National
Emergency
Medical
Services
Information
System

NEMSIS

NHTSA Version 2.2.1
Data Dictionary

Funded by
National Highway Traffic Safety Administration (NHTSA)
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WWW.NEMSIS.ORG

US Department of Transportation
National Highway Traffic Safety Administration (NHTSA)

NHTSA
Uniform Pre-Hospital
Emergency Medical Services (EMS)
Dataset

Version 2.2.1 (2006)

Final Documentation
and
Data Dictionary

WWW.NEMSIS.ORG

NHTSA Uniform PreHospital EMS Dataset Version 2.2.1

National EMS Information Agency Project (NEMSIS)
www.nemsis.org

In 1994, Version 1 of the National Highway Traffic Safety Administration's Uniform PreHospital EMS Dataset was created through a consensus based national data conference. The NHTSA Version 1 EMS dataset has been acknowledged as the national standard for the EMS industry. The Version 2.2.1 dataset was also created through a national consensus process to update and revise this standard.

The NHTSA EMS Uniform PreHospital Dataset, Version 2.2.1 is composed of three separate components. A Demographic Dataset provides a standardized set of definitions describing an EMS System. An EMS Dataset provides a standardized set of definitions describing an EMS event. The third component of the Version 2.2.1 standard is an XML format and definition created to promote the movement of the Version 2.2.1 data elements between data systems.

Any implementation of the NHTSA Version 2.2.1 dataset must include the use of the Demographic dataset, EMS dataset, and XML standard. This document provides over 400 definitions which can be implemented by an EMS system. The National EMS Information System Initiative (NEMSIS) serves to provide technical assistance for the implementation of the dataset. National data elements are defined which should be collected by a National EMS Database but additional data elements should be considered for use at the state and local levels depending on each state or local EMS systems need. The goal of NEMSIS is to establish an EMS data system at the local, state, and national levels. Please see www.nemsis.org for more information.

Information provided in this document includes the following:

- Name of the Data Element
- Definition of the Data Element
- Data Type of the Data Element (many data elements have comments provided to assist in the implementation of a database schema and the NHTSA Version 2 XML standard)
- How to deal with missing or incomplete information (See Missing Data or Null Values below)
- The Variables associated with each Data Element
- What Data Elements are associated with the Data Element (for example Date/Time Medication Administered is associated with each Medication Given Data Element)
- Whether the Data Element is part of the Data Elements to be collected in the National EMS Database (NDB)
- Whether the Data Element is part of the medical record information (Patient Care Report) or is a quality management Data Element to be used internally by the EMS system and protected by Peer Review.
- What Reports are possible through the use of the Data Element
- Who is responsible for collecting the Data Element
- How the Data Element is related to other National Data Tools such as NHTSA Version 1, NFIRS, and Utstein

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Appendix & Indices

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Agency General Information

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
5620 911 Response (Scene) without Transport Capability
5630 Air Medical
5640 Hazmat
5650 Medical Transport (Convalescent)
5660 Paramedic Intercept
5670 Rescue
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

OTHER TYPES OF SERVICE

D01_06

Data [combo] multiple-choice

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *OtherTypesOfService*
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
5690 911 Response (Scene) with Transport Capability
5700 911 Response (Scene) without Transport Capability
5710 Air Medical
5720 Hazmat
5730 Medical Transport (Convalescent)
5740 Paramedic Intercept
5750 Rescue
5760 Specialty Care Transport

Uses

- Important for grouping or comparing EMS Agencies
- 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
E00 Common Null Values

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** **100**

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
E02_01 EMS Agency Number

OTHER AGENCIES IN AREA

D01_11

Data [text] multiple-entry

Definition

All other EMS or First Responder Agencies, which are in the service area or are available for mutual aid

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *OtherAgenciesInArea*
Multiple Entry Configuration Yes **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**

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

- Can be used to create a list box for Other EMS Agencies at Scene (E08_01). This is the Agency Name, not the EMS Agency Number

Uses

- Populates information on other EMS resources available to an 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
E00 Common Null Values

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_10 Statistical Year
D01_12 Total Service Size Area
D01_13 Total Service Area Population
D01_15 EMS Dispatch Volume per Year
D01_16 EMS Transport Volume per Year
D01_17 EMS Patient Contact Volume per Year
D01_18 EMS Billable Calls per Year

EMS DISPATCH VOLUME PER YEAR

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_10 Statistical Year
D01_12 Total Service Size Area
D01_13 Total Service Area Population
D01_14 911 Call Volume per Year
D01_16 EMS Transport Volume per Year
D01_17 EMS Patient Contact Volume per Year
D01_18 EMS Billable Calls per Year

EMS TRANSPORT VOLUME PER YEAR

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 BILLABLE CALLS PER YEAR

D01_18

Data [number]

Definition

The number of EMS patient encounters which are billable for the calendar year

XSD Data Type *xs:positiveInteger* **XSD Domain (Simple Type)** *EMSBillableCallsYear*
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** **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 EMS Billable Calls/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_17 EMS Patient Contact Volume 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

EMS AGENCY DAYLIGHT SAVINGS TIME USE

D01_20

Data [text]

Definition

Indicate if the EMS Agency conforms to Daylight Savings Time

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

Field Values

0 No **1** Yes

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

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 Information

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
D02_03 Agency Contact First Name

AGENCY CONTACT MIDDLE NAME/INITIAL

D02_02

Data

[text]

Definition

The Middle Name or initial of the agency's primary contact.

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: 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_03 Agency Contact First Name
D02_01 Agency Contact Last Name
E00 Common Null Values

AGENCY CONTACT FIRST NAME

D02_03

Data

[text]

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 *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: 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_05 Agency Contact City
D02_06 Agency Contact State
D02_07 Agency Contact Zip Code
E00 Common Null Values

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_06 Agency Contact State
E00 Common Null Values
D02_04 Agency Contact Address
D02_07 Agency Contact Zip Code

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
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 *xs:string* **XSD Domain (Simple Type)** *TelephoneNumber*
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 Values

AGENCY CONTACT FAX NUMBER

D02_09

Data [text]

Definition

The primary fax number of the Agency contact.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *TelephoneNumber*
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 Values

AGENCY CONTACT EMAIL ADDRESS

D02_10

Data [text]

Definition

The primary email address of the Agency contact.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *EmailAddress*
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 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 WEB ADDRESS

D02_11

Data [text]

Definition

The primary website address (URL) of the agency.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *WebAddress*
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 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 Information

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

AGENCY MEDICAL DIRECTOR MIDDLE NAME/INITIAL

D03_02

Data

[text]

Definition

The Middle Name or Initial of the Agency's Medical Director

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: 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.

-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_03 Agency Medical Director First Name
E00 Common Null Values

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.

-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_02 Agency Medical Director Middle Name/Initial
D03_01 Agency Medical Director Last Name
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_05 Agency Medical Director City
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 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.

-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 (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_05 Agency Medical Director City
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
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_04 Agency Medical Director Address
D03_06 Agency Medical Director State
D03_01 Agency Medical Director Last Name
D03_05 Agency Medical Director City

AGENCY MEDICAL DIRECTOR TELEPHONE NUMBER

D03_08

Data [text]

Definition

The primary phone number of the Agency's medical director

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *TelephoneNumber*
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
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 *xs:string* **XSD Domain (Simple Type)** *TelephoneNumber*
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
E00 Common Null Values
D03_01 Agency Medical Director Last Name

AGENCY MEDICAL DIRECTOR'S MEDICAL SPECIALTY

D03_10

Data [combo] single-choice

Definition

The primary medical specialty of the Agency Medical Director

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *AgencyMedicalDirectorsMedicalSpecialty*
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
5980 Anesthesiology
5990 Cardiology
6000 Emergency Medicine
6010 Family Practice
6020 General Practice (not board certified)
6030 Internal Medicine
6040 Obstetrics and Gynecology
6050 Orthopedics
6060 Other
6070 Pediatrics
6080 Surgery

Uses

- Provides description of the Medical Direction of 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
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 *xs:string* **XSD Domain (Simple Type)** *EmailAddress*
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
E00 Common Null Values
D03_01 Agency Medical Director Last Name

Agency Configuration Information

STATE CERTIFICATION LICENSURE LEVELS

D04_01

Data [combo] multiple-choice

Definition

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

XSD Data Type *xs:string/integer* **XSD Domain (Simple Type)** *DemographicStateCertificationLicensureLevels*
Multiple Entry Configuration Yes **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **30**
XSD Structure: D04_01 is a member of D04_01_0 Demographic State Certification Licensure Levels
XSD Attributes: Status (Active or In-active) and Date are included as attributes

Field Values

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

Additional Information

- Additional EMS Certification Licensure Levels may be added by each state if a level exists in the state different than the provided variables. If an additional level is added, the new variable should be stored and passed in the xml in text format providing the name of the level
- Multiple entry configuration to create a list box for Level of Service (D01_07), Crew Member Level (E04_03), Personnel Level of Vehicle Crew (D06_04), Personnel's Highest Level of Certification/Licensure for Agency (D07_05), and State EMS Certification/Licensure Level (D08_15)
- Other levels should be entered here as per state rules and regulations

Uses

- Allows data to be sorted based on an agency's credentialing levels
- Used to create a list box for Items D01_07, E04_03, D06_04, D07_05, and D08_15

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 UNIT CALL SIGN

D04_02

Data [text] multiple-entry

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)** *EMSUnitNumber*
Multiple Entry Configuration Yes **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **30**
XSD Structure: D04_02 is a member of D04_02_0 Demographic State Certification Licensure Levels
XSD Attributes: Status (Active or In-active) and Date are included as attributes

Field Values

A unique value; no variable list is possible.

Additional Information

- Used to create a list box for EMS Unit Call Sign (E02_12)

Uses

- Allows data to data to be sorted by EMS unit and/or location.

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

ZONES

D04_03

Data [text] multiple-entry

Definition

The geographic zones used by an agency to divide the service area into smaller geographic components. These zones can be defined locally using any method which will allow easy assignment of locations to their respective zone

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DemographicZoneNumber*
Multiple Entry Configuration Yes **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **30**
XSD Structure: D04_03 is a member of D04_03_0 Demographic State Certification Licensure Levels

Field Values

A unique value; no variable list is possible.

Additional Information

- If GPS documentation is being done by the EMS Agency, the documentation of a zone is typically not required
- Multiple entry configuration to create a list box for Vehicle Dispatch Zone (E02_14), Scene Zone Number (E08_09), Destination Zone Number (E20_09), and Station Zone (D05_03)

Uses

- Used to create a list box for Items E02_14, E08_09, E20_09, and D05_03

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

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

PERSONNEL LEVEL PERMITTED TO USE THE PROCEDURE

D04_05

Data [combo] multiple-choice

Definition

All Personnel Levels which are permitted to use the associated procedure.

XSD Data Type *xs:string/integer* **XSD Domain (Simple Type)** *DemographicStateCertificationLicensureLevels*
Multiple Entry Configuration (1) Yes with each Procedure. **Accepts Null Values** **No**
(2) Yes, via structure

Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **30**
XSD Structure: D04_04 and D04_05 are members of D04_04_0 Demographic Procedure Structure
XSD Attributes: Status (Active or In-active) and Date are included as attributes

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

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_04 Procedures

MEDICATIONS GIVEN

D04_06

Data [text] multiple-entry

Definition

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

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DemographicMedicationsGiven*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **30**
XSD Structure: D04_06 and D04_07 are members of D04_06_0 Demographic Medication Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- At this time a national drug index or coding scheme, which would allow for a single code to be assigned to a single drug, does not exist
- The Drug List may contain any generic or trade name of a drug approved by the FDA and administered by EMS. The medication is stored and passed via XML in a text format
- Used to create a list box for Medication Given (E18_03) and Prior Aid (E09_01)

Uses

- Allows data to be sorted based on an agency's Medication capabilities
- Could be used to create a list box for Medication Given (E18_03) and Prior Aid (E09_01)
- 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_07 Personnel Level Permitted to Use the Medication

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

PERSONNEL LEVEL PERMITTED TO USE THE MEDICATION

D04_07

Data [combo] multiple-choice

Definition

All personnel levels which are permitted to use the associated medication

XSD Data Type *xs:string/integer* **XSD Domain (Simple Type)** *DemographicStateCertificationLicensureLevels*
Multiple Entry Configuration (1) Yes with each Procedure. **Accepts Null Values** **No**
(2) Yes, via structure

Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **30**
XSD Structure: D04_06 and D04_07 are members of D04_06_0 Demographic Medication Structure
XSD Attributes: Status (Active or In-active) and Date are included as attributes

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

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_06 Medications Given

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

PERSONNEL LEVEL PERMITTED TO USE THE PROTOCOL

D04_09

Data [combo] single-choice

Definition

All personnel levels which are permitted to use the associated Protocol

XSD Data Type *xs:string/integer* **XSD Domain (Simple Type)** *DemographicStateCertificationLicensureLevels*
Multiple Entry Configuration (1) Yes with each Procedure. **Accepts Null Values** **No**
(2) Yes, via structure

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

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

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_08 Protocol

BILLING STATUS

D04_10

Data [combo] multiple-choice

Definition

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

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *BillingStatus*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No
XSD Attributes: Status (Active or In-active) and Date are included as attributes

Field Values

0 No **1** Yes

Uses

- Allows data to be sorted based on an agency's Billing Status
- Provides description of EMS agencies based on credentialing levels recognized by the 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

HOSPITALS SERVED

D04_11

Data [text] multiple-entry

Definition

A list of all the hospitals the agency transports to or from

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *FacilityName*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**
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.

Additional Information

- Multiple entry configuration used to create a list box for Destination/ Transferred to (E20_01) and Vehicle Dispatch Location (E02_13)

Uses

- Could be used to create a list box (along with D04_13) for Destination/ Transferred to (E20_01) and Vehicle Dispatch Location (E02_13)

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_12 Hospital Facility Number

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.

-20 Not Recorded
-10 Not Known
-25 Not Applicable
-15 Not Reporting
-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 Serverd (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
E00 Common Null Values
D04_11 Hospitals Served

OTHER DESTINATIONS

D04_13

Data [text] multiple-entry

Definition

A list of all destinations other than hospitals which an agency transports to or from

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *FacilityName*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**
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.

Additional Information

- Multiple entry configuration used to create a list box for Destination/Transferred to (E20_01) and Vehicle Dispatch Location (E02_13)

Uses

- Could be used to create a list box (along with D04_11) for Destination/ Transferred to (E20_01) and Vehicle Dispatch Location (E02_13)

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_14 Destination Facility Number
D04_15 Destination Type

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.

-20 Not Recorded
-10 Not Known
-25 Not Applicable
-15 Not Reporting
-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_15 Destination Type
D04_13 Other Destinations
E00 Common Null Values

DESTINATION TYPE

D04_15

Data [combo] single-choice

Definition

The type of facility associated with the Other Destination (D04_13)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *FacilityType*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No
XSD Structure: D04_13, D04_14 and D04_15 are members of D04_13_0 Other Destinations Structure

Field Values

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

Additional Information

- Can be used to auto-fill Type of Destination (E20_17) based on Other Destination (D04_13) or Destination Facility Number (D04_14)

Uses

- Allows data to be sorted based on an agency's Destination Type
- Allows data to be sorted or grouped based on the EMS transports destination type
- Provides a component of a list box associated with Other Destinations (D04_13)
- Provides description of EMS Agency's Destination Types

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_14 Destination Facility Number

References in NHTSA Version 1

Essential Element 44 Destination/Transferred To

INSURANCE COMPANIES USED

D04_16

Data [text] multiple-entry

Definition

A list of insurance companies which are prevalent in the Agencies service area

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *InsuranceCompanyName*
Multiple Entry Configuration Yes **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **100**

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to create a list box for Insurance Company Name (E07_03)

Uses

- Allows data to be sorted or grouped based on the EMS transports destination type
- Could be used to create a list box for Insurance Company Name (E07_03)

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

EMD VENDOR

D04_17

Data [text]

Definition

The Vendor or Company associated with the EMD Card set and algorithms

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *EMDVendor*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**
XSD Structure: D04_17 is a member of D04_17_0 Demographic State Certification Licensure Levels
XSD Attributes: Status (Active or In-active) and Date are included as attributes

Field Values

A unique value; no variable list is possible.

Uses

- Identifies the type of EMD cards used so they may be used in Quality Management reports which compare EMS systems

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

Agency Station Information

STATION NAME

D05_01

Data [text]

Definition

Name of the agency's station

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *StationName*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**
XSD Structure: Data Elements D05_01 through D05_09 are all within the Agency Information Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple Entry Configuration for D05_01 through D05_09
- Provides part of the list box for Vehicle Dispatch Location (E02_13)

Uses

- Allows data to be sorted based on an agency's Station Name
- Component of the EMS Agency's Station 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
D05_02 Station Number
D05_03 Station Zone
D05_04 Station GPS
D05_05 Station Address
D05_06 Station City
D05_07 Station State
D05_08 Station Zip
D05_09 Station Telephone Number

STATION NUMBER

D05_02

Data
[text]

Definition
ID number of the agency's station

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *StationNumber*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**
XSD Structure: Data Elements D05_01 through D05_09 are all within the Agency Information 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
- Allows data to be sorted based on an agency's Station Number

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
D05_01 Station Name
D05_03 Station Zone
D05_04 Station GPS
D05_05 Station Address
D05_06 Station City
D05_07 Station State
D05_08 Station Zip
D05_09 Station Telephone Number
E00 Common Null Values

STATION ZONE

D05_03

Data [text]

Definition

The geographic zone or location of the agency's station

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DemographicZoneNumber*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **30**
XSD Structure: Data Elements D05_01 through D05_09 are all within the Agency Information Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Selected from a list of geographic zones specific for each agency as defined in Zones (D04_03)

Uses

- Allows data to be sorted based on an agency's Station Zone

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
D05_01 Station Name
D05_02 Station Number
D05_04 Station GPS
D05_05 Station Address
D05_06 Station City
D05_07 Station State
D05_08 Station Zip
D05_09 Station Telephone Number

STATION GPS

D05_04

Data [text]

Definition

The GPS coordinate for the agency's station

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *GPSLocation*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No
XSD Structure: Data Elements D05_01 through D05_09 are all within the Agency Information Structure
XSD Attributes: Latitude and Longitude are each included as attributes

Field Values

A unique value; no variable list is possible.

