

- 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_08 Patient's Home Zip Code

References in NHTSA Version 1

Desirable Element 36 State of Residence

***** For New Jersey, Element Cannot Be Left Blank**

PATIENT'S HOME ZIP CODE

E06_08

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

***** For New Jersey, Element Cannot Be Left Blank**

SOCIAL SECURITY NUMBER

E06_10

Data [number]

Definition

The patient's social security number

XSD Data Type *xs:string*

XSD Domain (Simple Type) *SocialSecurityNumber*

Multiple Entry Configuration No

Accepts Null Values Yes

Required in XSD No

Minimum Constraint 2

Maximum Constraint 9

Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

Uses

- Key component of an EMS Medical Record

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

Desirable Element 39 Social Security Number

GENDER

E06_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**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**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

***** For New Jersey, Element Cannot Be Left Blank**

RACE

E06_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

E06_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

E06_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.

***** For New Jersey, Element Cannot Be Left Blank**

AGE UNITS

E06_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

DATE OF BIRTH

E06_16

Data [date]

Definition

The patient's date of birth

XSD Data Type *xs:date***XSD Domain (Simple Type)** *DateOfBirth***Multiple Entry Configuration** No**Accepts Null Values** No**Required in XSD** No**Minimum Constraint** 1,890 **Maximum Constraint** 2,030

Field Values

Uses

- Key component of an EMS Medical Record
- Provides important information which will allow EMS data to be sorted, grouped and evaluated by age demographics

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

References in NHTSA Version 1

Essential Element 40 Date of Birth

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Date of Birth; The date of birth of the patient in MMDDYYYY format.

PRIMARY METHOD OF PAYMENT

E07_01

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**730** Medicare**735** Not Billed (for any reason)**740** Other Government**745** Self Pay**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**E01_01** Patient Care Report Number**E06_01** Last Name

CMS SERVICE LEVEL

E07_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

E07_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)	8003 Abnormal Cardiac Rhythm/Cardiac Dysrhythmia (ALS-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)	8011 Cardiac Arrest-Resuscitation in Progress (ALS-427.5)
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) (ALS-785.1)	8021 Cardiac Symptoms other than Chest Pain (atypical pain) (ALS-536.2)
8022 Heat Exposure (ALS-992.5)	8023 Heat Exposure (BLS-992.2)
8024 Hemorrhage (ALS-459.0)	8025 Infectious Diseases requiring Isolation/Public Health Risk (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)	8031 Back Pain (non-traumatic possible cardiac or vascular) (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)	8037 Pregnancy Complication/Childbirth/Labor (ALS-650.0)
8038 Psychiatric/Behavioral (abnormal mental status) (ALS-292.9)	8039 Psychiatric/Behavioral (threat to self or others) (BLS-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 Electrocution (ALS-994.8)	8057 Near Drowning (ALS-994.1)

- 8058** Eye Injuries (BLS-921.9)
- 8060** Sexual Assault (minor injuries) (BLS-995.8)
- 8062** Advanced Airway Management (ALS-518.81)
- 8064** Chemical Restraint (ALS-293.0)
- 8066** Airway Control/Positioning Required (BLS-786.09)
- 8068** Patient Safety (restraints required) (BLS-298.9)
- 8070** Patient Safety (seclusion required) (BLS-298.8)
- 8072** Special Handling (Isolation) (BLS-041.9)
- 8074** Special Handling (positioning required) (BLS-719.45)
- 8059** Sexual Assault (major injuries) (ALS-995.83)
- 8061** Cardiac/Hemodynamic Monitoring Required (ALS-428.9)
- 8063** IV Meds Required (ALS-No ICD code provided)
- 8065** Suctioning/Oxygen/IV fluids required (BLS-496.0)
- 8067** Third Party Assistance/Attendant Required (BLS-496.0)
- 8069** Patient Safety (monitoring required) (BLS-293.1)
- 8071** Patient Safety (risk of falling off stretcher) (BLS-781.3)
- 8073** Special Handling (orthopedic device required) (BLS-907.2)

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 |

NUMBER OF PATIENTS AT SCENE

E08_05

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

E08_06

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

E08_07

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)	1175 Health Care Facility (clinic, hospital, nursing home)
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

SCENE GPS LOCATION

E08_10

Data [text]

Definition

The GPS coordinates associated with the Scene.