Uses

- Allows data to be sorted based on an agency's Station GPS

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
D05_02 Station Number
D05_05 Station Address
D05_07 Station State
D05_09 Station Telephone Number
D05_01 Station Name
D05_03 Station Zone
D05_06 Station City
D05_08 Station Zip

STATION ADDRESS

D05_05

Data [text]

Definition

Address of the agency's station

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

XSD Structure: (1) Data Elements D05_01 through D05_09 are all within the Agency Information Structure. (2) Data Elements D05_05, D05_06, D05_07, and D05_08 are all members of D05_05_0 Station Address 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's Station 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
D05_01 Station Name
D05_02 Station Number
D05_03 Station Zone
D05_04 Station GPS
D05_06 Station City
D05_07 Station State
D05_08 Station Zip
D05_09 Station Telephone Number
E00 Common Null Values

STATION CITY

D05_06

Data [combo] single-choice

Definition

City of the agency's station

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

XSD Structure: (1) Data Elements D05_01 through D05_09 are all within the Agency Information Structure. (2) Data Elements D05_05, D05_06, D05_07, and D05_08 are all members of D05_05_0 Station Address 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

Additional Information

- 5 digit FIPS code
- Could be filled in from Station Zip Code entry (D05_08)

Uses

- Component of the EMS Agency's Station 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
D05_02 Station Number
D05_04 Station GPS
D05_07 Station State
D05_09 Station Telephone Number
D05_01 Station Name
D05_03 Station Zone
D05_05 Station Address
D05_08 Station Zip
E00 Common Null Values

STATION STATE

D05_07

Data [combo] single-choice

Definition

State of the agency's station

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

XSD Structure: (1) Data Elements D05_01 through D05_09 are all within the Agency Information Structure. (2) Data Elements D05_05, D05_06, D05_07, and D05_08 are all members of D05_05_0 Station Address 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

Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Station Zip Code entry (D05_08)

Uses

- Component of the EMS Agency's Station 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
D05_02 Station Number
D05_04 Station GPS
D05_06 Station City
D05_09 Station Telephone Number
D05_01 Station Name
D05_03 Station Zone
D05_05 Station Address
D05_08 Station Zip
E00 Common Null Values

STATION ZIP

D05_08

Data [text]

Definition

ZIP Code of the agency's station

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

XSD Structure: (1) Data Elements D05_01 through D05_09 are all within the Agency Information Structure. (2) Data Elements D05_05, D05_06, D05_07, and D05_08 are all members of D05_05_0 Station Address Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Can be 5 or 9 digit Zip Code

Uses

- Component of the EMS Agency's Station 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
D05_01 Station Name
D05_02 Station Number
D05_03 Station Zone
D05_04 Station GPS
D05_05 Station Address
D05_06 Station City
D05_07 Station State
D05_09 Station Telephone Number

STATION TELEPHONE NUMBER

D05_09

Data
[text]

Definition
The telephone number of the agency's station

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *TelephoneNumber*
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's Station 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
D05_02 Station Number
D05_04 Station GPS
D05_06 Station City
D05_08 Station Zip
D05_01 Station Name
D05_03 Station Zone
D05_05 Station Address
D05_07 Station State
E00 Common Null Values

Agency Vehicle Information

UNIT/VEHICLE NUMBER

D06_01

Data [text]

Definition

The unique ID number of the unit which is specific for each vehicle; typically the VIN associated with the vehicle

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *VehicleNumber*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**
XSD Structure: (1) Data Elements D06_01 through D06_10 are all within the Vehicle Information Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple Entry Configuration for D06_01 through D06_10

Uses

- Allows data to be sorted based on an agency's Unit Number
- Provides geographic descriptive data on EMS agencies
- Used to create a list box for EMS Unit/Vehicle Number (E02_11)

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
D06_03 Vehicle Type
D06_04 State Certification/Licensure Levels
D06_05 Number Of Each Personnel Level on the Vehicle Crew
D06_06 Vehicle Initial Cost
D06_07 Vehicle Model Year
D06_08 Year Miles/Hours Accrued
D06_09 Annual Vehicle Hours
D06_10 Annual Vehicle Miles

References in NHTSA Version 1

Essential Element 24 Agency/Unit Number

VEHICLE TYPE

D06_03

Data [combo] single-choice

Definition

Vehicle type of unit (ambulance, fire, truck, etc.)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *VehicleType*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No
XSD Structure: (1) Data Elements D06_01 through D06_10 are all within the Vehicle Information Structure

Field Values

7370 Ambulance
7380 ATV
7390 Bicycle
7400 Boat
7410 Fire Truck
7420 Fixed Wing
7430 Motorcycle
7440 Other
7450 Private Vehicle
7460 Quick Response Vehicle (Non-Transport Vehicle other than Fire Truck
7470 Rescue
7480 Rotor Craft

Uses

- Allows data to be sorted based on the Vehicle Type

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
D06_01 Unit/Vehicle Number
D06_04 State Certification/Licensure Levels
D06_05 Number Of Each Personnel Level on the Vehicle Crew
D06_06 Vehicle Initial Cost
D06_07 Vehicle Model Year
D06_08 Year Miles/Hours Accrued
D06_09 Annual Vehicle Hours
D06_10 Annual Vehicle Miles

References in NHTSA Version 1

Essential Element 25 Vehicle Type

STATE CERTIFICATION/LICENSURE LEVELS

D06_04

Data [combo] single-choice

Definition

The personnel certification/licensure level of the vehicle crew member

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *StateCertificationLicensureLevels*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **30**

XSD Structure: (1) Data Elements D06_01 through D06_10 are all within the Vehicle Information Structure. (2) D06_04 and D06_05 are members of D06_04_0 Vehicle Crew Structure

Field Values

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

Additional Information

- A list box created from State Certification/ Licensure Level (D04_01)
- Multiple Entry Configuration for D06_04 and D06_05

Uses

- Allows data to be grouped or compared by Vehicle Crew Configuration
- Allows data to be sorted based on an agency's Vehicle Crew Configuration

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
D06_01 Unit/Vehicle Number
D06_03 Vehicle Type
D06_05 Number Of Each Personnel Level on the Vehicle Crew
D06_06 Vehicle Initial Cost
D06_07 Vehicle Model Year
D06_08 Year Miles/Hours Accrued
D06_09 Annual Vehicle Hours
D06_10 Annual Vehicle Miles

NUMBER OF EACH PERSONNEL LEVEL ON THE VEHICLE CREW

D06_05

Data [number]

Definition

The number of each personnel level associated with the vehicle crew.

XSD Data Type *xs:positiveInteger* **XSD Domain (Simple Type)** *NumberOfPersonnel*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **12**
XSD Structure: (1) Data Elements D06_01 through D06_10 are all within the Vehicle Information Structure. (2) D06_04 and D06_05 are members of D06_04_0 Vehicle Crew Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple Entry Configuration for D06_04 and D06_05

Uses

- Allows data to be grouped or compared by Vehicle Crew Configuration
- Allows data to be sorted based on an agency's Vehicle Crew Configuration

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
D06_01 Unit/Vehicle Number
D06_03 Vehicle Type
D06_04 State Certification/Licensure Levels
D06_06 Vehicle Initial Cost
D06_07 Vehicle Model Year
D06_08 Year Miles/Hours Accrued
D06_09 Annual Vehicle Hours
D06_10 Annual Vehicle Miles

VEHICLE INITIAL COST

D06_06

Data [number]

Definition

The initial cost of the vehicle excluding all medical and other equipment not associated with the vehicle operation. This cost should be inclusive of all sources of funding including grants, donations, and any other capital.

XSD Data Type *xs:positiveInteger* **XSD Domain (Simple Type)** *VehicleInitialCost*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **100,000,000**
XSD Structure: (1) Data Elements D06_01 through D06_10 are all within the Vehicle Information Structure

Field Values

A unique value; no variable list is possible.

Uses

- 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
D06_01 Unit/Vehicle Number
D06_03 Vehicle Type
D06_04 State Certification/Licensure Levels
D06_05 Number Of Each Personnel Level on the Vehicle Crew
D06_07 Vehicle Model Year
D06_08 Year Miles/Hours Accrued
D06_09 Annual Vehicle Hours
D06_10 Annual Vehicle Miles

VEHICLE MODEL YEAR

D06_07

Data [number]

Definition

The year the vehicle was manufactured. This is defined by the year of the VIN, understanding that some parts of the vehicle may not be original.

XSD Data Type *xs:gYear* **XSD Domain (Simple Type)** *VehicleYear*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1,900** **Maximum Constraint** **2,030**
XSD Structure: (1) Data Elements D06_01 through D06_10 are all within the Vehicle Information Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Format [YYYY]

Uses

- 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
D06_01 Unit/Vehicle Number
D06_03 Vehicle Type
D06_04 State Certification/Licensure Levels
D06_05 Number Of Each Personnel Level on the Vehicle Crew
D06_06 Vehicle Initial Cost
D06_08 Year Miles/Hours Accrued
D06_09 Annual Vehicle Hours
D06_10 Annual Vehicle Miles

YEAR MILES/HOURS ACCRUED

D06_08

Data [date/time]

Definition

The year the Hours and miles were accumulated

XSD Data Type *xs:gYear* **XSD Domain (Simple Type)** *VehicleYear*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1,900** **Maximum Constraint** **2,030**

XSD Structure: (1) Data Elements D06_01 through D06_10 are all within the Vehicle Information Structure. (2) D06_08, D06_09, and D06_10 are all members of D06_08_0 Vehicle Miles/Hours Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow multiple years of data to be collected over time using Year Miles/Hours Accrued (D06_08), Annual Vehicle Hours (D06_09) and Annual Vehicle Miles (D06_10)
- Used to identify the use of EMS vehicles over time.

Uses

- 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
D06_01 Unit/Vehicle Number
D06_03 Vehicle Type
D06_04 State Certification/Licensure Levels
D06_05 Number Of Each Personnel Level on the Vehicle Crew
D06_06 Vehicle Initial Cost
D06_07 Vehicle Model Year
D06_09 Annual Vehicle Hours
D06_10 Annual Vehicle Miles

ANNUAL VEHICLE HOURS

D06_09

Data [number]

Definition

The number of hours the vehicle was in service for the agency for the defined year.

XSD Data Type *xs:positiveInteger* **XSD Domain (Simple Type)** *VehicleHours*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **10,000**
XSD Structure: (1) Data Elements D06_01 through D06_10 are all within the Vehicle Information Structure. (2) D06_08, D06_09, and D06_10 are all members of D06_08_0 Vehicle Miles/Hours 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

Additional Information

- Depending on the vehicles measurement system, hours (D06_09) or miles (D06_10) should be provided as appropriate
- Used to identify the use of EMS vehicles over time.

Uses

- 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
D06_01 Unit/Vehicle Number
D06_03 Vehicle Type
D06_04 State Certification/Licensure Levels
D06_05 Number Of Each Personnel Level on the Vehicle Crew
D06_06 Vehicle Initial Cost
D06_07 Vehicle Model Year
D06_08 Year Miles/Hours Accrued
D06_10 Annual Vehicle Miles
E00 Common Null Values

ANNUAL VEHICLE MILES

D06_10

Data [number]

Definition

The number of miles the vehicle accumulated in service for the agency for the defined year (Odometer Reading)

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *AnnualOdometerReading*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **1,000,000**

XSD Structure: (1) Data Elements D06_01 through D06_10 are all within the Vehicle Information Structure. (2) D06_08, D06_09, and D06_10 are all members of D06_08_0 Vehicle Miles/Hours 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

Additional Information

- Depending on the vehicles measurement system, hours (D06_09) or miles (D06_10) should be provided as appropriate
- Used to identify the use of EMS vehicles over time.

Uses

- 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
D06_01 Unit/Vehicle Number
D06_03 Vehicle Type
D06_04 State Certification/Licensure Levels
D06_05 Number Of Each Personnel Level on the Vehicle Crew
D06_06 Vehicle Initial Cost
D06_07 Vehicle Model Year
D06_08 Year Miles/Hours Accrued
D06_09 Annual Vehicle Hours
E00 Common Null Values

Agency Personnel Information

PERSONNEL'S AGENCY ID NUMBER

D07_01

Data [text]

Definition

Local agency ID number for personnel

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *PersonnelsAgencyIDNumber*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**

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 number should be unique to the individual and never reused after personnel leave the agency

Uses

- Allows data to be sorted or grouped based on an Individual

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
D07_03 Personnel's Employment Status
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

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

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_01 Personnel's Agency ID Number
D07_03 Personnel's Employment Status
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
D08_01 EMS Personnel's Last Name

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
7535 No Longer Employed By Service

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

DATE OF PERSONNEL'S CERTIFICATION OR LICENSURE FOR AGENCY

D07_06

Data [date/time]

Definition

The date that the Certification/Licensure was achieved

XSD Data Type *xs:date* **XSD Domain (Simple Type)** *Date*
Multiple Entry Configuration Yes, for Structures 1 and 3 **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_05 and D07_06 are members of D07_05_0 Level of Certification Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Used to identify the year the Certification was achieved

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_02 State/Licensure ID Number
D07_04 Employment Status Date
D07_01 Personnel's Agency ID Number
D07_03 Personnel's Employment Status
D07_05 Personnel's Level of Certification/Licensure for Agency

General Personnel Information

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
D08_02 EMS Personnel's Middle Name/Initial
D07_02 State/Licensure ID Number
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.

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

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number
D07_02 State/Licensure ID Number
D08_01 EMS Personnel's Last Name
D08_03 EMS Personnel's First Name
E00 Common Null Values

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
-10 Not Known
-25 Not Applicable
-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
D08_01 EMS Personnel's Last Name
E00 Common Null Values
D07_02 State/Licensure ID Number
D08_02 EMS Personnel's Middle Name/Initial

EMS PERSONNEL'S MAILING ADDRESS

D08_04

Data [text]

Definition

Street or PO Box of the personnel's mailing address

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *StreetAddress*
Multiple Entry Configuration Yes, via structure 2 **Accepts Null Values** **Yes**
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) D08_04, D08_05, D08_06, D08_07 are members of D08_04_0 Personnel's Address 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 Personnel'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
D08_01 EMS Personnel's Last Name
D08_06 EMS Personnel's State
E00 Common Null Values
D07_02 State/Licensure ID Number
D08_05 EMS Personnel's City of Residence
D08_07 EMS Personnel's Zip Code

EMS PERSONNEL'S CITY OF RESIDENCE

D08_05

Data [combo] single-choice

Definition

City of personnel's mailing address

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *City*
Multiple Entry Configuration Yes, via structure 2 **Accepts Null Values** **Yes**
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) D08_04, D08_05, D08_06, D08_07 are members of D08_04_0 Personnel's Address 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

Additional Information

- 5 digit FIPS code
- Could be filled in from EMS Personnel’s Zip Code entry (D08_07)

Uses

- Component of the EMS Personnel’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
D08_01 EMS Personnel's Last Name
D08_06 EMS Personnel's State
E00 Common Null Values
D07_02 State/Licensure ID Number
D08_04 EMS Personnel's Mailing Address
D08_07 EMS Personnel's Zip Code

EMS PERSONNEL'S STATE

D08_06

Data [combo] single-choice

Definition

State of personnel's mailing address

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

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_04, D08_05, D08_06, D08_07 are members of D08_04_0 Personnel's Address 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

Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from EMS Personnel’s Zip Code entry (D08_07)

Uses

- Component of the EMS Personnel’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
D08_01 EMS Personnel's Last Name
D08_05 EMS Personnel's City of Residence
E00 Common Null Values
D07_02 State/Licensure ID Number
D08_04 EMS Personnel's Mailing Address
D08_07 EMS Personnel's Zip Code

EMS PERSONNEL'S ZIP CODE

D08_07

Data [text]

Definition

ZIP code of personnel's mailing address

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DemographicZip*
Multiple Entry Configuration Yes, via structure 2 **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) D08_04, D08_05, D08_06, D08_07 are members of D08_04_0 Personnel's Address Structure

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 Personnel'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
D08_01 EMS Personnel's Last Name
D08_05 EMS Personnel's City of Residence
D07_02 State/Licensure ID Number
D08_04 EMS Personnel's Mailing Address
D08_06 EMS Personnel's State

EMS PERSONNEL'S WORK TELEPHONE

D08_08

Data [text]

Definition

Work phone number of the personnel

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *TelephoneNumber*
Multiple Entry Configuration Yes, via structure 2 **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **10**

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.

-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 Personnel'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
D08_01 EMS Personnel's Last Name
D07_02 State/Licensure ID Number
E00 Common Null Values

EMS PERSONNEL'S HOME TELEPHONE

D08_09

Data
[text]

Definition
Home phone number of the personnel

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *TelephoneNumber*
Multiple Entry Configuration Yes, via structure 2 **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **10**

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.

-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 Personnel'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
D08_01 EMS Personnel's Last Name
D07_02 State/Licensure ID Number
E00 Common Null Values

EMS PERSONNEL'S EMAIL ADDRESS

D08_10

Data [text]

Definition

Primary email address of the personnel

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *EmailAddress*
Multiple Entry Configuration Yes, via structure 2 **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **100**

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.

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

Uses

- Component of the EMS Personnel'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
D08_01 EMS Personnel's Last Name
D07_02 State/Licensure ID Number
E00 Common Null Values

EMS PERSONNEL'S DATE OF BIRTH

D08_11

Data [date]

Definition

The EMS personnel's date of birth.

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

Field Values

A unique value; no variable list is possible.

Uses

- Allows the EMS workforce to be described in terms of Age

Data Collector

- EMS Agency and typically only documented once and verified yearly

Other Associated Elements

D01_01 EMS Agency Number
D07_02 State/Licensure ID Number
D08_01 EMS Personnel's Last Name

EMS PERSONNEL'S GENDER

D08_12

Data [combo] single-choice

Definition

The EMS personnel's gender

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DemographicGender*
Multiple Entry Configuration Yes, via structure 2 **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

Field Values

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

Uses

- Allows the EMS workforce to be described in terms of Gender

Data Collector

- EMS Agency and typically only documented once and verified yearly

Other Associated Elements

D01_01 EMS Agency Number
D08_01 EMS Personnel's Last Name
D07_02 State/Licensure ID Number

EMS PERSONNEL'S RACE

D08_13

Data [combo] single-choice

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DemographicRace*
Multiple Entry Configuration Yes, via structure 2 **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

Field Values

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

- Allows the EMS workforce to be described in terms of Race

Data Collector

- EMS Agency and typically only documented once and verified yearly

Other Associated Elements

D01_01 EMS Agency Number
D07_02 State/Licensure ID Number
D08_01 EMS Personnel's Last Name

EMS PERSONNEL'S ETHNICITY

D08_14

Data [combo] single-choice

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DemographicEthnicity*
Multiple Entry Configuration Yes, via structure 2 **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

Field Values

690 Hispanic or Latino
695 Not Hispanic or Latino

Uses

- Allows the EMS workforce to be described in terms of Ethnicity

Data Collector

- EMS Agency and typically only documented once and verified yearly

Other Associated Elements

D01_01 EMS Agency Number
D07_02 State/Licensure ID Number
D08_01 EMS Personnel's Last Name

STATE EMS CERTIFICATION LICENSURE LEVEL

D08_15

Data [combo] single-choice

Definition

The personnel's State EMS Certification level

XSD Data Type *xs:string/integer* **XSD Domain (Simple Type)** *DemographicStateCertificationLicensureLevels*
Multiple Entry Configuration Yes, via structure 2 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) D08_15, D08_16, D08_17, and D08_19 are all members of D08_15_0 State Certification Levels Structure

Field Values

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

Additional Information

- Multiple entry configuration to allow multiple levels for each personnel over time
- 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 based on credentialing levels recognized by the 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
D07_02 State/Licensure ID Number
D08_01 EMS Personnel's Last Name
D08_16 National Registry Credentialed
D08_17 State EMS Current Certification Date
D08_18 Initial State Certification Date

NATIONAL REGISTRY CREDENTIALED

D08_16

Data [combo] single-choice

Definition

Indication of National Registry Credential for the level of Certification/Licensure in D08_15

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*
Multiple Entry Configuration Yes, via structure 2 and 3 **Accepts Null Values** **Yes**
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) D08_15, D08_16, D08_17, and D08_19 are all members of D08_15_0 State Certification Levels Structure

Field Values

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

Additional Information

- Multiple entry configuration to allow multiple levels for each personnel over time

Uses

- Allows a report at the EMS Agency level to determine credential details on EMS Personnel
- Provides description of EMS agencies based on credentialing levels recognized by the 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
D08_01 EMS Personnel's Last Name
D08_17 State EMS Current Certification Date
E00 Common Null Values
D07_02 State/Licensure ID Number
D08_15 State EMS Certification Licensure Level
D08_18 Initial State Certification Date

STATE EMS CURRENT CERTIFICATION DATE

D08_17

Data [date/time]

Definition

The date of the personnel's current certification.

XSD Data Type *xs:date* **XSD Domain (Simple Type)** *Date*
Multiple Entry Configuration Yes, via structure 2 and 3 **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) D08_15, D08_16, D08_17, and D08_19 are all members of D08_15_0 State Certification Levels Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Format [MMDDYYYY]
- Multiple entry configuration to allow multiple levels for each personnel over time

Uses

- Allows a report at the EMS Agency level to determine credential details on EMS Personnel
- Allows data to some descriptive reporting of EMS Personnel longevity

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
D08_01 EMS Personnel's Last Name
D08_16 National Registry Credentialed
D07_02 State/Licensure ID Number
D08_15 State EMS Certification Licensure Level
D08_18 Initial State Certification Date

INITIAL STATE CERTIFICATION DATE

D08_18

Data [date/time]

Definition

The certification date of personnel's current State certification

XSD Data Type *xs:date* **XSD Domain (Simple Type)** *Date*
Multiple Entry Configuration Yes, via structure 2 and 3 **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) D08_15, D08_16, D08_17, and D08_19 are all members of D08_15_0 State Certification Levels Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Format [MMDDYYYY]
- Multiple entry configuration to allow multiple levels for each personnel over time

Uses

- Allows a report at the EMS Agency level to determine credential details on EMS Personnel
- Allows data to some descriptive reporting of EMS Personnel longevity

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
D08_01 EMS Personnel's Last Name
D08_16 National Registry Credentialed
D07_02 State/Licensure ID Number
D08_15 State EMS Certification Licensure Level
D08_17 State EMS Current Certification Date

TOTAL LENGTH OF SERVICE

D08_19

Data [number]

Definition

The personnel's total length of active EMS service at any level in years. Please do not include time periods not working in EMS.

XSD Data Type *xs:positiveInteger* **XSD Domain (Simple Type)** *TotalService*
Multiple Entry Configuration Yes, via structure 2 and 3 **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **100**

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_19, and D08_20 are all members of D08_19_0 Length of Service Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Document, in years, the number of years the individual has worked in an EMS related capacity

Uses

- Allows a report at the EMS Agency level to determine credential details on EMS Personnel
- Allows data to some descriptive reporting of EMS Personnel longevity

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
D08_01 EMS Personnel's Last Name
D07_02 State/Licensure ID Number
D08_20 Date Length of Service Documented

DATE LENGTH OF SERVICE DOCUMENTED

D08_20

Data [date/time]

Definition

The date which the length of EMS service was documented

XSD Data Type *xs:date* **XSD Domain (Simple Type)** *Date*
Multiple Entry Configuration Yes, via structure 2 and 3 **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) D08_19, and D08_20 are all members of D08_19_0 Length of Service Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Format [MMDDYYYY]

Uses

- Allows a report at the EMS Agency level to determine credential details on EMS Personnel
- Allows data to some descriptive reporting of EMS Personnel longevity

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_19 Total Length of Service

Medical Device Information

DEVICE SERIAL NUMBER

D09_01

Data [text]

Definition

The unique manufacturer's serial number associated with a medical device

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DeviceSerialNumber*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD Yes **Minimum Constraint** **2** **Maximum Constraint** **50**
XSD Structure: All data elements in Section D09 are associated with D09_01 Device Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow multiple Medical Devices to be entered (D09_01 through D09_05)

Uses

- Allows agencies to track medical devices and report on the specific usage of each device

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed. It could be provided by the Medical Device during electronic transmission of data

Other Associated Elements

D01_01 EMS Agency Number
D09_02 Device Name or ID
D09_03 Device Manufacturer
D09_04 Model Number
D09_05 Device Purchase Date

DEVICE NAME OR ID

D09_02

Data [text]

Definition

The local number or configurable ID/Name of the medical device

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DeviceNameOrID*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**
XSD Structure: All data elements in Section D09 are associated with D09_01 Device Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow multiple Medical Devices to be entered (D09_01 through D09_05)

Uses

- Allows agencies to track medical devices and report on the specific usage of each device

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed. It could be provided by the Medical Device during electronic transmission of data

Other Associated Elements

D01_01 EMS Agency Number
D09_03 Device Manufacturer
D09_05 Device Purchase Date
D09_01 Device Serial Number
D09_04 Model Number

DEVICE MANUFACTURER

D09_03

Data [text]

Definition

The manufacturer of the medical device

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DeviceManufacturer*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**
XSD Structure: All data elements in Section D09 are associated with D09_01 Device Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow multiple Medical Devices to be entered (D09_01 through D09_05)

Uses

- Allows agencies to track medical devices and report on types of medical devices used by the 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
D09_02 Device Name or ID
D09_05 Device Purchase Date
D09_01 Device Serial Number
D09_04 Model Number

MODEL NUMBER

D09_04

Data [text]

Definition

The specific manufacturer's model number associated with medical device

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *ModelNumber*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**
XSD Structure: All data elements in Section D09 are associated with D09_01 Device Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow multiple Medical Devices to be entered (D09_01 through D09_05)

Uses

- Allows agencies to track medical devices and report on types of medical devices used by the agency

Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed. It could be provided by the Medical Device during electronic transmission of data

Other Associated Elements

D01_01 EMS Agency Number
D09_02 Device Name or ID
D09_05 Device Purchase Date
D09_01 Device Serial Number
D09_03 Device Manufacturer

DEVICE PURCHASE DATE

D09_05

Data [date/time]

Definition

The date the device was placed in service by the EMS agency

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: All data elements in Section D09 are associated with D09_01 Device Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Format [MMDDYYYY]
- Multiple entry configuration to allow multiple Medical Devices to be entered (D09_01 through D09_05)

Uses

- Allows agencies to track medical devices and report on the age and life expectancy of each device

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
D09_02 Device Name or ID
D09_04 Model Number
D09_01 Device Serial Number
D09_03 Device Manufacturer

Common EMS Values

COMMON NULL VALUES

E00

Data [combo] single-choice

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

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.

Record Information

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 *xs:string* **XSD Domain (Simple Type)** *PatientCareReportNumber*
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

Unit/ Agency Information

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

INCIDENT NUMBER

E02_02

Data [text]

Definition

The incident number assigned by the 911 Dispatch System

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

Uses

- Component of the EMS Agency 911 or Dispatch information which serves as a link to identify and report other Dispatch information

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

Essential Element 21 Incident Number

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Incident Number; Unique number for each Incident

EMS UNIT (VEHICLE) RESPONSE NUMBER

E02_03

Data [text]

Definition

The internal EMS response number which is unique for each EMS unit's (vehicles) response to an incident within an agency.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *EMSUnitResponseNumber*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **15**

Field Values

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

Uses

- Component of the EMS Agency 911 or Dispatch information which serves as a link to identify and report other Dispatch information

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

Essential Element 22 Response 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
-15 Not Reporting
-5 Not Available
335 Decontamination
345 ED Overcrowding
355 Equipment Replenishment
365 Other
375 Vehicle Failure
-20 Not Recorded
-10 Not Known
330 Clean-up
340 Documentation
350 Equipment Failure
360 None
370 Staff Delay

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

VEHICLE DISPATCH LOCATION

E02_13

Data [combo] single-choice

Definition

The station (or hospital) name representing the geographic location of the vehicle at the time of dispatch

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *VehicleDispatchLocation*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **30**

Field Values

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

Additional Information

- List box could be created from Station Name (D05_01), Hospitals Served (D04_11), and Other Destinations (D04_13)

Uses

- Important for grouping or comparing data by dispatch 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

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Station Number; The Fire Department Station number of the first arriving unit

VEHICLE DISPATCH ZONE

E02_14

Data [combo] single-choice

Definition

Geographic zone representing the location of the responding vehicle at the time of dispatch.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *ZoneNumber*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **1** **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 Zones (D04_03)

Uses

- Important for grouping or comparing data by dispatch 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

VEHICLE DISPATCH GPS LOCATION

E02_15

Data [text]

Definition

The GPS coordinates associated with the EMS unit at the time of dispatch.

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 dispatch 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

BEGINNING ODOMETER READING OF RESPONDING VEHICLE

E02_16

Data [number]

Definition

The mileage (odometer reading) of the vehicle at the beginning of the call (when the wheels begin moving)

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *OdometerReading*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **1,000,000**

Field Values

Additional Information

- Number recorded with one digit to the right of decimal

Uses

- Important for EMS billing
- Important for grouping or comparing data by dispatch 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 personnel

Other Associated Elements

E01_01 Patient Care Report Number

ON-SCENE ODOMETER READING OF RESPONDING VEHICLE

E02_17

Data [number]

Definition

The mileage (odometer reading) of the vehicle when it arrives at the patient

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *OdometerReading*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **1,000,000**

Field Values

Additional Information

- Number recorded with one digit to the right of decimal

Uses

- Important for EMS billing
- Important for grouping or comparing data by dispatch 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 personnel

Other Associated Elements

E01_01 Patient Care Report Number

PATIENT DESTINATION ODOMETER READING OF RESPONDING VEHICLE

E02_18

Data [number]

Definition

The mileage (odometer reading) of the vehicle when it arrives at the patient's destination

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *OdometerReading*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **1,000,000**

Field Values

Additional Information

- Number recorded with one digit to the right of decimal

Uses

- Important for EMS billing
- Important for grouping or comparing data by dispatch 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 personnel

Other Associated Elements

E01_01 Patient Care Report Number

ENDING ODOMETER READING OF RESPONDING VEHICLE

E02_19

Data [number]

Definition

The ending mileage (odometer reading) of the vehicle (at time back in service)

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *OdometerReading*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **1,000,000**

Field Values

Additional Information

- Number recorded with one digit to the right of decimal

Uses

- Important for EMS billing
- Important for grouping or comparing data by dispatch 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 personnel

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)** *ResponseModeToScene*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD Yes

Field Values

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

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

390 Lights and Sirens

395 No Lights or Sirens

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 19 Lights and Sirens to Scene

Unit/ Call Information

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 Electrocution
475 Eye Problem
480 Fall Victim
485 Headache
490 Heart Problems
495 Heat/Cold Exposure
500 Hemorrhage/Laceration
505 Industrial Accident/Inaccessible Incident/Other Entrapments (non-vehicle)
510 Ingestion/Poisoning
515 Pregnancy/Childbirth
520 Psychiatric Problem
525 Sick Person
530 Stab/Gunshot Wound
535 Stroke/CVA
540 Traffic Accident
545 Traumatic Injury
550 Unconscious/Fainting
555 Unknown Problem Man Down
560 Transfer/Interfacility/Palliative Care
565 MCI (Mass Casualty Incident)

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

References to Other Databases

NHTSA EMD Data Elements Chief Complaint Types

EMD PERFORMED

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

EMD CARD NUMBER

E03_03

Data [text]

Definition

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

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *EMDCardNumber*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **10**

Field Values

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

Additional Information

- The alpha-numeric value (grouped or concatenated) associated with the EMD card number, followed by the Dispatch Level, followed by the Dispatch Mode

Uses

- Provides important data associated with the telephone triage and categorization of the EMS event
- Used for evaluating and comparing dispatch and on-scene evaluations

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

Unit/ Personnel Information

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

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
-15 Not Reporting
-5 Not Available
640 Other Healthcare Professional
6090 EMT-Basic
6110 EMT-Paramedic
6112 Physician
-20 Not Recorded
-10 Not Known
635 Student
645 Other Non-Healthcare Professional
6100 EMT-Intermediate
6111 Nurse
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
E04_01 Crew Member ID
E01_01 Patient Care Report Number
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

Times

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

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

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

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

Required in XSD Yes **Minimum Constraint** **1,990** **Maximum Constraint** **2,030**

Field Values

Additional Information

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

Uses

- Provides more accurate information on the true response time of EMS to the patient’s side
- Used in Quality Management evaluation of EMS response and performance especially in areas where patient location may be distant from the EMS vehicle

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 15 Time of Arrival at Patient

References to Other Databases

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

TRANSFER OF PATIENT CARE DATE/TIME

E05_08

Data [date/time]

Definition

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

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 for Quality Management when the patient is cared for by more than one EMS agency
- Provides documentation of how the patient progresses through 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 to Other Databases

- NFIRS 5.0 EMS Module; Title: Date/Time Transfer; The date and time fire fighters transferred the care of the patient to another EMS agency.

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 *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 16 Time Unit Left Scene

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

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 **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

- 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

Patient

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

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
E06_02 First Name
E01_01 Patient Care Report Number
E06_03 Middle Initial/Name

References in NHTSA Version 1

Essential Element 32 Patient Name

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

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
E06_01 Last Name
E01_01 Patient Care Report Number
E06_03 Middle Initial/Name

References in NHTSA Version 1

Essential Element 32 Patient Name

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

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
E06_01 Last Name
E01_01 Patient Care Report Number
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
-15 Not Reporting
-5 Not Available
-20 Not Recorded
-10 Not Known

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
E06_01 Last Name
E06_06 Patient's Home County
E06_08 Patient's Home Zip Code
E01_01 Patient Care Report Number
E06_05 Patient's Home City
E06_07 Patient's Home State

References in NHTSA Version 1

Desirable Element 33 Patient Street Address

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

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
E06_01 Last Name
E06_06 Patient's Home County
E06_08 Patient's Home Zip Code
E01_01 Patient Care Report Number
E06_04 Patient's Home Address
E06_07 Patient's Home State

References in NHTSA Version 1

Desirable Element 34 City of Residence

PATIENT'S HOME COUNTY

E06_06

Data [combo] single-choice

Definition

The patient's home county or parish or residence

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

Field Values

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

Additional Information

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

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
E06_01 Last Name
E06_05 Patient's Home City
E06_08 Patient's Home Zip Code
E01_01 Patient Care Report Number
E06_04 Patient's Home Address
E06_07 Patient's Home State

References in NHTSA Version 1

Desirable Element 35 County of Residence

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

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
E06_01 Last Name
E06_05 Patient's Home City
E06_08 Patient's Home Zip Code
E01_01 Patient Care Report Number
E06_04 Patient's Home Address
E06_06 Patient's Home County

References in NHTSA Version 1

Desirable Element 36 State of Residence

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

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
E06_01 Last Name
E06_05 Patient's Home City
E06_07 Patient's Home State
E01_01 Patient Care Report Number
E06_04 Patient's Home Address
E06_06 Patient's Home County

References in NHTSA Version 1

Essential Element 37 Zip Code of Residence

PATIENT'S HOME COUNTRY

E06_09

Data [combo] single-choice

Definition

The patient's country of citizenship

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

Field Values

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

Additional Information

- Stored as a FIPS code

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

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

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
E06_01 Last Name
E01_01 Patient Care Report Number

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

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
-15 Not Reporting
-5 Not Available
695 Not Hispanic or Latino
-20 Not Recorded
-10 Not Known
690 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
E06_01 Last Name
E01_01 Patient Care Report Number

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.

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
-15 Not Reporting
-5 Not Available
705 Days
715 Years
-20 Not Recorded
-10 Not Known
700 Hours
710 Months

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
E06_14 Age
E01_01 Patient Care Report Number

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 OR HOME TELEPHONE NUMBER

E06_17

Data
[text]

Definition
The patient's home or primary telephone number

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

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

Additional Information
- 10 digit telephone number

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

References in NHTSA Version 1
Desirable Element 38 Telephone Number

STATE ISSUING DRIVER'S LICENSE

E06_18

Data [combo] single-choice

Definition

The state that issued the driver's license

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_18 and E06_19 are members of the E06_19_0 Patient's Drivers License Structure

Field Values

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

Additional Information

- 2 digit FIPS Code

Uses

- Can provide linkage back to DMV databases for additional patient and event information
- Form of identification to allow verification of the patient’s identify and contact information

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_19 Driver's License Number

DRIVER'S LICENSE NUMBER

E06_19

Data [text]

Definition

The patient's driver's license number

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DriversLicenseNumber*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **30**
XSD Structure: E06_18 and E06_19 are members of the E06_19_0 Patient's Drivers License Structure

Field Values

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

Uses

- Can provide linkage back to DMV databases for additional patient and event information
- Form of identification to allow verification of the patient’s identify and contact information

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_18 State Issuing Driver's License

Billing

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
-15 Not Reporting
-5 Not Available
725 Medicaid
735 Not Billed (for any reason)
745 Self Pay
-20 Not Recorded
-10 Not Known
720 Insurance
730 Medicare
740 Other Government
750 Workers Compensation

Uses

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

Data Collector

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

Other Associated Elements

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

CERTIFICATE OF MEDICAL NECESSITY

E07_02

Data [combo] single-choice

Definition

Indication of whether a certificate of medical necessity is present

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

Field Values

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

Uses

- Key component of an EMS Medical Record for billing of some patient transports

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

INSURANCE COMPANY ID/NAME

E07_03

Data [text]

Definition

The ID number of the patient's insurance company

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

XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

Field Values

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

Additional Information

- Multiple entry configuration required to allow more than one insurance company

Uses

- Key component of an EMS Medical Record for billing

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
E07_04 Insurance Company Billing Priority
E07_05 Insurance Company Address
E07_06 Insurance Company City
E07_07 Insurance Company State
E07_08 Insurance Company Zip Code
E07_09 Insurance Group ID/Name
E07_10 Insurance Policy ID Number
E07_11 Last Name of the Insured
E07_12 First Name of the Insured
E07_13 Middle Initial/Name of the Insured
E07_14 Relationship to the Insured

INSURANCE COMPANY BILLING PRIORITY

E07_04

Data [combo] single-choice

Definition

The billing priority or order for the insurance company.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *InsuranceCompanyBillingPriority*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
760 Secondary
-20 Not Recorded
-10 Not Known
755 Primary
765 Other

Uses

- Key component of an EMS Medical Record for billing

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
E07_03 Insurance Company ID/Name
E07_06 Insurance Company City
E07_08 Insurance Company Zip Code
E07_10 Insurance Policy ID Number
E07_12 First Name of the Insured
E07_14 Relationship to the Insured
E01_01 Patient Care Report Number
E07_05 Insurance Company Address
E07_07 Insurance Company State
E07_09 Insurance Group ID/Name
E07_11 Last Name of the Insured
E07_13 Middle Initial/Name of the Insured

INSURANCE COMPANY ADDRESS

E07_05

Data [text]

Definition

The mailing address of the Insurance Company

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

XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

Field Values

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

Additional Information

- E07_05, E07_06, E07_07 and E07_08 are members of the Insurance Address group

Uses

- Key component of an EMS Medical Record for billing

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
E07_03 Insurance Company ID/Name
E07_04 Insurance Company Billing Priority
E07_06 Insurance Company City
E07_07 Insurance Company State
E07_08 Insurance Company Zip Code
E07_09 Insurance Group ID/Name
E07_10 Insurance Policy ID Number
E07_11 Last Name of the Insured
E07_12 First Name of the Insured
E07_13 Middle Initial/Name of the Insured
E07_14 Relationship to the Insured

INSURANCE COMPANY CITY

E07_06

Data [combo] single-choice

Definition

The insurance companies city or township

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

XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

Field Values

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

Additional Information

- 5 digit FIPS Code
- Could be filled in from Insurance Company Zip Code (E07_08)
- E07_05, E07_06, E07_07 and E07_08 are members of the Insurance Address group

Uses

- Key component of an EMS Medical Record for billing

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
E07_03 Insurance Company ID/Name
E07_04 Insurance Company Billing Priority
E07_05 Insurance Company Address
E07_07 Insurance Company State
E07_08 Insurance Company Zip Code
E07_09 Insurance Group ID/Name
E07_10 Insurance Policy ID Number
E07_11 Last Name of the Insured
E07_12 First Name of the Insured
E07_13 Middle Initial/Name of the Insured
E07_14 Relationship to the Insured

INSURANCE COMPANY STATE

E07_07

Data [combo] single-choice

Definition

The insurance companies state, territory, or province, or District of Columbia.

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

XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

Field Values

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

Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Insurance Company Zip Code (E07_08)
- E07_05, E07_06, E07_07 and E07_08 are members of the Insurance Address group

Uses

- Key component of an EMS Medical Record for billing

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
E07_03 Insurance Company ID/Name
E07_04 Insurance Company Billing Priority
E07_05 Insurance Company Address
E07_06 Insurance Company City
E07_08 Insurance Company Zip Code
E07_09 Insurance Group ID/Name
E07_10 Insurance Policy ID Number
E07_11 Last Name of the Insured
E07_12 First Name of the Insured
E07_13 Middle Initial/Name of the Insured
E07_14 Relationship to the Insured

INSURANCE COMPANY ZIP CODE

E07_08

Data [text]

Definition

The insurance companies Zip Code

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *Zip*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

Field Values

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

Additional Information

- Can be a 5 or 9 digit Zip Code
- E07_05, E07_06, E07_07 and E07_08 are members of the Insurance Address group

Uses

- Key component of an EMS Medical Record for 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
E06_01 Last Name
E07_03 Insurance Company ID/Name
E07_04 Insurance Company Billing Priority
E07_05 Insurance Company Address
E07_06 Insurance Company City
E07_07 Insurance Company State
E07_09 Insurance Group ID/Name
E07_10 Insurance Policy ID Number
E07_11 Last Name of the Insured
E07_12 First Name of the Insured
E07_13 Middle Initial/Name of the Insured
E07_14 Relationship to the Insured

INSURANCE GROUP ID/NAME

E07_09

Data
[text]

Definition
The ID number or name of the patient's insurance group

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

XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

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

Uses
- Key component of an EMS Medical Record for billing

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
E07_03 Insurance Company ID/Name
E07_04 Insurance Company Billing Priority
E07_05 Insurance Company Address
E07_06 Insurance Company City
E07_07 Insurance Company State
E07_08 Insurance Company Zip Code
E07_10 Insurance Policy ID Number
E07_11 Last Name of the Insured
E07_12 First Name of the Insured
E07_13 Middle Initial/Name of the Insured
E07_14 Relationship to the Insured

INSURANCE POLICY ID NUMBER

E07_10

Data

[text]

Definition

The ID number of the patient's insurance policy

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

XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

Field Values

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

Uses

- Key component of an EMS Medical Record for billing

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
E07_03 Insurance Company ID/Name
E07_04 Insurance Company Billing Priority
E07_05 Insurance Company Address
E07_06 Insurance Company City
E07_07 Insurance Company State
E07_08 Insurance Company Zip Code
E07_09 Insurance Group ID/Name
E07_11 Last Name of the Insured
E07_12 First Name of the Insured
E07_13 Middle Initial/Name of the Insured
E07_14 Relationship to the Insured

LAST NAME OF THE INSURED

E07_11

Data

[text]

Definition

The last (family) name of the person insured by the insurance company.

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

XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

Field Values

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

Additional Information

- E07_11, E07_12, and E07_13 are members of the Name of Insured group

Uses

- Key component of an EMS Medical Record for billing

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
E07_03 Insurance Company ID/Name
E07_04 Insurance Company Billing Priority
E07_05 Insurance Company Address
E07_06 Insurance Company City
E07_07 Insurance Company State
E07_08 Insurance Company Zip Code
E07_09 Insurance Group ID/Name
E07_10 Insurance Policy ID Number
E07_12 First Name of the Insured
E07_13 Middle Initial/Name of the Insured
E07_14 Relationship to the Insured

FIRST NAME OF THE INSURED

E07_12

Data [text]

Definition

The first (given) name of the person insured by the insurance company

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

XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

Field Values

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

Additional Information

- E07_11, E07_12, and E07_13 are members of the Name of Insured group

Uses

- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

E00 Common Null Values
E06_01 Last Name
E07_04 Insurance Company Billing Priority
E07_06 Insurance Company City
E07_08 Insurance Company Zip Code
E07_10 Insurance Policy ID Number
E07_11 Last Name of the Insured
E07_14 Relationship to the Insured
E01_01 Patient Care Report Number
E07_03 Insurance Company ID/Name
E07_05 Insurance Company Address
E07_07 Insurance Company State
E07_09 Insurance Group ID/Name
E07_11 Last Name of the Insured
E07_13 Middle Initial/Name of the Insured

MIDDLE INITIAL/NAME OF THE INSURED

E07_13

Data [text]

Definition

The middle name, if any, of the person insured by the insurance company.