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *GPSLocation*
Multiple Entry Configuration No **Accepts Null Values** No
Required in XSD No

XSD Attributes: Latitude and Longitude are each stored as a separate attribute

Field Values

Uses

- Important for grouping or comparing data by Scene location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response 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

E01_01 Patient Care Report Number **E08_07** Incident Location Type

INCIDENT ADDRESS

E08_11

Data [text]

Definition

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

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *StreetAddress*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 30
 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
- Important for grouping or comparing data by Scene location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response 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
E08_07 Incident Location Type	E08_12 Incident City
E08_14 Incident State	E08_15 Incident ZIP Code

References in NHTSA Version 1

Essential Element 01 Incident Address

INCIDENT CITY

E08_12

Data [combo] single-choice

Definition

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

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *City*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 30
 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	

Additional Information

- 5 digit FIPS Code
- Could be filled in from Incident Zip Code entry (E08_15)

Uses

- A component of the EMS Medical Record: Patient Care Report
- Important for grouping or comparing data by Scene location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response 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
E08_07 Incident Location Type	E08_11 Incident Address
E08_14 Incident State	E08_15 Incident ZIP Code

References in NHTSA Version 1

Essential Element 02 Incident City

INCIDENT COUNTY

E08_13

Data [combo] single-choice

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>County</i>
Multiple Entry Configuration No	Accepts Null Values Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 5

Field Values

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

Additional Information

- Could be filled in from Incident Zip Code entry (E08_15)
- 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
- Stored as a FIPS code

Uses

- A component of the EMS Medical Record: Patient Care Report
- Important for grouping or comparing data by Scene location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response 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
E08_07 Incident Location Type	

References in NHTSA Version 1

Essential Element 03 Incident County

INCIDENT STATE

E08_14

Data [combo] single-choice

Definition

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

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *State*
Multiple Entry Configuration No **Accepts Null Values** Yes
Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 3
 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	

Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Incident Zip Code entry (E08_15)

Uses

- A component of the EMS Medical Record: Patient Care Report
- Important for grouping or comparing data by Scene location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response 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
E08_07 Incident Location Type	E08_11 Incident Address
E08_12 Incident City	E08_15 Incident ZIP Code

References in NHTSA Version 1

Essential Element 04 Incident State

References to Other Databases

- NFIRS 5.0 Basic Module 1; Title: State; 2 digit FIPS; Text Field Size = 2

INCIDENT ZIP CODE

E08_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

E09_01

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

E09_02

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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>PriorAidPerformedBy</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	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

E09_03

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

1220 Improved

1225 Unchanged

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

POSSIBLE INJURY

E09_04

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

E09_05

Data [text]

Definition

The statement of the problem by the patient or the history provider in one or two words

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>ChiefComplaintNarrative</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 | |

Uses

- Allows data to be sorted based on the use of EMS Chief Complaint
- Allows data to describe EMS services delivered based on the EMS patient's chief complaint
- Important for an EMS Medical Record

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 48 Chief Complaint

CHIEF COMPLAINT ANATOMIC LOCATION

E09_11

Data [combo] single-choice*National Element*

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ComplaintAnatomicLocation</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	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
-------------------------------	--

CHIEF COMPLAINT ORGAN SYSTEM

E09_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

E09_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

E09_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 **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 | 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

E09_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	1675 785.59- Hypovolemia / shock
1680 987.90- Inhalation injury (toxic gas)	1685 798.99- Obvious death
1690 977.90- Poisoning / drug ingestion	1695 659.90- Pregnancy / OB delivery
1700 786.09- Respiratory distress	1705 799.10- Respiratory arrest
1710 780.30- Seizure	1715 959.90- Sexual assault / rape
1720 987.90- Smoke inhalation	1725 989.50- Stings / venomous bites
1730 436.00- Stroke / CVA	1735 780.20- Syncope / fainting
1740 959.90- Traumatic injury	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, Electrocutation = 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

***** For New Jersey, Element Cannot Be Left Blank**

PROVIDER'S SECONDARY IMPRESSION

E09_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- Electrocutation | 1800 780.60- Hyperthermia |
| 1805 780.90- Hypothermia | 1810 785.59- Hypovolemia / shock |
| 1815 987.90- Inhalation injury (toxic gas) | 1820 798.99- Obvious death |
| 1825 977.90- Poisoning / drug ingestion | 1830 659.90- Pregnancy / OB delivery |
| 1835 786.09- Respiratory distress | 1840 799.10- Respiratory arrest |
| 1845 780.30- Seizure | 1850 959.90- Sexual assault / rape |
| 1855 987.90- Smoke inhalation | 1860 989.50- Stings / venomous bites |
| 1865 436.00- Stroke / CVA | 1870 780.20- Syncope / fainting |
| 1875 959.90- Traumatic injury | 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_01