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

XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

Field Values

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

Additional Information

- E07_11, E07_12, and E07_13 are members of the Name of Insured group

Uses

- Key component of an EMS Medical Record for billing

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
E07_03 Insurance Company ID/Name
E07_05 Insurance Company Address
E07_07 Insurance Company State
E07_09 Insurance Group ID/Name
E07_11 Last Name of the Insured
E07_12 First Name of the Insured
E07_14 Relationship to the Insured
E01_01 Patient Care Report Number
E07_04 Insurance Company Billing Priority
E07_06 Insurance Company City
E07_08 Insurance Company Zip Code
E07_10 Insurance Policy ID Number
E07_11 Last Name of the Insured
E07_12 First Name of the Insured

RELATIONSHIP TO THE INSURED

E07_14

Data [combo] single-choice

Definition

The relationship of the patient to the primary insured person

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

XSD Structure: (1) E07_03, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
775 Spouse
785 Other
-20 Not Recorded
-10 Not Known
770 Self
780 Son/Daughter

Uses

- Key component of an EMS Medical Record for billing

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
E07_03 Insurance Company ID/Name
E07_05 Insurance Company Address
E07_07 Insurance Company State
E07_09 Insurance Group ID/Name
E07_11 Last Name of the Insured
E07_13 Middle Initial/Name of the Insured
E01_01 Patient Care Report Number
E07_04 Insurance Company Billing Priority
E07_06 Insurance Company City
E07_08 Insurance Company Zip Code
E07_10 Insurance Policy ID Number
E07_12 First Name of the Insured

WORK-RELATED

E07_15

Data [combo] single-choice

Definition

Indication of whether or not the injury is work related.

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

Field Values

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

Additional Information

- If work related this data point is associated with Patient's Occupational Industry (E07_16) and Patient's Occupation (E07_17)

Uses

- Can be used to better describe injuries along with the Injury specific data
- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

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

PATIENT'S OCCUPATIONAL INDUSTRY

E07_16

Data [combo] single-choice

Definition

The occupational industry of the patient's work

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PatientsOccupationalIndustry*
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	**790**	Construction
795	Finance, Insurance, and Real Estate	**800**	Government
805	Manufacturing	**810**	Mining
815	Retail Trade	**820**	Services
825	Transportation and Public Utilities	**830**	Wholesale Trade

Additional Information

- Recorded if Work Related (E07_15) also with Patient's Occupation (E07_17)
- US Bureau of Labor Statistics Industry Classification

Uses

- Can be used to better describe injuries along with the Injury specific data
- Key component of an EMS Medical Record for billing

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		

PATIENT'S OCCUPATION

E07_17

Data [combo] single-choice

Definition

The occupation of the patient

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PatientsOccupation*
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
835 Management Occupations
840 Business and Financial Operations Occupations
845 Computer and Mathematical Occupations
850 Architecture and Engineering Occupations
855 Life, Physical, and Social Science Occupations
860 Community and Social Services Occupations
865 Legal Occupations
870 Education, Training, and Library Occupations
875 Arts, Design, Entertainment, Sports, and Media Occupations
880 Healthcare Practitioners and Technical Occupations
885 Healthcare Support Occupations
890 Protective Service Occupations
895 Food Preparation and Serving Related Occupations
900 Building and Grounds Cleaning and Maintenance Occupations
905 Personal Care and Service Occupations
910 Sales and Related Occupations
915 Office and Administrative Support Occupations
920 Farming, Fishing and Forestry Occupations
925 Construction and Extraction Occupations
930 Installation, Maintenance, and Repair Occupations
935 Production Occupations
940 Transportation and Material Moving Occupations
945 Military Specific Occupations

Additional Information

- 1999 US Bureau of Labor Statistics Standard Occupational Classification (SOC)
- Recorded if Work Related (E07_15) also with Patient's Occupational Industry (E07_16)

Uses

- Can be used to better describe injuries along with the Injury specific data
- Key component of an EMS Medical Record for billing

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

CLOSEST RELATIVE/GUARDIAN LAST NAME

E07_18

Data [text]

Definition

The last (family) name of the patient's closest relative or guardian

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: E07_18, E07_19, and E07_20 are all members of E07_18_01 Closest Relative Structure

Field Values

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

Additional Information

- The Closest Relataive/Gardian Name group includes E07_18, E07_19, and E07_20

Uses

- Key component of an EMS Medical Record for contact information associated with billing
- Key component of an EMS Medical Record if the patient is a minor

Data Collector

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

Other Associated Elements

E00 Common Null Values
E06_01 Last Name
E07_20 Middle Initial/Name of the Closest Relative/ Guardian
E01_01 Patient Care Report Number
E07_19 First Name of the Closest Relative/ Guardian

FIRST NAME OF THE CLOSEST RELATIVE/ GUARDIAN

E07_19

Data [text]

Definition

The first (given) name of the patient's closest relative or guardian

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: E07_18, E07_19, and E07_20 are all members of E07_18_01 Closest Relative Structure

Field Values

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

Additional Information

- The Closest Relataive/Gardian Name group includes E07_18, E07_19, and E07_20

Uses

- Key component of an EMS Medical Record for contact information associated with billing
- Key component of an EMS Medical Record if the patient is a minor

Data Collector

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

Other Associated Elements

E00 Common Null Values
E06_01 Last Name
E07_20 Middle Initial/Name of the Closest Relative/ Guardian
E01_01 Patient Care Report Number
E07_18 Closest Relative/Guardian Last Name

MIDDLE INITIAL/NAME OF THE CLOSEST RELATIVE/ GUARDIAN

E07_20

Data [text]

Definition

The middle name/initial, if any, of the closest relative or guardian.

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: E07_18, E07_19, and E07_20 are all members of E07_18_01 Closest Relative Structure

Field Values

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

Additional Information

- The Closest Relataive/Gardian Name group includes E07_18, E07_19, and E07_20

Uses

- Key component of an EMS Medical Record for contact information associated with billing
- Key component of an EMS Medical Record if the patient is a minor

Data Collector

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

Other Associated Elements

E00 Common Null Values
E06_01 Last Name
E07_19 First Name of the Closest Relative/ Guardian
E01_01 Patient Care Report Number
E07_18 Closest Relative/Guardian Last Name

CLOSEST RELATIVE/ GUARDIAN STREET ADDRESS

E07_21

Data [text]

Definition

The home street address of the patient's closest relative or guardian

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: E07_21, E07_22, E07_23, E07_24 are all members of E07_21_0 Closest Relatives Address Structure

Field Values

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

Additional Information

- The Closest Relataive/Gardian Address group includes E07_21, E07_22, E07_23, and E07_24

Uses

- Key component of an EMS Medical Record for contact information associated with billing
- Key component of an EMS Medical Record if the patient is a minor

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
E07_18 Closest Relative/Guardian Last Name
E07_22 Closest Relative/ Guardian City
E07_23 Closest Relative/ Guardian State
E07_24 Closest Relative/ Guardian Zip Code

CLOSEST RELATIVE/ GUARDIAN CITY

E07_22

Data [combo] single-choice

Definition

The home city of the patient's closest relative or guardian

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: E07_21, E07_22, E07_23, E07_24 are all members of E07_21_0 Closest Relatives Address Structure

Field Values

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

Additional Information

- 5 digit FIPS Code
- Could be filled in from Closest Relative/Guardian Zip Code (E07_24)
- The Closest Relataive/Gardian Address group includes E07_21, E07_22, E07_23, and E07_24

Uses

- Key component of an EMS Medical Record for contact information associated with billing
- Key component of an EMS Medical Record if the patient is a minor

Data Collector

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

Other Associated Elements

E00 Common Null Values
E06_01 Last Name
E07_21 Closest Relative/ Guardian Street Address
E07_24 Closest Relative/ Guardian Zip Code
E01_01 Patient Care Report Number
E07_18 Closest Relative/Guardian Last Name
E07_23 Closest Relative/ Guardian State

CLOSEST RELATIVE/ GUARDIAN STATE

E07_23

Data [combo] single-choice

Definition

The home state of the patient's closest relative or guardian

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: E07_21, E07_22, E07_23, E07_24 are all members of E07_21_0 Closest Relatives Address Structure

Field Values

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

Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Closest Relative/Guardian Zip Code (E07_24)
- The Closest Relataive/Gardian Address group includes E07_21, E07_22, E07_23, and E07_24

Uses

- Key component of an EMS Medical Record for contact information associated with billing
- Key component of an EMS Medical Record if the patient is a minor

Data Collector

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

Other Associated Elements

E00 Common Null Values
E06_01 Last Name
E07_21 Closest Relative/ Guardian Street Address
E07_24 Closest Relative/ Guardian Zip Code
E01_01 Patient Care Report Number
E07_18 Closest Relative/Guardian Last Name
E07_22 Closest Relative/ Guardian City

CLOSEST RELATIVE/ GUARDIAN ZIP CODE

E07_24

Data [text]

Definition

The home Zip Code of the patient's closest relative or guardian

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *Zip*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: E07_21, E07_22, E07_23, E07_24 are all members of E07_21_0 Closest Relatives Address Structure

Field Values

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

Additional Information

- Can be a 5 or 9 digit Zip Code
- The Closest Relataive/Gardian Address group includes E07_21, E07_22, E07_23, and E07_24

Uses

- Key component of an EMS Medical Record for contact information associated with billing
- Key component of an EMS Medical Record if the patient is a minor

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
E07_18 Closest Relative/Guardian Last Name
E07_21 Closest Relative/ Guardian Street Address
E07_22 Closest Relative/ Guardian City
E07_23 Closest Relative/ Guardian State

CLOSEST RELATIVE/ GUARDIAN PHONE NUMBER

E07_25

Data [number]

Definition

The home or other phone number of the patient's closest relative or guardian

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

Field Values

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

Additional Information

- 10 digit telephone number

Uses

- Key component of an EMS Medical Record for contact information associated with billing
- Key component of an EMS Medical Record if the patient is a minor

Data Collector

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

Other Associated Elements

E00 Common Null Values
E06_01 Last Name
E01_01 Patient Care Report Number
E07_18 Closest Relative/Guardian Last Name

CLOSEST RELATIVE/ GUARDIAN RELATIONSHIP

E07_26

Data [combo] single-choice

Definition

The relationship of the patient's closest relative or guardian

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

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
955 Father
965 Other
975 Spouse
-20 Not Recorded
-10 Not Known
950 Appointed Guardian
960 Mother
970 Son/Daughter

Uses

- Key component of an EMS Medical Record for contact information associated with billing
- Key component of an EMS Medical Record if the patient is a minor

Data Collector

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

Other Associated Elements

E00 Common Null Values
E06_01 Last Name
E01_01 Patient Care Report Number
E07_18 Closest Relative/Guardian Last Name

PATIENT'S EMPLOYER

E07_27

Data [text]

Definition

The name of the patient's employer

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

XSD Structure: (1) E07_27, E07_28, E07_29, E07_30, E07_31 are all members of E07_27_0 Patient's Employer Structure.
(2) E07_28, E07_29, E07_30, and E07_31 are all members of the E07_28_0 Employer's Address Structure

Field Values

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

Additional Information

- The Patient's Employer's Address group includes E07_27, E07_28, E07_29, E07_30, and E07_31

Uses

- Key component of an EMS Medical Record for contact information associated with billing

Data Collector

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

Other Associated Elements

E00 Common Null Values
E06_01 Last Name
E07_29 Patient’s Employer’s City
E07_31 Patient’s Employer’s Zip Code
E01_01 Patient Care Report Number
E07_28 Patient's Employer's Address
E07_30 Patient’s Employer’s State

PATIENT'S EMPLOYER'S ADDRESS

E07_28

Data [text]

Definition

The street address of the patient's employer

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: (1) E07_27, E07_28, E07_29, E07_30, E07_31 are all members of E07_27_0 Patient's Employer Structure.
(2) E07_28, E07_29, E07_30, and E07_31 are all members of the E07_28_0 Employer's Address Structure

Field Values

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

Additional Information

- The Patient's Employer's Address group includes E07_27, E07_28, E07_29, E07_30, and E07_31

Uses

- Key component of an EMS Medical Record for contact information associated with billing

Data Collector

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

Other Associated Elements

E00 Common Null Values
E06_01 Last Name
E07_29 Patient’s Employer’s City
E07_31 Patient’s Employer’s Zip Code
E01_01 Patient Care Report Number
E07_27 Patient's Employer
E07_30 Patient’s Employer’s State

PATIENT'S EMPLOYER'S CITY

E07_29

Data [combo] single-choice

Definition

The home city of the patient's employer

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: (1) E07_27, E07_28, E07_29, E07_30, E07_31 are all members of E07_27_0 Patient's Employer Structure.
(2) E07_28, E07_29, E07_30, and E07_31 are all members of the E07_28_0 Employer's Address Structure

Field Values

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

Additional Information

- 5 digit FIPS Code
- Could be filled in from Patient's Employer's Zip Code (E07_31)
- The Patient's Employer's Address group includes E07_27, E07_28, E07_29, E07_30, and E07_31

Uses

- Key component of an EMS Medical Record for contact information associated with billing

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
E07_27 Patient's Employer
E07_30 Patient's Employer's State
E01_01 Patient Care Report Number
E07_28 Patient's Employer's Address
E07_31 Patient's Employer's Zip Code

PATIENT'S EMPLOYER'S STATE

E07_30

Data [combo] single-choice

Definition

The home state of the patient's employer

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: (1) E07_27, E07_28, E07_29, E07_30, E07_31 are all members of E07_27_0 Patient's Employer Structure.
(2) E07_28, E07_29, E07_30, and E07_31 are all members of the E07_28_0 Employer's Address Structure

Field Values

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

Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Patient's Employer's Zip Code (E07_31)
- The Patient's Employer's Address group includes E07_27, E07_28, E07_29, E07_30, and E07_31

Uses

- Key component of an EMS Medical Record for contact information associated with billing

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
E07_27 Patient's Employer
E07_29 Patient's Employer's City
E01_01 Patient Care Report Number
E07_28 Patient's Employer's Address
E07_31 Patient's Employer's Zip Code

PATIENT'S EMPLOYER'S ZIP CODE

E07_31

Data [text]

Definition

The home Zip Code of the patient's employer

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *Zip*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: (1) E07_27, E07_28, E07_29, E07_30, E07_31 are all members of E07_27_0 Patient's Employer Structure.
(2) E07_28, E07_29, E07_30, and E07_31 are all members of the E07_28_0 Employer's Address Structure

Field Values

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

Additional Information

- Can be a 5 or 9 digit Zip Code
- The Patient's Employer's Address group includes E07_27, E07_28, E07_29, E07_30, and E07_31

Uses

- Key component of an EMS Medical Record for contact information associated with billing

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
E07_27 Patient's Employer
E07_29 Patient's Employer's City
E01_01 Patient Care Report Number
E07_28 Patient's Employer's Address
E07_30 Patient's Employer's State

PATIENT'S WORK TELEPHONE NUMBER

E07_32

Data [number]

Definition

The patient's work telephone number

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

Field Values

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

Additional Information

- 10 digit telephone number

Uses

- Key component of an EMS Medical Record for contact information associated with billing

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

RESPONSE URGENCY

E07_33

Data [combo] single-choice

Definition

The urgency in which the EMS agency began to mobilize resources.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ResponseUrgency*
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
980 Immediate
985 Non-Immediate

Uses

- Key component of an EMS Medical Record for contact information associated with 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

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

ICD-9 CODE FOR THE CONDITION CODE NUMBER

E07_36

Data [text]

Definition

The ICD-9 Code assigned by CMS for the condition code documented in E7.35. Please consult CMS documentation for detailed descriptions of the Condition Codes and their use.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *ICD9CodeForConditionCode*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No **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
-15 Not Reporting
-5 Not Available
-20 Not Recorded
-10 Not Known

Additional Information

- From the Center for Medicare and Medicaid Services (CMS) Ambulance Fee Schedule Condition Based Coding
- Should be automatically filled in based on the Condition Code Number (E07_35)

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
E07_35 Condition Code Number
E01_01 Patient Care Report Number
E07_37 Condition Code Modifier

CONDITION CODE MODIFIER

E07_37

Data [combo] multiple-choice

Definition

The CMS Condition Code Modifier is used to better describe the EMS ground or air medical services response and service delivery. Please consult CMS documentation for detailed descriptions of these modifiers and their use.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *AirAmbulanceModifier*
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
1035 A-Interfacility Transport (requires higher level of care)
1036 B-Interfacility Transport (service not available)
1037 C-ALS Response to BLS Patient
1038 D-Medically Necessary Transport (Not Nearest Facility)
1039 E-BLS Transport of ALS Patient
1040 F-Emergency Trauma Dispatch Condition Code (patient is BLS)
1041 Air-A-Long Distance
1042 Air-B-Traffic Precludes Ground Transport
1043 Air-C-Time Precludes Ground Transport
1044 Air-D-Pick up Point not Accessible by Ground Transport

Additional Information

- From the Center for Medicare and Medicaid Services (CMS) Ambulance Fee Schedule Condition Based Coding
- This coding system is character based to match the CMS Modifier Condition Code

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

Scene

OTHER EMS AGENCIES AT SCENE

E08_01

Data [combo] multiple-choice

Definition

Other EMS agencies that were at the scene, if any

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

OTHER SERVICES AT SCENE

E08_02

Data [combo] multiple-choice

Definition

Other services that were at the scene, if any

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

ESTIMATED DATE/TIME INITIAL RESPONDER ARRIVED ON SCENE

E08_03

Data [combo] single-choice

Definition

The date/time differential between the initial responder and the EMS unit arriving on the scene, if applicable.

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

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
1105 5 - 15 Minutes
1115 After EMS
-20 Not Recorded
-10 Not Known
1100 >15 minutes
1110 <5 Minutes

Additional Information

- EMS Systems can choose to document First Responder Arrival Time either by a time frame (E08_03) or by recording the exact time (E08_04). Systems only need to use one of these two data elements

Uses

- Allows for the evaluation of First Responder services within an EMS Agency
- Used for Quality Management reports associated with service delivery and clinical care/ outcomes

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

DATE/TIME INITIAL RESPONDER ARRIVED ON SCENE

E08_04

Data [date/time]

Definition

The time that the initial responder arrived on the scene, if applicable.

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

- EMS Systems can choose to document First Responder Arrival Time either by a time frame (E08_03) or by recording the exact time (E08_04). Systems only need to use one of these two data elements
- 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 the evaluation of First Responder services within an EMS Agency
- Used for Quality Management reports associated with service delivery and clinical care/ outcomes

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number

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

Additional Information

- Based on ICD-9

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 05 Location Type

References to Other Databases

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

INCIDENT FACILITY CODE

E08_08

Data [text]

Definition

The state or regulatory number (code) associated with the facility if the Incident is a Healthcare Facility.