Data [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *CauseOfInjury*
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, E 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

MECHANISM OF INJURY

E10_03

Data [combo] multiple-choice

Definition

The mechanism of the event which caused the injury.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MechanismOfInjury*
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	2035 Blunt
2040 Burn	2045 Other
2050 Penetrating	

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

Other Associated Elements

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

VEHICULAR INJURY INDICATORS

E10_04

Data [combo] multiple-choice

Definition

The kind of risk factor predictors associated with the vehicle involved in the incident

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *VehicularInjuryIndicators*
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	2055 Dash Deformity
2060 DOA Same Vehicle	2065 Ejection
2070 Fire	2075 Rollover/Roof Deformity
2080 Side Post Deformity	2085 Space Intrusion >1 foot
2090 Steering Wheel Deformity	2095 Windshield Spider/Star

Additional Information

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

Uses

- A component of the EMS Medical Record: Patient Care Report
- 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

CARDIAC ARREST

E11_01

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_02

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	2250 Presumed Cardiac
2255 Trauma	2260 Drowning
2265 Respiratory	2270 Electrocutation
2275 Other	

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_03

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

ARREST WITNESSED BY

E11_04

Data [combo] single-choice

Definition

Indication of who the cardiac arrest was witnessed by

XSD Data Type *xs:integer***XSD Domain (Simple Type)** *ArrestWitnessedBy***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**2310** Witnessed by Healthcare Provider**2315** Witnessed by Lay Person**2320** Not Witnessed

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 Witnessed or Un-Witnessed Arrest which is a known key element associated with Cardiac Arrest Outcome
- 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 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 62 Witness of Cardiac Arrest

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Pre-Arrival Details; Pick-List: Witnessed = 1, Bystander CPR = 2
- UTSTEIN Title: Arrest Witnessed/Monitored; [combo] Lay Person = L, Healthcare Provider = H

FIRST MONITORED RHYTHM OF THE PATIENT

E11_05

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 Rhythm

ANY RETURN OF SPONTANEOUS CIRCULATION

E11_06

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

BARRIERS TO PATIENT CARE

E12_01

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

RUN REPORT NARRATIVE

E13_01

Data [text]

Definition

The narrative of the run report

XSD Data Type *xs:string*

XSD Domain (Simple Type) *RunReportNarrative*

Multiple Entry Configuration No

Accepts Null Values Yes

Required in XSD No

Minimum Constraint 2 **Maximum Constraint** 4,000

Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

Additional Information

- Large capacity text field such as a “memo” or equivalent

Uses

- Part of an EMS Medical Record

Data Collector

- EMS personnel but could be auto-generated based on the information entered into an electronic patient care report

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

DATE/TIME VITAL SIGNS TAKEN

E14_01

Data [date/time]

Definition

Date/Time Vital Signs Taken

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

XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time

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
- Multiple Entry Configuration to allow multiple sets of Vital Signs

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel or may be provided electronically through a medical device

Other Associated Elements

E01_01 Patient Care Report Number

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Patient Pulse; Presence of a Pulse at the time of patient transfer to another service.; Pick-List: Pulse on Transfer = 1, No; Pulse of Transfer = 2

***** For New Jersey, Element Cannot Be Left Blank**

OBTAINED PRIOR TO THIS UNITS EMS CARE

E14_02

Data [combo] single-choice

Definition

Indicates that the information which is documented was obtained prior to the EMS unit's care creting this patient care report

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

XSD Structure: Each element is section E14 is associated with a E14_01 Date/Time

Field Values

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

Additional Information

- If E14_02 is "Yes", the Date/Time Vital Signs Taken (E14_01) is not required

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- 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
E14_01 Date/Time Vital Signs Taken