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

Field Values

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

Additional Information

- Could be a editable list box Created from Hospitals Facility Number (D04_12) and Other Destination Facility Number (D04_14)

Uses

- 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
E08_07 Incident Location Type
E01_01 Patient Care Report Number

SCENE ZONE NUMBER

E08_09

Data [combo] single-choice

Definition

Geographic zone representing the location of the scene

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *ZoneNumber*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **30**

Field Values

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

Additional Information

- Created from Zones (D04_03)

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

E00 Common Null Values
E01_01 Patient Care Report Number
E08_07 Incident Location Type

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

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
E08_07 Incident Location Type
E08_14 Incident State
E01_01 Patient Care Report Number
E08_12 Incident City
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
-15 Not Reporting
-5 Not Available
-20 Not Recorded
-10 Not Known

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
E08_07 Incident Location Type
E08_14 Incident State
E01_01 Patient Care Report Number
E08_11 Incident Address
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 *xs:string* **XSD Domain (Simple Type)** *County*
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
-15 Not Reporting
-5 Not Available
-20 Not Recorded
-10 Not Known

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
E08_07 Incident Location Type
E08_12 Incident City
E01_01 Patient Care Report Number
E08_11 Incident Address
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
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

Situation

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

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

OUTCOME OF THE PRIOR AID

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

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 *xs:string* **XSD Domain (Simple Type)** *ChiefComplaintNarrative*
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

DURATION OF CHIEF COMPLAINT

E09_06

Data

[number]

Definition

The time duration of the chief complaint

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DurationOfChiefComplaint*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **360**
XSD Structure: E09_06 and E09_07 are members of E09_06_0 Duration of Chief Complaint Structure

Field Values

Uses

- Important for an EMS Medical Record
- Important to evaluate clinical conditions which are time dependant such as MI or Stroke to determine appropriate EMS care

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number
E09_05 Chief Complaint
E09_07 Time Units of Duration of Chief Complaint

TIME UNITS OF DURATION OF CHIEF COMPLAINT

E09_07

Data [combo] single-choice

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TimeUnitsOfChiefComplaint*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No
XSD Structure: E09_06 and E09_07 are members of E09_06_0 Duration of Chief Complaint Structure

Field Values

1235 Seconds
1240 Minutes
1245 Hours
1250 Days
1255 Weeks
1260 Months
1265 Years

Uses

- Important for an EMS Medical Record
- Important to evaluate clinical conditions which are time dependant such as MI or Stroke to determine appropriate EMS care

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number
E09_05 Chief Complaint
E09_06 Duration of Chief Complaint

SECONDARY COMPLAINT NARRATIVE

E09_08

Data [text]

Definition

The narrative of the patient's secondary complaint

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

DURATION OF SECONDARY COMPLAINT

E09_09

Data [number]

Definition

The duration of the secondary complaint

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DurationOfSecondaryComplaint*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **360**
XSD Structure: E09_09 and E09_10 are members of E09_09_0 Duration of Secondary Complaint Structure

Field Values

Uses

- Important for an EMS Medical Record
- Important to evaluate clinical conditions which are time dependant such as MI or Stroke to determine appropriate EMS care

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number
E09_10 Time Units of Duration of Secondary Complaint
E09_08 Secondary Complaint Narrative

TIME UNITS OF DURATION OF SECONDARY COMPLAINT

E09_10

Data [combo] single-choice

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TimeUnitsOfSecondaryComplaint*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No
XSD Structure: E09_09 and E09_10 are members of E09_09_0 Duration of Secondary Complaint Structure

Field Values

1270 Seconds
1275 Minutes
1280 Hours
1285 Days
1290 Weeks
1295 Months
1300 Years

Uses

- Important for an EMS Medical Record
- Important to evaluate clinical conditions which are time dependant such as MI or Stroke to determine appropriate EMS care

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number
E09_08 Secondary Complaint Narrative
E09_09 Duration of Secondary 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 *xs:integer* **XSD Domain (Simple Type)** *ComplaintAnatomicLocation*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD Yes

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

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 Paid = 18, Diabetic Symptom = 19, Do Not Resuscitate = 20, Electrocution = 21, General Illness = 2, Hemorrhaging/Bleeding = 23, Hyperthermia = 24, Hypothermia = 25, Hypovolemia = 26, Inhalation Injury, Toxic Gases = 27, Obvious Death = 28, Overdose/Poisoning = 29, Pregnancy/OB = 30, Respiratory Arrest = 31, Respiratory Distress = 32, Seizure = 33, Sexual Assault = 34, Sting/Bite = 35, Stroke/CVA = 36, Syncope, Fainting = 37, Trauma = 38, Other Impression/Assessment = 00, None/No patient or refused Treatment = NN

PROVIDER'S SECONDARY IMPRESSION

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- Electrocution	**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

Situation/ Trauma

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

INTENT OF THE INJURY

E10_02

Data [combo] single-choice

Definition

The intent of the individual inflicting the injury

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *IntentOfInjury*
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	**2020**	Intentional, Other (Assaulted)
2025	Intentional, Self	**2030**	Unintentional

Additional Information

- Complete only if Possible Injury (E09_04) is “Yes”

Uses

- Important component of an EMS Medical Record: documentation of Intentional, Self
- 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

References in NHTSA Version 1

Desirable Element 54 Injury Intent

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Other Factors; Describes the other factors that contributed to the patient’s injury. Not to be completed with an illness.; Pick-List: Accidental = 1, Self-Inflicted = 2, Inflicted, Not Self. Included are attacks by animals and persons = 3, None or No Other Factors = N

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
-15 Not Reporting
-5 Not Available
2040 Burn
2050 Penetrating
-20 Not Recorded
-10 Not Known
2035 Blunt
2045 Other

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
-15 Not Reporting
-5 Not Available
2060 DOA Same Vehicle
2070 Fire
2080 Side Post Deformity
2090 Steering Wheel Deformity
-20 Not Recorded
-10 Not Known
2055 Dash Deformity
2065 Ejection
2075 Rollover/Roof Deformity
2085 Space Intrusion >1 foot
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

AREA OF THE VEHICLE IMPACTED BY THE COLLISION

E10_05

Data [combo] multiple-choice

Definition

The area or location of impact on the vehicle

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *AreaOfVehicleImpact*
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	**2100**	Center Front
2105	Center Rear	**2110**	Left Front
2115	Left Rear	**2120**	Left Side
2125	Right Front	**2130**	Right Rear
2135	Right Side	**2140**	Roll Over

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

SEAT ROW LOCATION OF PATIENT IN VEHICLE

E10_06

Data [text]

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *SeatRowLocation*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **50**
XSD Structure: E10_06 and E10_07 are members of E10_06_0 Position of Patient Structure

Field Values

- If a value of 50 is passed, the location is designated "Cargo Area"

Additional Information

- Complete only if Possible Injury (E09_04) is “Yes”
- Could be configured as a single choice combo box
- Numbered to take into account large vehicles such as buses or vans (1 = Front) or (Cargo Area = 50)

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number
E10_07 Position of Patient in the Seat of the Vehicle

POSITION OF PATIENT IN THE SEAT OF THE VEHICLE

E10_07

Data [combo] single-choice

Definition

The position of the patient in seat of the vehicle at the time of the crash

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PositionOfPatientInSeat*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: E10_06 and E10_07 are members of E10_06_0 Position of Patient Structure

Field Values

-25	Not Applicable	**-20**	Not Recorded
-15	Not Reporting	**-10**	Not Known
-5	Not Available	**2145**	Driver
2150	Left (non-driver)	**2155**	Middle
2160	Other	**2165**	Right

Additional Information

- Complete only if Possible Injury (E09_04) is “Yes”

Uses

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

Data Collector

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

Other Associated Elements

E00	Common Null Values	**E01_01**	Patient Care Report Number
E10_06	Seat Row Location of Patient in Vehicle		

USE OF OCCUPANT SAFETY EQUIPMENT

E10_08

Data [combo] multiple-choice

Definition

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

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

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
2175 Eye Protection
2185 Lap Belt
2190 Other
2200 Protective Clothing
2210 Shoulder Belt
-20 Not Recorded
-10 Not Known
2170 Child Restraint
2180 Helmet Worn
2187 None
2195 Personal Floatation Device
2205 Protective Non-Clothing Gear

Additional Information

- Complete only if Possible Injury (E09_04) is “Yes”

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 55 Safety Equipment

References to Other Databases

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

AIRBAG DEPLOYMENT

E10_09

Data [combo] multiple-choice

Definition

Indication of Airbag deployment during the motor vehicle crash.

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

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
2220 No Airbag Deployed
2230 Airbag Deployed Side
-20 Not Recorded
-10 Not Known
2215 No Airbag Present
2225 Airbag Deployed Front
2235 Airbag Deployed Other (knee, airbelt, etc.)

Additional Information

- Complete only if Possible Injury (E09_04) is “Yes”

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 55 Safety Equipment

References to Other Databases

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

HEIGHT OF FALL

E10_10

Data [number]

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *HeightOfFall*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **50,000**

Field Values

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

E01_01 Patient Care Report Number

Situation/ CPR

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 evert.

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
-15 Not Reporting
-5 Not Available
2255 Trauma
2265 Respiratory
2275 Other
-20 Not Recorded
-10 Not Known
2250 Presumed Cardiac
2260 Drowning
2270 Electrocution

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)** *ResucitationAttempted*
Multiple Entry Configuration Yes **Accepts Null Values** **Yes**
Required in XSD Yes

Field Values

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

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
-15 Not Reporting
-5 Not Available
2315 Witnessed by Lay Person
-20 Not Recorded
-10 Not Known
2310 Witnessed by Healthcare Provider
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 Rh

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 evert.

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

NEUROLOGICAL OUTCOME AT HOSPITAL DISCHARGE

E11_07

Data [combo] single-choice

Definition

The level of cerebral performance of the patient at the time of discharge from the Hospital:

- 1 = Good Cerebral Performance: Conscious, Alert, able to work and lead a normal life
- 2 = Moderate Cerebral Disability: Conscious and able to function independently (dress, travel, prepare food) may have hemiplegia, seizures, or permanent memory or mental changes
- 3 = Severe Cerebral Disability: Conscious, dependent on others for daily support, functions only in an institution or at home with exceptional family effort
- 4 - Coma, vegetative state

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

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
2385 CPC 3 or 4
-20 Not Recorded
-10 Not Known
2380 CPC 1 or 2

Additional Information

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

Uses

- 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

- UTSTEIN Title: Neurological Outcome at Discharge; [combo] CPC 1 or 2, CPC 3 or 4, Unknown

ESTIMATED TIME OF ARREST PRIOR TO EMS ARRIVAL

E11_08

Data [combo] single-choice

Definition

The length of time the patient was down (estimated) before the responding unit arrived at the patient

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

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
2395 15-20 Minutes
2405 8-10 Minutes
2415 4-6 Minutes
2425 0-2 Minutes
-20 Not Recorded
-10 Not Known
2390 >20 Minutes
2400 10-15 Minutes
2410 6-8 Minutes
2420 2-4 Minutes

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

DATE/TIME RESUSCITATION DISCONTINUED

E11_09

Data [date/time]

Definition

The date/time the CPR was discontinued (or could be time of death)

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

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

E01_01 Patient Care Report Number

References in NHTSA Version 1

Desirable Element 60 Time CPR Discontinued

REASON CPR DISCONTINUED

E11_10

Data [combo] single-choice

Definition

The reason that CPR or the resuscitation efforts were discontinued.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ReasonCPRDiscontinued*
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	**2430**	DNR
2435	Medical Control Order	**2440**	Obvious Signs of Death
2445	Protocol/Policy Requirements Completed	**2450**	Return of Spontaneous Circulation (pulse or BP noted)

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

CARDIAC RHYTHM ON ARRIVAL AT DESTINATION

E11_11

Data [combo] multiple-choice

Definition

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

References in NHTSA Version 1

Desirable Element 67 Rhythm at Destination

Medical History

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

SENDING FACILITY MEDICAL RECORD NUMBER

E12_02

Data [text]

Definition

The medical record number of the medical facility who is transferring care to EMS

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

Uses

- A component of the EMS Medical Record: Patient Care Report
- Used to connect information between two hospitals
- Used to link EMS data to hospital data

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

DESTINATION MEDICAL RECORD NUMBER

E12_03

Data [text]

Definition

The patient's medical record number at the patient's receiving facility

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

Uses

- A component of the EMS Medical Record: Patient Care Report
- Used to connect information between two hospitals
- Used to link EMS data to hospital data

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

FIRST NAME OF PATIENT'S PRIMARY PRACTITIONER

E12_04

Data [text]

Definition

The first name of the patient's primary practitioner

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *FirstName*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **30**
XSD Structure: E12_04, E12_05, and E12_06 are all members of E12_4_0 Primary Practitioner's Name Structure

Field Values

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

Uses

- Part 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
E12_05 Middle Name of Patient's Primary Practitioner
E12_06 Last Name of Patient's Primary Practitioner

MIDDLE NAME OF PATIENT'S PRIMARY PRACTITIONER

E12_05

Data [text]

Definition

The middle name of the patient's primary practitioner

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: E12_04, E12_05, and E12_06 are all members of E12_4_0 Primary Practitioner's Name Structure

Field Values

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

Uses

- Part 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
E06_01 Last Name
E12_06 Last Name of Patient's Primary Practitioner
E01_01 Patient Care Report Number
E12_04 First Name of Patient's Primary Practitioner

LAST NAME OF PATIENT'S PRIMARY PRACTITIONER

E12_06

Data [text]

Definition

The last name of the patient's primary practitioner

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: E12_04, E12_05, and E12_06 are all members of E12_4_0 Primary Practitioner's Name Structure

Field Values

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

Uses

- Part 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
E06_01 Last Name
E12_05 Middle Name of Patient's Primary Practitioner
E01_01 Patient Care Report Number
E12_04 First Name of Patient's Primary Practitioner

ADVANCED DIRECTIVES

E12_07

Data [combo] multiple-choice

Definition

The presence of a valid for of living will of document directing end of life or healthcare treatment decisions

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

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
2650 Other Healthcare DNR Form
2660 Family/Guardian request DNR (but no documentation)
2670 None
-20 Not Recorded
-10 Not Known
2645 State/EMS DNR Form
2655 Living Will
2665 Other

Additional Information

- DNR = Do Not Resuscitate

Uses

- Can be used to describe the EMS population and adjust EMS resources as needed
- Part 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
E06_01 Last Name
E01_01 Patient Care Report Number

MEDICATION ALLERGIES

E12_08

Data [combo] multiple-choice

Definition

The patient's medication allergies

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

Field Values

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

Additional Information

- A Drug List should be created to serve as a list box which can contain any generic or trade name of a drug approved by the FDA
- Alternatively, the drugs may be entered as a multiple entry text configuration

Uses

- Part 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

ENVIRONMENTAL/FOOD ALLERGIES

E12_09

Data [combo] multiple-choice

Definition

The patient's known allergies to food or environmental agents.

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

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
2680 Food Allergy
2690 Chemical
2700 None
-20 Not Recorded
-10 Not Known
2675 Insect Sting
2685 Latex
2695 Other

Uses

- Part 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
E06_01 Last Name
E01_01 Patient Care Report Number

MEDICAL/SURGICAL HISTORY

E12_10

Data [combo or text] multiple-choice

Definition

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

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

Field Values

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

Additional Information

- A Medical/Surgical History list should be created to serve as a listbox which can contain any ICD-9 coded diagnosis or procedure
- The field should store the values of the ICD-9 codes since CMS has not adopted ICD-10 level codes at the time of this document

Uses

- Part 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

Essential Element 51 Pre-Existing Condition

MEDICAL HISTORY OBTAINED FROM

E12_11

Data [combo] single-choice

Definition

Type of person medical history obtained from

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MedicalHistoryObtainedFrom*
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
2705 Bystander/Other
2710 Family
2715 Health Care Personnel
2720 None
2725 Patient

Uses

- Part 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

IMMUNIZATION HISTORY

E12_12

Data [combo] multiple-choice

Definition

The type of immunization the patient has received.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ImmunizationType*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No
XSD Structure: E12_12 and E12_13 are members of E12_12_0 Immunization History Structure

Field Values

2730 Anthrax
2735 DPT (Diphtheria, Tetanus, Pertussis)
2740 Hemophilus Influenza B
2745 Hepatitis A
2750 Hepatitis B
2755 Influenza (Flu)
2760 MMR (Measles, Mumps, Rubella)
2765 Polio = 8, Pneumococcal (pneumonia)
2770 Small Pox
2775 Tetanus
2780 Varicella

Uses

- Part of the Medical History of the patient and could be important in a Bioterrorism event

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
E12_13 Immunization Date

IMMUNIZATION DATE

E12_13

Data [text]

Definition

The date of the associated immunization type.

XSD Data Type *xs:gyear* **XSD Domain (Simple Type)** *ImmunizationDate*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **1,890** **Maximum Constraint** **2,030**
XSD Structure: E12_12 and E12_13 are members of E12_12_0 Immunization History Structure

Field Values

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

Additional Information

- Could be configured with a list box of years formatted as YYYY
- Format [YYYY]

Uses

- Part of the Medical History of the patient and could be important in a Bioterrorism event

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
E12_12 Immunization History

CURRENT MEDICATIONS

E12_14

Data [combo or text] multiple-choice

Definition

The medications the patient currently takes

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *CurrentMedicationName*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **30**
XSD Structure: (1) E12_14, E12_15, E12_16, and E12_17 are all members of E12_14_0 Current Medications Structure. (2) E12_15 and E12_16 are members of E12_15_0 Current Medication Dose Structure

Field Values

Additional Information

- A Drug List should be created to serve as a listbox which can contain any generic or trade name of a drug approved by the FDA
- Alternatively, the drugs may be entered as a multiple entry text configuration
- The Drug List should also include “None”

Uses

- Part 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

E01_01 Patient Care Report Number
E12_15 Current Medication Dose
E12_16 Current Medication Dosage Unit
E12_17 Current Medication Administration Route

CURRENT MEDICATION DOSE

E12_15

Data [number]

Definition

The numeric dose or amount of the patient's current medication

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *CurrentMedicationDose*
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) E12_14, E12_15, E12_16, and E12_17 are all members of E12_14_0 Current Medications Structure. (2) E12_15 and E12_16 are members of E12_15_0 Current Medication Dose Structure

Field Values

Uses

- Part 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

E01_01 Patient Care Report Number
E12_14 Current Medications
E12_16 Current Medication Dosage Unit
E12_17 Current Medication Administration Route

CURRENT MEDICATION DOSAGE UNIT

E12_16

Data [combo] single-choice

Definition

The dosage unit of the patient's current medication

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *CurrentMedicationDosageUnit*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No
XSD Structure: (1) E12_14, E12_15, E12_16, and E12_17 are all members of E12_14_0 Current Medications Structure. (2) E12_15 and E12_16 are members of E12_15_0 Current Medication Dose Structure

Field Values

2785 GMS
2790 Inches
2795 IU
2800 KVO (TKO)
2805 L/MIN
2810 LITERS
2815 LPM
2820 MCG
2825 MCG/KG/MIN
2830 MEQ
2835 MG
2840 MG/KG/MIN
2845 ML
2850 ML/HR
2855 Other
2860 Puffs

Uses

- Part 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

E01_01 Patient Care Report Number
E12_14 Current Medications
E12_15 Current Medication Dose
E12_17 Current Medication Administration Route

References to Other Databases

- DEEDS DEEDS/HL-7 Version 2.3

CURRENT MEDICATION ADMINISTRATION ROUTE

E12_17

Data [combo] single-choice

Definition

The administration route (po, SQ, etc.) of the patients current medication

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *CurrentMedicationAdministrationRoute*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: (1) E12_14, E12_15, E12_16, and E12_17 are all members of E12_14_0 Current Medications Structure. (2) E12_15 and E12_16 are members of E12_15_0 Current Medication Dose Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
-20 Not Recorded
-10 Not Known
2865 Endotracheal tube
2870 Gastrostomy
2875 Inhalation
2880 Intramuscular
2890 Intraocular
2895 Intravenous
2900 Nasal
2905 Nasal prongs
2910 Nasogastric
2915 Ophthalmic
2920 Oral
2925 Other/miscellaneous
2930 Otic
2935 Non Re-breather mask
2940 Rectal
2945 Subcutaneous
2950 Sublingual
2955 Topical
2960 Tracheostomy
2965 Transdermal
2970 Urethral
2975 Ventimask
2980 Wound

Uses

- Part 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
E12_14 Current Medications
E12_15 Current Medication Dose
E12_16 Current Medication Dosage Unit

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

PRESENCE OF EMERGENCY INFORMATION FORM

E12_18

Data [combo] single-choice

Definition

Indication of the presence of the Emergency Information Form associated with patient's with special healthcare needs.

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

Field Values

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

Uses

- A component of the EMS Medical Record: Patient Care Report
- Used to identify EMS patient's who may need special EMS resources within a community
- Used to quickly identify patients during an Emergency or Disaster who may need additional resources or evacuation

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

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

PREGNANCY

E12_20

Data [combo] single-choice

Definition

Indication of the possibility by the patient's history of current pregnancy

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

Field Values

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

Uses

- Part of an EMS Medical Record

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

Narrative

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

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

Assessment/ Vital Signs

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 is 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

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

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

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)** *CardiacRythm*

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 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
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 is 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

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 is 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

METHOD OF BLOOD PRESSURE MEASUREMENT

E14_06

Data [combo] single-choice

Definition

Indication of method of blood pressure procedure.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MethodOfBloodPressure*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No
XSD Structure: (1) Each element is 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

3150 Arterial Line
3155 Automated Cuff
3160 Manual Cuff
3165 Palpated Cuff
3170 Venous Line

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_05 DBP (Diastolic Blood Pressure)

PULSE RATE

E14_07

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 is 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

ELECTRONIC MONITOR RATE

E14_08

Data [number]

Definition

The patient's heart rate as recorded by an electronic monitoring device (ECG, pulse oximetry, etc.)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ElectricMonitorRate*
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 is section E14 is associated with a E14_01 Date/Time

Field Values

Additional Information

- Could be collected from Device Heart Rate (E21_12)

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

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 is 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

PULSE RHYTHM

E14_10

Data [combo] single-choice

Definition

The clinical rhythm of the patients pulse (regular, irregular, etc.)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PulseRhythm*
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
3175 Regular
3180 Irregular

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

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 is 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

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 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	**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 is 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 is 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

GLASGOW COMA SCORE-EYE

E14_15

Data [number]

Definition

The patient's Glasgow Coma Score Eye opening

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *GCSEye*
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** **4**
XSD Structure: (1) Each element is section E14 is associated with a E14_01 Date/Time. (2) E14_15, E14_16, E14_17, and E14_18 are all members of E14_15_0 GCS Score Structure

Field Values

- For All Age Groups: 1 = Does Not Open Eyes
- For All Age Groups: 2 = Opens Eyes to painful stimulation
- For All Age Groups: 3 = Opens Eyes to verbal stimulation
- For All Age Groups: 4 = Opens Eyes spontaneously

Additional Information

- Can be configured as a single choice list box

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

E01_01 Patient Care Report Number
E14_01 Date/Time Vital Signs Taken
E14_16 Glasgow Coma Score-Verbal
E14_17 Glasgow Coma Score-Motor
E14_18 Glasgow Coma Score-Qualifier
E14_19 Total Glasgow Coma Score

References in NHTSA Version 1

Essential Element 73 Glasgow Eye Opening Component

GLASGOW COMA SCORE-VERBAL

E14_16

Data

[number]

Definition

The patient's Glasgow Coma Score Verbal

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

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** **5**

XSD Structure: (1) Each element is section E14 is associated with a E14_01 Date/Time. (2) E14_15, E14_16, E14_17, and E14_18 are all members of E14_15_0 GCS Score Structure