CARDIAC RHYTHM

E14_03

Data [combo] multiple-choice

Definition

The initial cardiac rhythm of the patient as interpreted by EMS personnel

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

Required in XSD No

XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time

Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3005 12 Lead ECG-Anterior Ischemia
3010 12 Lead ECG-Inferior Ischemia	3015 12 Lead ECG-Lateral Ischemia
3020 Agonal/Idioventricular	3025 Artifact
3030 Asystole	3035 Atrial Fibrillation/Flutter
3040 AV Block-1st Degree	3045 AV Block-2nd Degree-Type 1
3050 AV Block-2nd Degree-Type 2	3055 AV Block-3rd Degree
3060 Junctional	3065 Left Bundle Branch Block
3070 Normal Sinus Rhythm	3075 Other
3080 Paced Rhythm	3085 PEA
3090 Premature Atrial Contractions	3095 Premature Ventricular Contractions
3100 Right Bundle Branch Block	3105 Sinus Arrhythmia
3110 Sinus Bradycardia	3115 Sinus Tachycardia
3120 Supraventricular Tachycardia	3125 Torsades De Points
3130 Unknown AED Non-Shockable Rhythm	3135 Unknown AED Shockable Rhythm
3140 Ventricular Fibrillation	3145 Ventricular Tachycardia

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel or may be provided electronically through a medical device

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number
E14_01 Date/Time Vital Signs Taken

References in NHTSA Version 1

Desirable Element 66 Initial Cardiac Rhythm

SBP (SYSTOLIC BLOOD PRESSURE)

E14_04

Data [number]

Definition

The patient's systolic blood pressure

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *SBP***Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes, but null value is blank or empty**Required in XSD** No **Minimum Constraint** 0 **Maximum Constraint** 400

XSD Structure: (1) Each element in section E14 is associated with a E14_01 Date/Time. (2) E14_04, E14_05, and E14_06 are all members of E14_04_0 Blood Pressure Structure

Field Values

Additional Information

- Could be collected from Device Systolic Blood Pressure (E21_14)

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel or may be provided electronically through a medical device

Other Associated Elements

E01_01 Patient Care Report Number**E14_01** Date/Time Vital Signs Taken**E14_05** DBP (Diastolic Blood Pressure)**E14_06** Method of Blood Pressure Measurement

References in NHTSA Version 1

Essential Element 70 Systolic Blood Pressure

***** For New Jersey, Element Cannot Be Left Blank**

DBP (DIASTOLIC BLOOD PRESSURE)

E14_05

Data [number]

Definition

The patient's diastolic blood pressure

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DBP***Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes, but null value is blank or empty**Required in XSD** No **Minimum Constraint** 0 **Maximum Constraint** 200

XSD Structure: (1) Each element in section E14 is associated with a E14_01 Date/Time. (2) E14_04, E14_05, and E14_06 are all members of E14_04_0 Blood Pressure Structure

Field Values

Additional Information

- Could be collected from Device Diastolic Blood Pressure (E21_15)

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel or may be provided electronically through a medical device

Other Associated Elements

E01_01 Patient Care Report Number**E14_01** Date/Time Vital Signs Taken**E14_04** SBP (Systolic Blood Pressure)**E14_06** Method of Blood Pressure Measurement

References in NHTSA Version 1

Essential Element 71 Diastolic Blood Pressure

***** For New Jersey, Element Cannot Be Left Blank**

PULSE RATE

E14_07

Data Format [number]**Data** [number]

Definition

The patient's pulse rate, palpated or auscultated, expressed as a number per minute

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PulseRate***Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes, but null value is blank or empty**Required in XSD** No **Minimum Constraint** 0 **Maximum Constraint** 500

XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time

Field Values

Additional Information

- Could be collected from Device Pulse Rate (E21_13)

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel or may be provided electronically through a medical device

Other Associated Elements

E01_01 Patient Care Report Number**E14_01** Date/Time Vital Signs Taken

References in NHTSA Version 1

Essential Element 65 Pulse Rate

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Patient Pulse; Presence of a Pulse at the time of patient transfer to another service.; Pick-List: Pulse on Transfer = 1, No; Pulse of Transfer = 2

***** For New Jersey, Element Cannot Be Left Blank**

PULSE OXIMETRY

E14_09

Data [number]

Definition

The patient's oxygen saturation

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

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

Required in XSD No **Minimum Constraint** 0 **Maximum Constraint** 100

XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time

Field Values

Additional Information

- Could be collected from Device Pulse Oximetry (E21_17)

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel or may be provided electronically through a medical device

Other Associated Elements

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

RESPIRATORY RATE

E14_11

Data [number]

Definition

The patient's respiratory rate expressed as a number per minute

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *RespiratoryRate*

Multiple Entry Configuration Yes, via structure

Accepts Null Values Yes, but null value is blank or empty

Required in XSD No

Minimum Constraint 0

Maximum Constraint 100

XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time

Field Values

Additional Information

- Could be collected from Device Respiratory Rate (E21_16)

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel or may be provided electronically through a medical device

Other Associated Elements

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

References in NHTSA Version 1

Essential Element 68 Respiratory Rate

***** For New Jersey, Element Cannot Be Left Blank**

RESPIRATORY EFFORT

E14_12

Data [text]

Definition

The patient's respiratory effort

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

XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time

Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3185 Normal
3190 Labored	3195 Fatigued
3200 Absent	3205 Not Assessed

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- 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
E14_01 Date/Time Vital Signs Taken

References in NHTSA Version 1

Desirable Element 69 Respiratory Effort

CARBON DIOXIDE

E14_13

Data [number]

Definition

The patient's end-tidal or other CO2 level.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** CO2

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

Required in XSD No **Minimum Constraint** 0 **Maximum Constraint** 100

XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time

Field Values

Additional Information

- Could be collected from Device CO2 or ETCO2 (E21_18)

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel or may be provided electronically through a medical device

Other Associated Elements

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

BLOOD GLUCOSE LEVEL

E14_14

Data [number]

Definition

The patient's blood glucose level

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *BloodGlucoseLevel***Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes, but null value is blank or empty**Required in XSD** No **Minimum Constraint** 0 **Maximum Constraint** 2,000

XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time

Field Values

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel or may be provided electronically through a medical device

Other Associated Elements

E01_01 Patient Care Report Number **E14_01** Date/Time Vital Signs Taken

TOTAL GLASGOW COMA SCORE

E14_19

Data [number]

Definition

The patient's total Glasgow Coma Score

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

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

Required in XSD No **Minimum Constraint** 1 **Maximum Constraint** 15

XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time

Field Values

Additional Information

- Calculated from Glasgow Coma Score-Eye (E14_15), Glasgow Coma Score-Verbal (E14_16), and Glasgow Coma Score-Motor (E14_17)

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel but could be auto-generated based on the information entered into an electronic patient care report

Other Associated Elements

E01_01 Patient Care Report Number

E14_15 Glasgow Coma Score-Eye

E14_17 Glasgow Coma Score-Motor

E14_01 Date/Time Vital Signs Taken

E14_16 Glasgow Coma Score-Verbal

E14_18 Glasgow Coma Score-Qualifier

References in NHTSA Version 1

Desirable Element 76 Glasgow Coma Score (Total)

LEVEL OF RESPONSIVENESS

E14_22

Data [combo] single-choice

Definition

The patients level of responsiveness

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

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

Required in XSD No

XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time

Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3255 Alert
3260 Verbal	3265 Painful
3270 Unresponsive	

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- 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
E14_01 Date/Time Vital Signs Taken	

PAIN SCALE

E14_23

Data [number]

Definition

The patient's indication of pain from a scale of 0 –10.

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

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

Required in XSD No **Minimum Constraint** 0 **Maximum Constraint** 10

XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time

Field Values

Additional Information

- Number from 0 to 10

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS agency

Other Associated Elements

E01_01 Patient Care Report Number **E14_01** Date/Time Vital Signs Taken

DATE/TIME MEDICATION ADMINISTERED

E18_01

Data [date/time]

Definition

The date/time medication administered to the patient

XSD Data Type *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

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

Required in XSD No **Minimum Constraint** 1,990 **Maximum Constraint** 2,030

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

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
- This is a multiple entry configuration which will allow multiple medication administrations to be documented

Uses

- 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

E01_01 Patient Care Report Number	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_08 Medication Complication
E18_09 Medication Crew Member ID	E18_10 Medication Authorization
E18_11 Medication Authorizing Physician	

MEDICATION ADMINISTERED PRIOR TO THIS UNITS EMS CARE

E18_02

Data [combo] single-choice**Definition**

Indicates that the medication administration which is documented was administered prior to this EMS unit's care.

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

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	0 No
1 Yes	

Additional Information

- If E18_02 is "Yes", the Date/Time Medication Administered (E18_01) is not required

Uses

- 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_03 Medication Given
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

MEDICATION GIVEN

E18_03

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 ADMINISTERED ROUTE

E18_04

Data [combo] single-choice

Definition

The route that the medication was administered to the patient.