Field Values

- Patients 0-23 months: 1 = None
- Patients 0-23 months: 2 = Persistent cry
- Patients 0-23 months: 3 = Inappropriate cry
- Patients 0-23 months: 4 = Cries, inconsolable
- Patients 0-23 months: 5 = Smiles, coos, cries appropriately
- Patients 2-5 years: 1 = None
- Patients 2-5 years: 2 = Grunts
- Patients 2-5 years: 3 = Cries and/or screams
- Patients 2-5 years: 4 = Inappropriate words
- Patients 2-5 years: 5 = Appropriate words
- Patients >5 years: 1 = None
- Patients >5 years: 2 = Non-specified sounds
- Patients >5 years: 3 = Inappropriate words
- Patients >5 years: 4 = Confused conversation or
- Patients >5 years: 5 = Oriented and appropriate speech

Additional Information

- Can be configured as a single choice list box

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

E01_01 Patient Care Report Number
E14_01 Date/Time Vital Signs Taken
E14_15 Glasgow Coma Score-Eye
E14_17 Glasgow Coma Score-Motor
E14_18 Glasgow Coma Score-Qualifier
E14_19 Total Glasgow Coma Score

References in NHTSA Version 1

Essential Element 74a Glasgow Verbal Component For patients >5 years
Essential Element 74b Glasgow Verbal Component For patients 2-5 years
Essential Element 74c Glasgow Verbal Component for patients 0-23 months

GLASGOW COMA SCORE-MOTOR

E14_17

Data [number]

Definition

The patient's Glasgow Coma Score Motor

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

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** **6**

XSD Structure: (1) Each element is section E14 is associated with a E14_01 Date/Time. (2) E14_15, E14_16, E14_17, and E14_18 are all members of E14_15_0 GCS Score Structure

Field Values

- Patients up to 5 years: 1 = None
- Patients up to 5 years: 2 = Extensor posturing in response to painful stimulation
- Patients up to 5 years: 3 = Flexor posturing in response to painful stimulation
- Patients up to 5 years: 4 = General withdrawal in response to painful stimulation
- Patients up to 5 years: 5 = Localization of painful stimulation
- Patients up to 5 years: 6 = Spontaneous
- Patients >5 years: 1 = None
- Patients >5 years: 2 = Extensor posturing in response to painful stimulation
- Patients >5 years: 3 = Flexor posturing in response to painful stimulation
- Patients >5 years: 4 = General withdrawal in response to painful stimulation
- Patients >5 years: 5 = Localization of painful stimulation
- Patients >5 years: 6 = Obeys commands with appropriate motor responses

Additional Information

- Can be configured as a single choice list box

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

E01_01 Patient Care Report Number
E14_01 Date/Time Vital Signs Taken
E14_15 Glasgow Coma Score-Eye
E14_16 Glasgow Coma Score-Verbal
E14_18 Glasgow Coma Score-Qualifier
E14_19 Total Glasgow Coma Score

References in NHTSA Version 1

Essential Element 75a Glasgow Motor Component For patients >5 years
Essential Element 75b Glasgow Motor Component For patients up to 5 years

GLASGOW COMA SCORE-QUALIFIER

E14_18

Data [combo] single-choice

Definition

Documentation of factors which make the GCS score more meaningful.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *GCSQualifier*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: (1) Each element is section E14 is associated with a E14_01 Date/Time. (2) E14_15, E14_16, E14_17, and E14_18 are all members of E14_15_0 GCS Score Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
-20 Not Recorded
-10 Not Known
3210 Initial GCS has legitimate values without interventions such as intubation and sedation
3215 Patient Chemically Sedated
3220 Patient Intubated
3225 Patient Intubated and Chemically Paralyzed

Additional Information

- Can be configured as a single choice list box

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
E14_15 Glasgow Coma Score-Eye
E14_16 Glasgow Coma Score-Verbal
E14_17 Glasgow Coma Score-Motor
E14_19 Total Glasgow Coma Score

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 is 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_01 Date/Time Vital Signs Taken
E14_15 Glasgow Coma Score-Eye
E14_16 Glasgow Coma Score-Verbal
E14_17 Glasgow Coma Score-Motor
E14_18 Glasgow Coma Score-Qualifier

References in NHTSA Version 1

Desirable Element 76 Glasgow Coma Score (Total)

TEMPERATURE

E14_20

Data [number]

Definition

The patient's body temperature in degrees celsius/centigrade.

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *BodyTemperature*
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** **50**
XSD Structure: (1) Each element is section E14 is associated with a E14_01 Date/Time. (2) E14_20 and E14_21 are members of E14_20_0 Temperature Structure.

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
E14_21 Temperature Method

TEMPERATURE METHOD

E14_21

Data [combo] single-choice

Definition

The method used to obtain the patient's body temperature

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TemperatureMethod*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No
XSD Structure: (1) Each element is section E14 is associated with a E14_01 Date/Time. (2) E14_20 and E14_21 are members of E14_20_0 Temperature Structure.

Field Values

3230 Axillary
3235 Oral
3240 Rectal
3245 Tympanic
3250 Urinary catheter

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_20 Temperature

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 is section E14 is associated with a E14_01 Date/Time

Field Values

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

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

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 is 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

STROKE SCALE

E14_24

Data [combo] single-choice

Definition

The patient's Los Angeles or Cincinnati Stroke Scale Results

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *StrokeScale*
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
3275 Cincinnati Stroke Scale Negative
3280 Cincinnati Stroke Scale Non-conclusive
3285 Cincinnati Stroke Scale Positive
3290 LA Stroke Scale Negative
3295 LA Stroke Scale Non-conclusive
3300 LA Stroke Scale Positive

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

THROMBOLYTIC SCREEN

E14_25

Data [combo] single-choice

Definition

The results of the patient's Thrombolytic Screen for potential Thrombolytic use

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ThrombolyticScreen*
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
3305 Definite Contraindications to Thrombolytic use
3310 No Contraindications to Thrombolytic Use
3315 Possible Contraindications to Thrombolytic Use

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

APGAR

E14_26

Data [number]

Definition

The patient's total APGAR score (0-10). Recommended to be taken at 1 and 5 minutes after the infants birth

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *APGAR*
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 is section E14 is associated with a E14_01 Date/Time

Field Values

Additional Information

- Apgar score could be configured as a single choice combo box with values from 0 -10
- Color: 0 = Blue, Pale, 1 = Body Pink, Extremities Blue, 2 = Pink
- Heart Rate: 0 = Absent, 1 = <100, 2 = >100
- Muscle Tone: 0 = Limp, 1 = Some Flexion, 2 = Good Flexion
- Reflex Irritability (when feet stimulated): 0 = No Response, 1 = Some Motion, 2 = Cry
- Respiratory Effort: 0 = Absent, 1 = Weak Cry, 2 = Strong Cry
- The appropriate number for each of the 5 components should be added together

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

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

REVISED TRAUMA SCORE

E14_27

Data [number]

Definition

The patient's Revised Trauma Score

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *RTS*
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** **12**
XSD Structure: Each element is section E14 is associated with a E14_01 Date/Time

Field Values

Additional Information

- Calculated based on 3 components
- Can be auto-calculated from Respiratory Rate (E14_11), Systolic Blood Pressure (E14_04), and Total GCS (E14_19), if all three components are documented at the same Time (E14_01)
- Neurological Component: 4 = Glasgow coma score 13 - 15, 3 = Glasgow coma score 9 - 12, 2 = Glasgow coma score 6 - 8, 1 = Glasgow coma score 4 - 5, 0 = Glasgow coma score 3
- Respiratory Rate Component: 4 = 10 - 29 per minute, 3 = >29 per minute, 2 = 6 - 9 per minute, 1 = 1 - 5 per minute, 0 = None spontaneous
- Systolic Blood Pressure Component: 4 = >89 mm Hg, 3 = 76 - 89 mm Hg , 2 = 50 - 75 mm Hg, 1 = 1 - 49 mm Hg, 0 = No pulse

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_01** Date/Time Vital Signs Taken

References in NHTSA Version 1

Desirable Element 77 Revised Trauma Score

PEDIATRIC TRAUMA SCORE

E14_28

Data [number]

Definition

The Trauma Score for patients age 12 and under

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PediatricTraumaScore*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**, but null value is blank or empty
Required in XSD No **Minimum Constraint** **-6** **Maximum Constraint** **12**
XSD Structure: Each element is section E14 is associated with a E14_01 Date/Time

Field Values

Additional Information

- Age 12 and Under
- Calculated by adding the appropriate response for each of the 5 components below:
- Can be auto-calculated if programming logic is used to confirm all 5 components
- Component Airway: 2 = Normal, 1 = Maintainable, -1 = Un-maintainable or Intubated
- Component CNS: 2 = Awake, 1 = Altered Mental Status/Obtunded, -1 = Coma/Abnormal Flexion
- Component Open Wounds: 2 = None, 1 = Minor, -1 = Major/Penetrating
- Component Size: 2 = >20 kg, 1 = 10 – 20 kg, -1 = <10 kg
- Component Skeletal Injury: 2 = None, 1 = Closed Fracture, -1 = Open/Multiple Fractures
- Component Systolic Blood Pressure: 2 = > 90 mmHg (or palpable pulse at wrist), 1 = 50–90 mmHg (or palpable pulse at groin), -1 = < 50 mmHg (or no pulse palpable)

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_01 Date/Time Vital Signs Taken

Assessment/ Injury

NHTSA INJURY MATRIX EXTERNAL/SKIN

E15_01

Data [combo] multiple-choice

Definition

Type of injury identified and associated with the external body/Skin (including burns)

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

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3325 Bleeding Controlled
3335 Burn
3345 Dislocation Fracture
3355 Laceration
3365 Puncture/stab
-20 Not Recorded
-10 Not Known
3320 Amputation
3330 Bleeding Uncontrolled
3340 Crush
3350 Gunshot
3360 Pain without swelling/bruising
3370 Soft Tissue Swelling/Bruising

Additional Information

- Blunt Injury Removed from NHTSA 1.0

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

References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- NFIRS 5.0 EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

NHTSA INJURY MATRIX HEAD

E15_02

Data [combo] multiple-choice

Definition

Type of injury identified and associated with the Head (excluding face, neck, cervical spine, and ear)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*
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	**3320**	Amputation
3325	Bleeding Controlled	**3330**	Bleeding Uncontrolled
3335	Burn	**3340**	Crush
3345	Dislocation Fracture	**3350**	Gunshot
3355	Laceration	**3360**	Pain without swelling/bruising
3365	Puncture/stab	**3370**	Soft Tissue Swelling/Bruising

Additional Information

- Blunt Injury Removed from NHTSA 1.0

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

References in NHTSA Version 1

Essential Element 53 Injury Description

NHTSA INJURY MATRIX FACE

E15_03

Data [combo] multiple-choice

Definition

Type of injury identified and associated with the Face (including ear)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*
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	**3320**	Amputation
3325	Bleeding Controlled	**3330**	Bleeding Uncontrolled
3335	Burn	**3340**	Crush
3345	Dislocation Fracture	**3350**	Gunshot
3355	Laceration	**3360**	Pain without swelling/bruising
3365	Puncture/stab	**3370**	Soft Tissue Swelling/Bruising

Additional Information

- Blunt Injury Removed from NHTSA 1.0

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

References in NHTSA Version 1

Essential Element 53 Injury Description

NHTSA INJURY MATRIX NECK

E15_04

Data [combo] multiple-choice

Definition

Type of injury identified and associated with the Neck

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*
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	**3320**	Amputation
3325	Bleeding Controlled	**3330**	Bleeding Uncontrolled
3335	Burn	**3340**	Crush
3345	Dislocation Fracture	**3350**	Gunshot
3355	Laceration	**3360**	Pain without swelling/bruising
3365	Puncture/stab	**3370**	Soft Tissue Swelling/Bruising

Additional Information

- Blunt Injury Removed from NHTSA 1.0

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

References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- NFIRS 5.0 EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

NHTSA INJURY MATRIX THORAX

E15_05

Data [combo] multiple-choice

Definition

Type of injury identified and associated with the Thorax (excluding the thoracic spine)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*
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	**3320**	Amputation
3325	Bleeding Controlled	**3330**	Bleeding Uncontrolled
3335	Burn	**3340**	Crush
3345	Dislocation Fracture	**3350**	Gunshot
3355	Laceration	**3360**	Pain without swelling/bruising
3365	Puncture/stab	**3370**	Soft Tissue Swelling/Bruising

Additional Information

- Blunt Injury Removed from NHTSA 1.0

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

References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- NFIRS 5.0 EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

NHTSA INJURY MATRIX ABDOMEN

E15_06

Data [combo] multiple-choice

Definition

Type of injury identified and associated with the Abdomen (excluding the lumbar spine)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*
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	**3320**	Amputation
3325	Bleeding Controlled	**3330**	Bleeding Uncontrolled
3335	Burn	**3340**	Crush
3345	Dislocation Fracture	**3350**	Gunshot
3355	Laceration	**3360**	Pain without swelling/bruising
3365	Puncture/stab	**3370**	Soft Tissue Swelling/Bruising

Additional Information

- Blunt Injury Removed from NHTSA 1.0

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

References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- NFIRS 5.0 EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

NHTSA INJURY MATRIX SPINE

E15_07

Data [combo] multiple-choice

Definition

Type of injury identified and associated with the Spine

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*
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	**3320**	Amputation
3325	Bleeding Controlled	**3330**	Bleeding Uncontrolled
3335	Burn	**3340**	Crush
3345	Dislocation Fracture	**3350**	Gunshot
3355	Laceration	**3360**	Pain without swelling/bruising
3365	Puncture/stab	**3370**	Soft Tissue Swelling/Bruising

Additional Information

- Blunt Injury Removed from NHTSA 1.0

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

References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- NFIRS 5.0 EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

NHTSA INJURY MATRIX UPPER EXTREMITIES

E15_08

Data [combo] multiple-choice

Definition

Type of injury identified and associated with the Upper Extremities

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*
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	**3320**	Amputation
3325	Bleeding Controlled	**3330**	Bleeding Uncontrolled
3335	Burn	**3340**	Crush
3345	Dislocation Fracture	**3350**	Gunshot
3355	Laceration	**3360**	Pain without swelling/bruising
3365	Puncture/stab	**3370**	Soft Tissue Swelling/Bruising

Additional Information

- Blunt Injury Removed from NHTSA 1.0

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

References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- NFIRS 5.0 EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

NHTSA INJURY MATRIX PELVIS

E15_09

Data [combo] multiple-choice

Definition

Type of injury identified and associated with the Pelvis

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*
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	**3320**	Amputation
3325	Bleeding Controlled	**3330**	Bleeding Uncontrolled
3335	Burn	**3340**	Crush
3345	Dislocation Fracture	**3350**	Gunshot
3355	Laceration	**3360**	Pain without swelling/bruising
3365	Puncture/stab	**3370**	Soft Tissue Swelling/Bruising

Additional Information

- Blunt Injury Removed from NHTSA 1.0

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

References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- NFIRS 5.0 EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

NHTSA INJURY MATRIX LOWER EXTREMITIES

E15_10

Data [combo] multiple-choice

Definition

Type of injury identified and associated with the Lower Extremities

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*
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	**3320**	Amputation
3325	Bleeding Controlled	**3330**	Bleeding Uncontrolled
3335	Burn	**3340**	Crush
3345	Dislocation Fracture	**3350**	Gunshot
3355	Laceration	**3360**	Pain without swelling/bruising
3365	Puncture/stab	**3370**	Soft Tissue Swelling/Bruising

Additional Information

- Blunt Injury Removed from NHTSA 1.0

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

References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- NFIRS 5.0 EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

NHTSA INJURY MATRIX UNSPECIFIED

E15_11

Data [combo] multiple-choice

Definition

Type of injury identified and associated with Unspecified

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*
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	**3320**	Amputation
3325	Bleeding Controlled	**3330**	Bleeding Uncontrolled
3335	Burn	**3340**	Crush
3345	Dislocation Fracture	**3350**	Gunshot
3355	Laceration	**3360**	Pain without swelling/bruising
3365	Puncture/stab	**3370**	Soft Tissue Swelling/Bruising

Additional Information

- Blunt Injury Removed from NHTSA 1.0

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

References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- NFIRS 5.0 EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

Assessment/ Exam

ESTIMATED BODY WEIGHT

E16_01

Data

[number]

Definition

The patient's body weight in kilograms, either measured or estimated

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *EstimatedBodyWeight*
Multiple Entry Configuration No **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **500**

Field Values

Uses

- Part of an EMS Medical Record and to better determine equipment sizes and medication dosages
- 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

E01_01 Patient Care Report Number

BROSELOW/LUTEN COLOR

E16_02

Data [combo] single-choice

Definition

The Broselow/Luten Color as take from the tape

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *BroselowLutenColor*
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	**3375**	Blue
3380	Green	**3385**	Grey
3390	Orange	**3395**	Pink
3400	Purple	**3405**	Red
3410	White	**3415**	Yellow

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

DATE/TIME OF ASSESSMENT

E16_03

Data [date/time]

Definition

The date/time assessment was made 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: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment 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 assessments to be documented

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
E16_04 Skin Assessment
E16_05 Head/Face Assessment
E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment
E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment
E16_10 Abdomen Left Lower Assessment
E16_11 Abdomen Right Upper Assessment
E16_12 Abdomen Right Lower Assessment
E16_13 GU Assessment
E16_14 Back Cervical Assessment
E16_15 Back Thoracic Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_17 Extremities-Right Upper Assessment
E16_18 Extremities-Right Lower Assessment
E16_19 Extremities-Left Upper Assessment
E16_20 Extremities-Left Lower Assessment
E16_21 Eyes-Left Assessment
E16_22 Eyes-Right Assessment
E16_23 Mental Status Assessment
E16_24 Neurological Assessment

SKIN ASSESSMENT

E16_04

Data [combo] multiple-choice

Definition

The assessment of the patient's skin on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *SkinAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3425 Not Done
3435 Cold
3445 Jaundiced
3455 Mottled
3465 Warm
-20 Not Recorded
-10 Not Known
3420 Normal
3430 Clammy
3440 Cyanotic
3450 Lividity
3460 Pale

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

References in NHTSA Version 1

Desirable Element 72 Skin Perfusion

HEAD/FACE ASSESSMENT

E16_05

Data [combo] multiple-choice

Definition

The assessment of the patient's face on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *HeadFaceAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3475 Not Done
3485 Drainage
3495 Swelling
-20 Not Recorded
-10 Not Known
3470 Normal
3480 Asymmetric Smile or Droop
3490 Mass/Lesion

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

NECK ASSESSMENT

E16_06

Data [combo] multiple-choice

Definition

The assessment of the patient's head & neck area on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NeckAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3505 Not Done
3515 Strider
3525 Tracheal Dev
-20 Not Recorded
-10 Not Known
3500 Normal
3510 JVD
3520 SubQ Air

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

CHEST/LUNGS ASSESSMENT

E16_07

Data [combo] multiple-choice

Definition

The assessment of the patient's chest on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ChestLungsAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3535 Not Done
3545 Decreased BS-Left
3555 Flail Segment-Left
3565 Increased Effort
3575 Rales
3585 Tenderness-Left
-20 Not Recorded
-10 Not Known
3530 Normal
3540 Accessory Muscles
3550 Decreased BS-Right
3560 Flail Segment-Right
3570 Normal BS
3580 Rhonchi/Wheezing
3590 Tenderness-Right

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

HEART ASSESSMENT

E16_08

Data [combo] multiple-choice

Definition

The assessment of the patient's heart on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *HeartAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3600 Not Done
3610 Murmur
-20 Not Recorded
-10 Not Known
3595 Normal
3605 Decreased Sounds

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

ABDOMEN LEFT UPPER ASSESSMENT

E16_09

Data [combo] multiple-choice

Definition

The assessment of the patient's left upper abdomen on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *AbdomenLeftUpperAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3620 Not Done
3630 Guarding
3640 Tenderness
-20 Not Recorded
-10 Not Known
3615 Normal
3625 Distention
3635 Mass

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

ABDOMEN LEFT LOWER ASSESSMENT

E16_10

Data [combo] multiple-choice

Definition

The assessment of the patient's left lower abdomen on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *AbdomenLowerLeftAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3650 Not Done
3660 Guarding
3670 Tenderness
-20 Not Recorded
-10 Not Known
3645 Normal
3655 Distention
3665 Mass

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

ABDOMEN RIGHT UPPER ASSESSMENT

E16_11

Data [combo] multiple-choice

Definition

The assessment of the patient's right upper abdomen on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *AbdomenRightUpperAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3680 Not Done
3690 Guarding
3700 Tenderness
-20 Not Recorded
-10 Not Known
3675 Normal
3685 Distention
3695 Mass

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

ABDOMEN RIGHT LOWER ASSESSMENT

E16_12

Data [combo] multiple-choice

Definition

The assessment of the patient's right lower abdomen on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *AbdomenRightLowerAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3710 Not Done
3720 Guarding
3730 Tenderness
-20 Not Recorded
-10 Not Known
3705 Normal
3715 Distention
3725 Mass

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

GU ASSESSMENT

E16_13

Data [combo] multiple-choice

Definition

The assessment of the patient's GU area on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *GUAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3740 Not Done
3750 Genital Injury
3760 Unstable
-20 Not Recorded
-10 Not Known
3735 Normal
3745 Crowning
3755 Tenderness

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

BACK CERVICAL ASSESSMENT

E16_14

Data [combo] multiple-choice

Definition

The assessment of the patient's back-cervical on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *BackCervicalAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3770 Not Done
3780 Tender Para-spinous
-20 Not Recorded
-10 Not Known
3765 Normal
3775 Pain to ROM
3785 Tender Spinous Process