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

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

Required in XSD No

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	4175 Endotracheal tube
4180 Gastrostomy tube	4185 Inhalation
4190 Intramuscular	4191 Intraosseous
4200 Intraocular	4205 Intravenous
4210 Nasal	4215 Nasal prongs
4220 Nasogastric	4225 Ophthalmic
4230 Oral	4235 Other/miscellaneous
4240 Otic	4245 Re-breather mask
4250 Rectal	4255 Subcutaneous
4260 Sublingual	4265 Topical
4270 Tracheostomy	4275 Transdermal
4280 Urethral	4285 Ventimask
4290 Wound	

Uses

- 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_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 to Other Databases

- **DEEDS** DEEDS/HL-7 Version 2.3; [combo] Apply externally = AP, Buccal = B, Dental = DT, Epidural = EP, Endotracheal tube = ET, Gastronomy tube = GTT, Genitourinary irrigant = GU, Intraarterial = IA, Intrabursal = IB, Intracardiac = IC, Intracervical (uterus) = IC

MEDICATION DOSAGE

E18_05

Data [number]

Definition

The dose or amount of medication given to the patient

XSD Data Type *xs:decimal*

XSD Domain (Simple Type) *MedicationDosage*

Multiple Entry Configuration Yes, via structure

Accepts Null Values No

Required in XSD No

Minimum Constraint 0

Maximum Constraint 1,000,000

XSD Structure: (1) All data elements section E18 are members of the E18 Medication Structure. (2) E18_05 and E18_06 are members of E18_05_0 Medication Dosing Structure

Field Values

Uses

- 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

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_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

MEDICATION DOSAGE UNITS

E18_06

Data [combo] single-choice

Definition

The units of medication dosage given to patient

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

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

Required in XSD No

XSD Structure: (1) All data elements section E18 are members of the E18 Medication Structure. (2) E18_05 and E18_06 are members of E18_05_0 Medication Dosing Structure

Field Values

4295 GMS	4300 Inches
4305 IU	4310 KVO (TKO)
4315 L/MIN	4320 LITERS
4325 LPM	4330 MCG
4335 MCG/KG/MIN	4340 MEQ
4345 MG	4350 MG/KG/MIN
4355 ML	4360 ML/HR
4365 Other	4370 Puffs

Uses

- 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

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_03 Medication Given	E18_04 Medication Administered Route
E18_05 Medication Dosage	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 to Other Databases

- DEEDS DEEDS/HL-7 Version 2.3

MEDICATION COMPLICATION

E18_08

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	E18_11 Medication Authorizing Physician

DATE/TIME PROCEDURE PERFORMED

E19_01

Data [date/time]

Definition

The date and time the procedure was performed on the patient

XSD Data Type *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

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

Required in XSD No **Minimum Constraint** 1,990 **Maximum Constraint** 2,030

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

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
- This is a multiple entry configuration which will allow for multiple procedures to be documented

Uses

- 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

E01_01 Patient Care Report Number	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_07 Procedure Complication	E19_08 Response to Procedure
E19_09 Procedure Crew Members ID	E19_10 Procedure Authorization
E19_11 Procedure Authorizing Physician	E19_12 Successful IV Site
E19_13 Tube Confirmation	E19_14 Destination Confirmation of Tube Placement

References in NHTSA Version 1

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

PROCEDURE PERFORMED PRIOR TO THIS UNITS EMS CARE

E19_02

Data [combo] single-choice

Definition

Indicates that the procedure which was performed and documented was performed prior to this EMS unit's care.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** Yes

Required in XSD No

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	

Additional Information

- If E19_02 is "Yes", the Date/Time Medication Administered (E19_01) is not required

Uses

- 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_03 Procedure
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

PROCEDURE

E19_03

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

NUMBER OF PROCEDURE ATTEMPTS

E19_05

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

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_06

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_04** Size of Procedure Equipment**E19_05** Number of Procedure Attempts**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 COMPLICATION

E19_07

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) **Accepts Null Values** **Yes**
 Yes for each E14_01
 Date/Time

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 |

RESPONSE TO PROCEDURE

E19_08

Data [combo] single-choice

Definition

The patient's response to the procedure

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

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	4600 Improved
4605 Unchanged	4610 Worse