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

BACK THORACIC ASSESSMENT

E16_15

Data [combo] multiple-choice

Definition

The assessment of the patient's back-thoracic on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *BackThoracicAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3795 Not Done
3805 Tender Para-spinous
-20 Not Recorded
-10 Not Known
3790 Normal
3800 Pain to ROM
3810 Tender Spinous Process

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

BACK LUMBAR/SACRAL ASSESSMENT

E16_16

Data [combo] multiple-choice

Definition

The assessment of the patient's back-lumbar/sacral on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *BackLumbarSacralAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3820 Not Done
3830 Tender Para-spinous
-20 Not Recorded
-10 Not Known
3815 Normal
3825 Pain to ROM
3835 Tender Spinous Process

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

EXTREMITIES-RIGHT UPPER ASSESSMENT

E16_17

Data [combo] multiple-choice

Definition

The assessment of the patient's right upper extremities on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ExtremitiesRightUpperAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25	Not Applicable	**-20**	Not Recorded
-15	Not Reporting	**-10**	Not Known
-5	Not Available	**3840**	Normal
3845	Not Done	**3850**	Abnormal Pulse
3855	Abnormal Sensation	**3860**	Edema
3865	Tenderness	**3870**	Weakness

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03	Date/Time of Assessment	**E16_04**	Skin Assessment
E16_05	Head/Face Assessment	**E16_06**	Neck Assessment
E16_07	Chest/Lungs Assessment	**E16_08**	Heart Assessment
E16_09	Abdomen Left Upper Assessment	**E16_10**	Abdomen Left Lower Assessment
E16_11	Abdomen Right Upper Assessment	**E16_12**	Abdomen Right Lower Assessment
E16_13	GU Assessment	**E16_14**	Back Cervical Assessment
E16_15	Back Thoracic Assessment	**E16_16**	Back Lumbar/Sacral Assessment
E16_18	Extremities-Right Lower Assessment	**E16_19**	Extremities-Left Upper Assessment
E16_20	Extremities-Left Lower Assessment	**E16_21**	Eyes-Left Assessment
E16_22	Eyes-Right Assessment	**E16_23**	Mental Status Assessment
E16_24	Neurological Assessment		

EXTREMITIES-RIGHT LOWER ASSESSMENT

E16_18

Data [combo] multiple-choice

Definition

The assessment of the patient's right lower extremities on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ExtremitiesRightLowerAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25	Not Applicable	**-20**	Not Recorded
-15	Not Reporting	**-10**	Not Known
-5	Not Available	**3875**	Normal
3880	Not Done	**3885**	Abnormal Pulse
3890	Abnormal Sensation	**3895**	Edema
3900	Tenderness	**3905**	Weakness

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03	Date/Time of Assessment	**E16_04**	Skin Assessment
E16_05	Head/Face Assessment	**E16_06**	Neck Assessment
E16_07	Chest/Lungs Assessment	**E16_08**	Heart Assessment
E16_09	Abdomen Left Upper Assessment	**E16_10**	Abdomen Left Lower Assessment
E16_11	Abdomen Right Upper Assessment	**E16_12**	Abdomen Right Lower Assessment
E16_13	GU Assessment	**E16_14**	Back Cervical Assessment
E16_15	Back Thoracic Assessment	**E16_16**	Back Lumbar/Sacral Assessment
E16_17	Extremities-Right Upper Assessment	**E16_19**	Extremities-Left Upper Assessment
E16_20	Extremities-Left Lower Assessment	**E16_21**	Eyes-Left Assessment
E16_22	Eyes-Right Assessment	**E16_23**	Mental Status Assessment
E16_24	Neurological Assessment		

EXTREMITIES-LEFT UPPER ASSESSMENT

E16_19

Data [combo] multiple-choice

Definition

The assessment of the patient's left upper extremities on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ExtremitiesLeftUpperAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
3915 Not Done
3925 Abnormal Sensation
3935 Tenderness
-20 Not Recorded
-10 Not Known
3910 Normal
3920 Abnormal Pulse
3930 Edema
3940 Weakness

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment

EXTREMITIES-LEFT LOWER ASSESSMENT

E16_20

Data [combo] multiple-choice

Definition

The assessment of the patient's left lower extremities on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ExtremitiesLeftLowerAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25	Not Applicable	**-20**	Not Recorded
-15	Not Reporting	**-10**	Not Known
-5	Not Available	**3945**	Normal
3950	Not Done	**3955**	Abnormal Pulse
3960	Abnormal Sensation	**3965**	Edema
3970	Tenderness	**3975**	Weakness

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03	Date/Time of Assessment	**E16_04**	Skin Assessment
E16_05	Head/Face Assessment	**E16_06**	Neck Assessment
E16_07	Chest/Lungs Assessment	**E16_08**	Heart Assessment
E16_09	Abdomen Left Upper Assessment	**E16_10**	Abdomen Left Lower Assessment
E16_11	Abdomen Right Upper Assessment	**E16_12**	Abdomen Right Lower Assessment
E16_13	GU Assessment	**E16_14**	Back Cervical Assessment
E16_15	Back Thoracic Assessment	**E16_16**	Back Lumbar/Sacral Assessment
E16_17	Extremities-Right Upper Assessment	**E16_18**	Extremities-Right Lower Assessment
E16_19	Extremities-Left Upper Assessment	**E16_21**	Eyes-Left Assessment
E16_22	Eyes-Right Assessment	**E16_23**	Mental Status Assessment
E16_24	Neurological Assessment		

EYES-LEFT ASSESSMENT

E16_21

Data [combo] multiple-choice

Definition

The assessment of the patient's left eye on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *EyesLeftAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
-20 Not Recorded
-10 Not Known
3980 Not Done
3985 2-mm
3990 3-mm
3995 4-mm
4000 5-mm
4005 6-mm
4010 7-mm
4015 Blind
4020 Reactive
4025 Non-Reactive

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_04 Skin Assessment
E16_05 Head/Face Assessment
E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment
E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment
E16_10 Abdomen Left Lower Assessment
E16_11 Abdomen Right Upper Assessment
E16_12 Abdomen Right Lower Assessment
E16_13 GU Assessment
E16_14 Back Cervical Assessment
E16_15 Back Thoracic Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_17 Extremities-Right Upper Assessment
E16_18 Extremities-Right Lower Assessment
E16_19 Extremities-Left Upper Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment
E16_23 Mental Status Assessment
E16_24 Neurological Assessment

EYES-RIGHT ASSESSMENT

E16_22

Data [combo] multiple-choice

Definition

The assessment of the patient's right eye on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *EyesRightAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
4035 2-mm
4045 4-mm
4055 6-mm
4065 Blind
4075 Non-Reactive
-20 Not Recorded
-10 Not Known
4030 Not Done
4040 3-mm
4050 5-mm
4060 7-mm
4070 Reactive

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_23 Mental Status Assessment

MENTAL STATUS ASSESSMENT

E16_23

Data [combo] multiple-choice

Definition

The assessment of the patient's mental status on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MentalStatusAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
4085 Not Done
4095 Confused
4105 Oriented-Person
4115 Oriented-Time
-20 Not Recorded
-10 Not Known
4080 Normal
4090 Combative
4100 Hallucinations
4110 Oriented-Place
4120 Unresponsive

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_24 Neurological Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment

NEUROLOGICAL ASSESSMENT

E16_24

Data [combo] multiple-choice

Definition

The assessment of the patient's neurological status on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NeurologicalAssessment*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
4130 Not Done
4140 Facial Droop
4150 Speech Normal
4160 Tremors
4170 Weakness-Right Sided
-20 Not Recorded
-10 Not Known
4125 Normal
4135 Abnormal Gait
4145 Seizures
4155 Speech Slurring
4165 Weakness-Left Sided

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

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
E16_03 Date/Time of Assessment
E16_05 Head/Face Assessment
E16_07 Chest/Lungs Assessment
E16_09 Abdomen Left Upper Assessment
E16_11 Abdomen Right Upper Assessment
E16_13 GU Assessment
E16_15 Back Thoracic Assessment
E16_17 Extremities-Right Upper Assessment
E16_19 Extremities-Left Upper Assessment
E16_21 Eyes-Left Assessment
E16_23 Mental Status Assessment
E01_01 Patient Care Report Number
E16_04 Skin Assessment
E16_06 Neck Assessment
E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment
E16_16 Back Lumbar/Sacral Assessment
E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment

Intervention

PROTOCOLS USED

E17_01

Data [combo] multiple-choice

Definition

The protocol used by EMS personnel to direct the clinical care of the patient

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

Field Values

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

Additional Information

- List created from Protocols (D04_08)

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- 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

Intervention/ Medication

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

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
E18_01 Date/Time Medication Administered
E18_04 Medication Administered Route
E18_06 Medication Dosage Units
E18_08 Medication Complication
E18_10 Medication Authorization
E01_01 Patient Care Report Number
E18_03 Medication Given
E18_05 Medication Dosage
E18_07 Response to Medication
E18_09 Medication Crew Member ID
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
-15 Not Reporting
-5 Not Available
-20 Not Recorded
-10 Not Known

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
-15 Not Reporting
-5 Not Available
-20 Not Recorded
-10 Not Known
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
4305 IU
4315 L/MIN
4325 LPM
4335 MCG/KG/MIN
4345 MG
4355 ML
4365 Other
4300 Inches
4310 KVO (TKO)
4320 LITERS
4330 MCG
4340 MEQ
4350 MG/KG/MIN
4360 ML/HR
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

RESPONSE TO MEDICATION

E18_07

Data [combo] single-choice

Definition

The patient's response to the medication.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ResponseToMedication*
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	**4375**	Improved
4380	Unchanged	**4385**	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
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_08	Medication Complication	**E18_09**	Medication Crew Member ID
E18_10	Medication Authorization	**E18_11**	Medication Authorizing Physician

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

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

MEDICATION CREW MEMBER ID

E18_09

Data [text]

Definition

The statewide assigned ID number of the EMS crew member giving the treatment to the patient

XSD Data Type *xs:integer* **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: All data elements section E18 are members of the E18 Medication Structure

Field Values

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

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

- Part of an EMS Medical Record and to document Medication Administration
- 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_08 Medication Complication
E18_10 Medication Authorization
E18_11 Medication Authorizing Physician

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

MEDICATION AUTHORIZATION

E18_10

Data [combo] single-choice

Definition

The type of treatment authorization obtained

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MedicationAuthorization*
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
-15 Not Reporting
-5 Not Available
4485 On-Scene
4495 Written Orders (Patient Specific)
-20 Not Recorded
-10 Not Known
4480 On-Line
4490 Protocol (Standing Order)

Additional Information

- Associated with Medication Authorization (E18_11) if the value is not “Protocol”

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
E18_01 Date/Time Medication Administered
E18_03 Medication Given
E18_05 Medication Dosage
E18_07 Response to Medication
E18_09 Medication Crew Member ID
E18_11 Medication Authorizing Physician
E01_01 Patient Care Report Number
E18_02 Medication Administered Prior to this Units EMS Care
E18_04 Medication Administered Route
E18_06 Medication Dosage Units
E18_08 Medication Complication
E18_11 Medication Authorizing Physician

References in NHTSA Version 1

Desirable Element 81 Treatment Authorization

MEDICATION AUTHORIZING PHYSICIAN

E18_11

Data [text]

Definition

The last name of the authorizing physician ordering the medication administration if the order was provided by any manner other than protocol (standing order) in E18.10

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *LastName*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **20**
XSD Structure: All data elements section E18 are members of the E18 Medication Structure

Field Values

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

Additional Information

- Associated with Medication Authorization (E18_10) if the value is not “Protocol”

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
E18_01 Date/Time Medication Administered
E18_03 Medication Given
E18_05 Medication Dosage
E18_07 Response to Medication
E18_09 Medication Crew Member ID
E01_01 Patient Care Report Number
E18_02 Medication Administered Prior to this Units EMS Care
E18_04 Medication Administered Route
E18_06 Medication Dosage Units
E18_08 Medication Complication
E18_10 Medication Authorization

Intervention/ Procedure

DATE/TIME PROCEDURE PERFORMED SUCCESSFULLY

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

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

Additional Information

- List created from Procedures (D04_04)

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

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

References to Other Databases

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

- UTSTEIN Arrest after arrival of EMS could be documented by CPR or Defibrillation performed along with the Cardiac Arrest datapoint.; [text] Value or

SIZE OF PROCEDURE EQUIPMENT

E19_04

Data [text]

Definition

The size of equipment used in the procedure on the patient

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

Additional Information

- Can be entered as text or configured as a List Box with the specific size associated with each Procedure listed for each EMS Agency (D04_04) n the Demographic Dataset

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
E19_01 Date/Time Procedure Performed Successfully
E19_03 Procedure
E19_06 Procedure Successful
E19_08 Response to Procedure
E19_10 Procedure Authorization
E01_01 Patient Care Report Number
E19_02 Procedure Performed Prior to this Units EMS Care
E19_05 Number of Procedure Attempts
E19_07 Procedure Complication
E19_09 Procedure Crew Members ID
E19_11 Procedure Authorizing Physician

References in NHTSA Version 1

Essential Element 78 Procedure or Treatment Name

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
E19_01 Date/Time Procedure Performed Successfully
E19_03 Procedure
E19_06 Procedure Successful
E19_08 Response to Procedure
E19_10 Procedure Authorization
E01_01 Patient Care Report Number
E19_02 Procedure Performed Prior to this Units EMS Care
E19_04 Size of Procedure Equipment
E19_07 Procedure Complication
E19_09 Procedure Crew Members ID
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
-15 Not Reporting
-5 Not Available
1 Yes
-20 Not Recorded
-10 Not Known
0 No

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
E19_01 Date/Time Procedure Performed Successfully
E19_03 Procedure
E19_05 Number of Procedure Attempts
E19_08 Response to Procedure
E19_10 Procedure Authorization
E01_01 Patient Care Report Number
E19_02 Procedure Performed Prior to this Units EMS Care
E19_04 Size of Procedure Equipment
E19_07 Procedure Complication
E19_09 Procedure Crew Members ID
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) Yes for each E14_01 Date/Time **Accepts Null Values** **Yes**

Required in XSD Yes

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

Field Values

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

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
E19_01 Date/Time Procedure Performed Successfully
E19_03 Procedure
E19_05 Number of Procedure Attempts
E19_08 Response to Procedure
E19_10 Procedure Authorization
E01_01 Patient Care Report Number
E19_02 Procedure Performed Prior to this Units EMS Care
E19_04 Size of Procedure Equipment
E19_06 Procedure Successful
E19_09 Procedure Crew Members ID
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

PROCEDURE CREW MEMBERS ID

E19_09

Data [text]

Definition

The statewide assigned ID number of the EMS crew member performing the procedure on the patient

XSD Data Type *xs:integer* **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: 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

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

- Part of an EMS Medical Record and to document the Procedure performance
- 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
E19_01 Date/Time Procedure Performed Successfully
E19_03 Procedure
E19_05 Number of Procedure Attempts
E19_07 Procedure Complication
E19_10 Procedure Authorization
E01_01 Patient Care Report Number
E19_02 Procedure Performed Prior to this Units EMS Care
E19_04 Size of Procedure Equipment
E19_06 Procedure Successful
E19_08 Response to Procedure
E19_11 Procedure Authorizing Physician

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

PROCEDURE AUTHORIZATION

E19_10

Data [combo] single-choice

Definition

The type of procedure authorization obtained

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ProcedureAuthorization*
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
-15 Not Reporting
-5 Not Available
4620 On-Scene
4630 Written Orders (Patient Specific)
-20 Not Recorded
-10 Not Known
4615 On-Line
4625 Protocol (Standing Order)

Additional Information

- Associated with Procedure Authorization (E19_11) if the value is not “Protocol”

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
E19_01 Date/Time Procedure Performed Successfully
E19_03 Procedure
E19_05 Number of Procedure Attempts
E19_07 Procedure Complication
E19_09 Procedure Crew Members ID
E01_01 Patient Care Report Number
E19_02 Procedure Performed Prior to this Units EMS Care
E19_04 Size of Procedure Equipment
E19_06 Procedure Successful
E19_08 Response to Procedure
E19_11 Procedure Authorizing Physician

References in NHTSA Version 1

Desirable Element 81 Treatment Authorization

PROCEDURE AUTHORIZING PHYSICIAN

E19_11

Data [text]

Definition

The last name of the authorizing physician ordering the procedure, if the order was provided by any manner other than protocol (standing order)

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

Additional Information

- Associated with Procedure Authorization (E19_10) if the value is not “Protocol”

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
E19_01 Date/Time Procedure Performed Successfully
E19_03 Procedure
E19_05 Number of Procedure Attempts
E19_07 Procedure Complication
E19_09 Procedure Crew Members ID
E01_01 Patient Care Report Number
E19_02 Procedure Performed Prior to this Units EMS Care
E19_04 Size of Procedure Equipment
E19_06 Procedure Successful
E19_08 Response to Procedure
E19_10 Procedure Authorization

SUCCESSFUL IV SITE

E19_12

Data [combo] multiple-choice

Definition

The location of the IV site (if applicable) on the patient

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

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
-20 Not Recorded
-10 Not Known
4635 Antecubital-Left
4640 Antecubital-Right
4645 External Jugular-Left
4650 External Jugular-Right
4655 Femoral-Left IV
4660 Femoral-Left Distal IO
4665 Femoral-Right IV
4670 Femoral-Right IO
4675 Forearm-Left
4680 Forearm-Right
4685 Hand-Left
4690 Hand-Right
4695 Lower Extremity-Left
4700 Lower Extremity-Right
4705 Other
4710 Scalp
4715 Sternal IO
4720 Tibia IO-Left
4725 Tibia IO-Right
4730 Umbilical

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

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
-15 Not Reporting
-5 Not Available
4740 Colormetric CO2 Detector Confirmation
4750 Esophageal Bulb Aspiration confirmation
4760 Visualization of the Chest Rising with ventilation
4770 Waveform CO2 Confirmation
-20 Not Recorded
-10 Not Known
4735 Auscultation of Bilateral Breath Sounds
4745 Digital CO2 Confirmation
4755 Negative Auscultation of the Epigastrium
4765 Visualization of Tube Passing Through the Cords

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
E19_03 Procedure
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
-15 Not Reporting
-5 Not Available
4780 Colormetric CO2 Detector Confirmation
4790 Esophageal Bulb Aspiration confirmation
4800 Visualization of the Chest Rising with ventilation
4810 Waveform CO2 Confirmation
-20 Not Recorded
-10 Not Known
4775 Auscultation of Bilateral Breath Sounds
4785 Digital CO2 Confirmation
4795 Negative Auscultation of the Epigastrium
4805 Visualization of Tube Passing Through the Cords

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
E19_03 Procedure
E01_01 Patient Care Report Number

Disposition

DESTINATION/TRANSFERRED TO, NAME

E20_01

Data [text]

Definition

The destination the patient was delivered or transferred to

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DestinationTransferredToID*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **2** **Maximum Constraint** **50**

Field Values

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

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
E20_02 Destination/Transferred To, Code
E01_01 Patient Care Report Number

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 *xs:string* **XSD Domain (Simple Type)** *DestinationTransferredToCode*
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 STREET ADDRESS

E20_03

Data [text]

Definition

The street address of the destination the patient was delivered or transferred to

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

Field Values

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

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
E20_01 Destination/Transferred To, Name
E20_05 Destination State
E01_01 Patient Care Report Number
E20_04 Destination City
E20_07 Destination Zip Code

DESTINATION CITY

E20_04

Data [combo] single-choice

Definition

The city name of the destination the patient was delivered or transferred to

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

Field Values

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

Additional Information

- 5 digit FIPS Code
- Could be filled in from Destination Zip Code (E20_07)

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
E20_01 Destination/Transferred To, Name
E20_05 Destination State
E01_01 Patient Care Report Number
E20_03 Destination Street Address
E20_07 Destination Zip Code

DESTINATION STATE

E20_05

Data [combo] single-choice

Definition

The destination State in which the patient was delivered or transferred to

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

Field Values

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

Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Destination Zip Code (E20_07)

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
E20_01 Destination/Transferred To, Name
E20_04 Destination City
E01_01 Patient Care Report Number
E20_03 Destination Street Address
E20_07 Destination Zip Code

DESTINATION COUNTY

E20_06

Data [combo] single-choice

Definition

The destination County in which the patient was delivered or transferred to

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

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

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

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
E20_01 Destination/Transferred To, Name
E20_04 Destination City
E01_01 Patient Care Report Number
E20_03 Destination Street Address
E20_05 Destination State

DESTINATION GPS LOCATION

E20_08

Data [text]

Definition

The destination GPS coordinates to which the patient was delivered or transferred to

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 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

E01_01 Patient Care Report Number **E20_01** Destination/Transferred To, Name

DESTINATION ZONE NUMBER

E20_09

Data [combo] single-choice

Definition

The zone number of the destination the patient was delivered or transferred to

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ZoneNumber*
Multiple Entry Configuration No **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **30**

Field Values

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

Additional Information

- Created from Zones (D04_03)
- Systems using GPS typically do not need to document or create Zones

Uses

- 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

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

HOW PATIENT WAS MOVED TO AMBULANCE

E20_11

Data [combo] single-choice

Definition

The method the patient was moved to the ambulance from the scene

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *HowPatientWasMovedToAmbulance*
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	**4865**	Assisted/Walk
4870	Carry	**4875**	Stairchair
4880	Stretcher	**4885**	Other

Uses

- Part of an EMS Medical Record
- Used in Quality Management for the evaluation of Care

Data Collector

- EMS personnel

Other Associated Elements

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

POSITION OF PATIENT DURING TRANSPORT

E20_12

Data [combo] single-choice

Definition

The position of the patient during transport from the scene

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PositionOfPatientDurningTransport*
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	**4890**	Car Seat
4895	Fowlers	**4900**	Lateral
4905	Prone	**4910**	Semi-Fowlers
4915	Sitting	**4920**	Supine
4925	Other		

Uses

- Part of an EMS Medical Record
- Used in Quality Management for the evaluation of Care

Data Collector

- EMS personnel

Other Associated Elements

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

HOW PATIENT WAS TRANSPORTED FROM AMBULANCE

E20_13

Data [combo] single-choice

Definition

The method the patient was moved from the ambulance to the destination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *HowPatientWasTransportedFromAmbulance*
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	**4930**	Assisted/Walk
4935	Carry	**4940**	Stairchair
4945	Stretcher	**4950**	Other

Uses

- Part of an EMS Medical Record
- Used in Quality Management for the evaluation of Care

Data Collector

- EMS personnel

Other Associated Elements

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

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

Medical Device Data

EVENT DATE/TIME

E21_01

Data [date/time]

Definition

The time of the event recorded by the device's internal clock

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: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

Additional Information

- Depending on whether this is a Procedure or a Vital Sign, this can be merged into Date/Time Vital Taken (E14_01) or Date/Time Procedure Performed Successfully (E19_01)
- 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 associated with the entire Medical Device Section (E21) to allow multiple sets of device data to be entered

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number

MEDICAL DEVICE EVENT NAME

E21_02

Data [text]

Definition

The type of event documented by the medical device.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MedicalDeviceEventID*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

-25	Not Applicable	**-20**	Not Recorded
-15	Not Reporting	**-10**	Not Known
-5	Not Available	**5090**	12-Lead ECG
5095	Analysis (Button Pressed)	**5100**	CO2
5105	Date Transmitted	**5110**	Defibrillation
5115	ECG-Monitor	**5120**	Heart Rate
5125	Invasive Pressure 1	**5130**	Invasive Pressure 2
5135	No Shock Advised	**5140**	Non-Invasive BP
5145	Pacing Electrical Capture	**5150**	Pacing Started
5155	Pacing Stopped	**5160**	Patient Connected
5165	Power On	**5170**	Pulse Oximetry
5175	Pulse Rate	**5180**	Respiratory Rate
5185	Shock Advised	**5190**	Sync Off
5195	Sync On		

Additional Information

- Depending on the event, this data can be merged with Vital Sign or Procedure Data defined in Sections E14 and E19

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E00	Common Null Values	**E01_01**	Patient Care Report Number
E21_01	Event Date/Time		

WAVEFORM GRAPHIC TYPE

E21_03

Data [text]

Definition

The type of waveform file stored in Waveform Graphic (E21.4)

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

Multiple Entry Configuration Yes, as associated with E21_01 Date/Time **Accepts Null Values** **No**

Required in XSD No

XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time. (2) E21_03 and E21_04 are elements of E23_03_0 Waveform Structure.

Field Values

5200 JPG

5205 PDF

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number

E21_01 Event Date/Time

E21_02 Medical Device Event Name

E21_04 Waveform Graphic

WAVEFORM GRAPHIC

E21_04

Data [binary]

Definition

The graphic waveform file in a PDF or JPG format.

XSD Data Type *xs:base64Binary* **XSD Domain (Simple Type)** *WaveformGraphic*

Multiple Entry Configuration Yes, as associated with E21_01 Date/Time **Accepts Null Values** **No**

Required in XSD No

XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time. (2) E21_03 and E21_04 are elements of E23_03_0 Waveform Structure.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name
E21_03 Waveform Graphic Type

AED, PACING, OR CO2 MODE

E21_05

Data [text]

Definition

The mode of operation the device is operating in during the defibrillation, pacing, or rhythm analysis by the device (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *AEDPacingOrCO2Mode*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

5210 Automated
5215 Manual
5220 Advisory
5225 Demand
5230 Sensing
5235 Mid-Stream
5240 Side-Stream

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name

ECG LEAD

E21_06

Data [text]

Definition

The lead or source which the medical device used to obtain the rhythm (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ECGLead*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

5245 I
5250 II
5255 III
5260 AVR
5265 AVL
5270 AVF
5275 V1
5280 V2
5285 V3
5290 V4
5295 V5
5300 V6
5305 Paddle

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name

ECG INTERPRETATION

E21_07

Data [text]

Definition

The interpretation of the rhythm by the device (if appropriate for the event)

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *ECGInterpretation*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **2,000**
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name

TYPE OF SHOCK

E21_08

Data [text]

Definition

The energy form used by the device for the defibrillation (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TypeOfShock*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

5310 Biphasic
5315 Monophasic

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name

SHOCK OR PACING ENERGY

E21_09

Data [number]

Definition

The energy used for the shock or pacing event (if appropriate for the event)

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *ShockOrPacingEnergy*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **9,000**
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name

TOTAL NUMBER OF SHOCKS DELIVERED

E21_10

Data

[number]

Definition

The number of times the patient was defibrillated, if the patient was defibrillated during the patient encounter.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TotalNumberOfShocks*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **100**
XSD Structure: (1) Each element is section E21 is associated with a E21_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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name

PACING RATE

E21_11

Data [number]

Definition

The rate the device was calibrated to pace during the event, if appropriate.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PacingRate*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **1,000**
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name

DEVICE HEART RATE

E21_12

Data [number]

Definition

The heart rate electronically obtained by the device (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PulseRate*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **500**
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)
- Could be merged into Electronic Monitor Rate (E14_08)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name

DEVICE PULSE RATE

E21_13

Data [number]

Definition

The pulse rate as measured from the pulse oximeter, non-invasive pressure, or invasive pressure transducers (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PulseRate*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **500**
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)
- Could be merged into Pulse Rate (E14_07)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name

DEVICE SYSTOLIC BLOOD PRESSURE

E21_14

Data [number]

Definition

The Systolic Blood Pressure as measured either through non-invasive blood pressure, invasive blood pressure monitor 1, or invasive blood pressure monitor 2 (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *SBP*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **400**
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)
- Could be merged into Systolic Blood Pressure (E14_04)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_02 Medical Device Event Name
E21_01 Event Date/Time
E21_19 Device CO2, etCO2, or Invasive Pressure Monitor Units

DEVICE DIASTOLIC BLOOD PRESSURE

E21_15

Data [number]

Definition

The Diastolic Blood Pressure as measured either through non-invasive blood pressure, invasive blood pressure monitor 1, or invasive blood pressure monitor 2 (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DBP*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **300**
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)
- Could be merged into Diastolic Blood Pressure (E14_05)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_02 Medical Device Event Name
E21_01 Event Date/Time
E21_19 Device CO2, etCO2, or Invasive Pressure Monitor Units

DEVICE RESPIRATORY RATE

E21_16

Data [number]

Definition

The Respiratory Rate as calculated from the device through one of the various monitoring parameters (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *RespiratoryRate*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **100**
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)
- Could be merged into Respiratory Rate (E14_11)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name

DEVICE PULSE OXIMETRY

E21_17

Data [number]

Definition

The Oxygen Saturation as measured from the pulse oximeter in % (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DeviceCO2*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **100**
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)
- Could be merged into Pulse Oximetry (E14_09)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name

DEVICE CO2 OR ETCO2

E21_18

Data [number]

Definition

The Carbon Dioxide or end-tidal Carbon Dioxide as measured from the device transducers (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DeviceCO2*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **0** **Maximum Constraint** **100**
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time. (2) Elements E21_18 and E21_19 are members of E21_18_0 CO2 Structure.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)
- Could be merged into Carbon Dioxide (E14_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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_02 Medical Device Event Name
E21_01 Event Date/Time
E21_19 Device CO2, etCO2, or Invasive Pressure Monitor Units

DEVICE CO2, ETCO2, OR INVASIVE PRESSURE MONITOR UNITS

E21_19

Data [text]

Definition

The Units of Carbon Dioxide, end-tidal Carbon Dioxide, invasive pressure monitor 1, or invasive pressure monitor 2 as measured from the device transducers (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DeviceCO2etCO2OrInvasivePressureUnits*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time. (2) Elements E21_18 and E21_19 are members of E21_18_0 CO2 Structure.

Field Values

5320 kPa
5325 % Volume
5330 mmHg

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_01 Event Date/Time
E21_02 Medical Device Event Name
E21_14 Device Systolic Blood Pressure
E21_15 Device Diastolic Blood Pressure
E21_18 Device CO2 or etCO2
E21_20 Device Invasive Pressure Mean

DEVICE INVASIVE PRESSURE MEAN

E21_20

Data [number]

Definition

The Invasive Pressure Mean as calculated either through the invasive pressure monitor 1 or the invasive pressure monitor 2 (if appropriate for the event)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DeviceInvasivePressureMean*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **No**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **1,000**
XSD Structure: (1) Each element is section E21 is associated with a E21_01 Date/Time.

Field Values

Additional Information

- Associated with Event Date/Time (E21_01) and only if appropriate for the Medical Device Event (E21_02)

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

- Medical device and electronically transmitted to the EMS database for further use

Other Associated Elements

E01_01 Patient Care Report Number
E21_02 Medical Device Event Name
E21_01 Event Date/Time
E21_19 Device CO2, etCO2, or Invasive Pressure Monitor Units

Outcome and Linkage

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

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

LAW ENFORCEMENT/CRASH REPORT NUMBER

E22_03

Data [text]

Definition

The unique number associated with the law enforcement or crash report which can be used for linkage at a later date.

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

Field Values

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

Uses

- Important linkage between EMS data and Crash or Vehicle Data for Outcome evaluation

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

TRAUMA REGISTRY ID

E22_04

Data [text]

Definition

The unique number associated with the local or state trauma registry which can be used for linkage at a later date.

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

Field Values

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

Uses

- Important for Quality Management of the overall EMS Agency and Clinical performance
- Important linkage between EMS data and Trauma Data for Outcome evaluation

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

FIRE INCIDENT REPORT NUMBER

E22_05

Data [text]

Definition

The unique number associated with the fire incident report which can be used for linkage at a later date.

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

Field Values

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

Uses

- Important for Quality Management of the overall EMS Agency and Clinical performance
- Important linkage between EMS data and Fire Data for Outcome evaluation

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

PATIENT ID BAND/TAG NUMBER

E22_06

Data [text]

Definition

The unique number associated with a patient ID band agency. This is used by a few states as a universal linkage between healthcare data agencies.

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

Field Values

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

Uses

- Important for Quality Management of the overall EMS Agency and Clinical performance
- Important linkage between EMS data and the other components of the healthcare agency

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

Miscellaneous

REVIEW REQUESTED

E23_01

Data [combo] single-choice

Definition

Indication of whether the form needs review by anyone.

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

Field Values

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

Uses

- Agency related field to identify records for Quality Management review

Data Collector

- EMS personnel or anyone associated with the EMS agency

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

POTENTIAL REGISTRY CANDIDATE

E23_02

Data [combo] multiple-choice

Definition

An indication if the patient may meet the entry criteria for a injury or illness specific registry

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

Field Values

-25 Not Applicable
-15 Not Reporting
-5 Not Available
5400 Cardiac/MI
5410 Drowning
5420 Trauma
5430 Other
-20 Not Recorded
-10 Not Known
5395 Burn
5405 CVA/Stroke
5415 Spinal Cord Injury
5425 Traumatic Brain Injury

Uses

- Allows reports to be generated to assist in the enrollment of patients in mandated registries

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

PERSONAL PROTECTIVE EQUIPMENT USED

E23_03

Data [combo] multiple-choice

Definition

The personal protective equipment which was used by EMS personnel during this EMS patient contact.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PersonalProtectiveEquipmentUsed*
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	**5435**	Eye Protection
5440	Gloves	**5445**	Level A Suit
5450	Level B Suit	**5455**	Level C Suit
5460	Mask	**5465**	Other

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

SUSPECTED INTENTIONAL, OR UNINTENTIONAL DISASTER

E23_04

Data [combo] multiple-choice

Definition

Suspicion of the listed multi-casualty or domestic terrorism causes.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *SuspectedIntentionalOrUnintentionalDisaster*
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	**5470**	Biologic Agent
5475	Building Failure	**5480**	Chemical Agent
5485	Explosive Device	**5490**	Fire
5495	Hostage Event	**5500**	Mass Gathering
5505	Nuclear Agent	**5510**	Radioactive Device
5515	Secondary Destructive Device	**5520**	Shooting/Sniper
5525	Vehicular	**5530**	Weather

Uses

- May assist in the tracking and identification of Disaster or Terrorism related events

Data Collector

- EMS personnel

Other Associated Elements

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

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

E23_05

Data [combo] single-choice

Definition

Indication of unprotected contact with blood or body fluids

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

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

E23_06

Data [combo] multiple-choice

Definition

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

PERSONNEL EXPOSED

E23_07

Data [combo] multiple-choice

Definition

The EMS personnel who was/were exposed to unprotected contact with blood or body fluids

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PersonnelExposed*
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	**5590**	This EMS Crew
5595	Non-EMS individual	**5600**	Other EMS Personnel

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00	Common Null Values	**E01_01**	Patient Care Report Number
E23_05	Suspected Contact with Blood/Body Fluids of EMS Injury or Death	**E23_06**	Type of Suspected Blood/Body Fluid Exposure, Injury, or Death

REQUIRED REPORTABLE CONDITIONS

E23_08

Data [combo] single-choice

Definition

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

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values
E01_01 Patient Care Report Number

RESEARCH SURVEY FIELD

E23_09

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)** *ResearchField*
Multiple Entry Configuration Yes, via structure **Accepts Null Values** **Yes**
Required in XSD No **Minimum Constraint** **1** **Maximum Constraint** **50**
XSD Structure: Elements E23_09 and E23_11 are members of E23_09_0 Research Data 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 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

E00 Common Null Values
E01_01 Patient Care Report Number
E23_11 Research Survey Field Title

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

Appendix – A

Modification Date 05 / 04 / 2010

D07_03 - PERSONNEL'S EMPLOYMENT STATUS Page 94

According to the NEMSIS XSD the NEMSIS Data Dictionary 2.2.1 was missing a value for Element D07_03. This omission has been corrected. Below is the value that was added:

Element	Element Name	Value	Value Name
D07_03	Personnel's Employment Status	7535	No Longer Employed By Service

Modification Date 02 / 24 / 2010

E12_04 - FIRST NAME OF PATIENT'S PRIMARY PRACTITIONER Page 297
E12_05 - MIDDLE NAME OF PATIENT'S PRIMARY PRACTITIONER Page 298
E12_06 - LAST NAME OF PATIENT'S PRIMARY PRACTITIONER Page 299

The Data Dictionary does not accurately reflect the XSD structure for E12_04, E12_05 and E12_06. According to the XSD, these three elements are child elements of E12_4_0 however the Data Dictionary shows E12_04_0: "XSD Structure: E12_04, E12_05, and E12_06 are all members of E12_04_0 Primary Practitioner's Name Structure". This is causing problems for submission of data to Pennsylvania. E12_04_0 has been changed to E12_4_0

D04_04 - PROCEDURES Page 344

Procedures codes have been added to D04_04 as shown in the table below.

NEMSIS Version 2.2.1 Accepted Procedure (D04_04) Changes 1/24/2009		
1.	12-Lead ECG-Obtain	▪ Same as 89.820
2.	12-Lead ECG-Transmitted	▪ Add as 89.821
3.	Activation-Advanced Hazmat Specialty Service/Response Team	▪ Add as 101.201
4.	Activation-Fire Rehabilitation Specialty Service/Response Team	▪ Add as 101.202
5.	Activation-Other Specialty Service/Response Team	▪ Add as 101.203
6.	Activation-Rescue Specialty Service/Response Team	▪ Add as 101.204
7.	Activation-Social Services Notification/Referral	▪ Add as 101.205
8.	Activation-Tactical or SWAT Specialty Service/Response Team	▪ Add as 101.206
9.	Airway Intubation-Existing Tracheostomy Stoma	▪ Add as 97.231
10.	Airway-BiPAP	▪ Add as 96.702
11.	Airway-Direct Laryngoscopy	▪ Add as 31.420
12.	Airway-Extubation	▪ Add as 96.993
13.	Airway-Foreign Body Removal	▪ Add as 98.131
14.	Airway-Impedence Threshold Device	▪ Add as 96.703
15.	Airway-Intubation Confirm Colorimetric ETCO2	▪ Same as 96.991
16.	Airway-King LT Blind Insertion Airway Device	▪ Add as 96.053
17.	Airway-Video Laryngoscopy	▪ Add as 31.421
18.	Assisted ventilation (positive pressure) Airway bagged (Tube or BVM)	▪ Same as Airway-Bagged (93.930) but name changed to Airway-Bagged (BVM or tube)
19.	CO2 Monitoring without intubation	▪ Same as Capnography (89.391) but name change to Capnography (CO2 measurement)
20.	Contact Medical Control	▪ Add as 101.500
21.	CPR-AutoPulse Device	▪ Add as 99.602
22.	CPR-Mechanical Thumper Type Device	▪ Add as 99.603
23.	CPR-Other External Device	▪ Add as 99.601 (Name change but same as CPR by External Automated Device)
24.	CPR-Precordial Thump Only	▪ Add as 99.604
25.	CPR-Start Compressions and Ventilations	▪ Same as CPR (99.600) but will change name to CPR-Start
26.	CPR-Start Compressions only without Ventilation	▪ Add as 99.611
27.	CPR-Start Rescue Breathing Only without Compressions	▪ Add as 99.612
28.	CPR-Stop	▪ Add as 99.615
29.	Escarotomy	▪ Add as 86.090
30.	Gastric Tube Insertion-Inserted Orally	▪ Add as 96.071
31.	Intra-Aortic Balloon Pump Maintenance	▪ Same as Intra-Aortic Balloon Pump but name changed (37.611)
32.	Joint Reduction/Relocation	▪ Add as 79.700

33.	Left Ventricular Assist Device Maintenance	▪ Add as 37.612
34.	Patient Cooling (Cold Pack, etc)	▪ Add as 99.810
35.	Patient Cooling-Post Resuscitation	▪ Add as 99.811
36.	Patient Loaded	▪ Add as 100.300 includes all vehicle types including Helicopter-Cold Loads
37.	Patient Loaded-Helicopter Hot-Load	▪ Add as 100.301
38.	Patient Monitoring-Pre-existing devices, equipment, or ongoing medications	▪ Add as 89.599
39.	Patient Off-Loaded	▪ Add as 100.302 includes all vehicle types including Helicopter-Cold Off Loads
40.	Patient Off-Loaded-Helicopter Hot Off-Load	▪ Add as 100.303
41.	Patient Warming (Hot Pack, etc)	▪ Add as 93.350
42.	Pericardiocentesis	▪ Add as 37.000
43.	Specialty Center Activation-Adult Trauma	▪ Add as 101.101
44.	Specialty Center Activation-Cardiac Arrest	▪ Add as 101.103
45.	Specialty Center Activation-Pediatric Trauma	▪ Add as 101.102
46.	Specialty Center Activation-STEMI	▪ Add as 101.104
47.	Specialty Center Activation-Stroke	▪ Add as 101.105
48.	Vagal Maneuver- Valsalva Maneuver (Not Carotid Massage)	▪ Add as 99.641
49.	Vagal Maneuver-Carotid Massage (99.640)	▪ Name change from Carotid Massage (99.640)
50.	Venous Access-Umbilical Vein Cannulation	▪ Add as 39.998
51.	Wound Care-Hemostatic Agent	▪ Add as 93.059
52.	Wound Care-Irrigation	▪ Add as 93.058
53.	Wound Care-Taser Barb Removal	▪ Add as 93.055
54.	Wound Care-Tourniquet	▪ Add as 93.056

Modification Date 10 / 27 / 2008

E23_09 - RESEARCH SURVEY FIELD Page 464

Data Dictionary maximum constraint changed from 2 to 1. Maximum value changed from 30 to 50

Modification Date 10 / 14 / 2008

E14_05 - DBP (Diastolic Blood Pressure) Page 317

Data Dictionary maximum constraint changed to 200, from 300, because XSD has 200 for maximum value

E14_26 - APGAR Page 338

“Accept Null Values” changed from “No” to “Yes, but null value is blank or empty”

E04_03 - Crew Member Level Page 471

D04_01 - State Certification Licensure Levels Page 473

For element E04_03 the Data Dictionary indicates this field is an integer value. However the values for E04_03 are based on a demographic list pulled from data element D04_01, which allows for text to provide for state-specific crew member levels not included in the NEMSIS set. The “XSD Data Type” for D04_01 indicates “string/integer”. To reflect this, E04_01 “XSD Data Type” was changed to “string/integer”.

Modification Date 2007

E11_06 - Any Return of Spontaneous Circulation Page 283

“0 No” changed to “2380 No”

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