Uses

- 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_07 Procedure Complication	E19_09 Procedure Crew Members ID
E19_10 Procedure Authorization	E19_11 Procedure Authorizing Physician

TUBE CONFIRMATION

E19_13

Data [combo] multiple-choice

Definition

Endotracheal Tube placement verification at the time the airway procedure was done

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *TubeConfirmation*

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	4735 Auscultation of Bilateral Breath Sounds
4740 Colormetric CO2 Detector Confirmation	4745 Digital CO2 Confirmation
4750 Esophageal Bulb Aspiration confirmation	4755 Negative Auscultation of the Epigastrium
4760 Visualization of the Chest Rising with ventilation	4765 Visualization of Tube Passing Through the Cords
4770 Waveform CO2 Confirmation	

Additional Information

- Associated with Procedure (E19_03) if Airway Procedure leads to Intubation

Uses

- 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

DESTINATION CONFIRMATION OF TUBE PLACEMENT

E19_14

Data [combo] multiple-choice

Definition

Endotracheal Tube location verification on the arrival at the Destination (if applicable)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DestinationConfirmationOfTubePlacement*
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	4775 Auscultation of Bilateral Breath Sounds
4780 Colormetric CO2 Detector Confirmation	4785 Digital CO2 Confirmation
4790 Esophageal Bulb Aspiration confirmation	4795 Negative Auscultation of the Epigastrium
4800 Visualization of the Chest Rising with ventilation	4805 Visualization of Tube Passing Through the Cords
4810 Waveform CO2 Confirmation	

Additional Information

- Associated with Procedure (E19_03) if Airway Procedure leads to Intubation

Uses

- 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

DESTINATION/TRANSFERRED TO, NAME

E20_01

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/TRANSFERRED TO, CODE

E20_02

Data [text]**Definition**

The code of the destination the patient was delivered or transferred to, if present and available

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>DestinationTransferredToCode</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_12) and Other Destinations (D04_14)

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 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		

DESTINATION ZIP CODE

E20_07

Data [text]

National Element

Definition

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

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: 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**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**4955** Initial Lights and Sirens, Downgraded to No Lights or Sirens**4960** Initial No Lights or Sirens, Upgraded to Lights and Sirens**4965** Lights and Sirens**4970** No Lights or 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

CONDITION OF PATIENT AT DESTINATION

E20_15

Data [combo] single-choice

Definition

The condition of the patient after care by EMS

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ConditionOfPatientAtDestination*
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	4975 Improved
4980 Unchanged	4985 Worse

Uses

- Outcome indicator
- Part of an EMS Medical Record
- 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

References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Patient Status; The patient's status when transferred to another agency.; Pick-List: Improved = 1, Remained Same = 2, Worsened = 3

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	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	4990 Closest Facility (none below)
4995 Diversion	5000 Family Choice
5005 Insurance Status	5010 Law Enforcement Choice
5015 On-Line Medical Direction	5020 Other
5025 Patient Choice	5030 Patient's Physicians Choice
5035 Protocol	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_01

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 **E01_01** Patient Care Report Number

HOSPITAL DISPOSITION

E22_02

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

WHO GENERATED THIS REPORT?

E23_10

Data [text]

Definition

The statewide assigned ID number of the EMS crew member which completed this patient care report

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>CrewMemberID</i>
Multiple Entry Configuration	No	Accepts Null Values	Yes
Required in XSD	No	Minimum Constraint	2
		Maximum Constraint	15

Field Values

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

Additional Information

- Linked to State/Licensure ID Number (D07_02)
- List box created from the State/Licensure ID Number (D07_02) which could display the Personnel's Names as associated with D08_01, D08_02, and D08_03 for easy data entry

Uses

- Important for the Quality Management evaluation
- Part of an EMS Medical Record

Data Collector

- EMS personnel

Other Associated Elements

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

RESEARCH SURVEY FIELD TITLE

E23_11

Data [text]

Definition

A customizable field to be used by local agencies for additional documentation or research.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *ResearchTitle*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD **No** **Minimum Constraint** **2** **Maximum Constraint** **30**
XSD Structure: Elements E23_09 and E23_11 are members of E23_09_0 Research Data Structure

Field Values

Additional Information

- A multiple entry configuration to allow multiple Research Survey Fields

Uses

- Used by local EMS agencies to document issues which are specific to an agency or related to research or short term evaluation

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number**E23_09** Research Survey Field