

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.NEMESIS.org

NHTSA Uniform PreHospital EMS Dataset Version 2.2.1

National EMS Information Agency Project (NEMESIS)
www.nemesis.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 2.2.1 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

**NHTSA Uniform Pre-Hospital Emergency Medical Services (EMS) Dataset
Version 2.2.1 (2006)**

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Agency General Information

Definition

The state-assigned provider number of the responding agency

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>EMSAgencyNumber</i>
Multiple Entry Configuration	No	Accepts Null Value	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 Format [text]

Definition

The formal name of the agency

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>EMSAgencyName</i>
Multiple Entry Configuration	No	Accepts Null Value	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

Definition

The state in which the Agency provides services

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>AgencyState</i>
Multiple Entry Configuration	Yes	Accepts Null Value	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

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>AgencyCounty</i>
Multiple Entry Configuration Yes	Accepts Null Value 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 Format [combo] single-choice

Definition

The primary service type provided by the agency

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PrimaryTypeOfService</i>
Multiple Entry Configuration No	Accepts Null Value 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

Data Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>OtherTypesOfService</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

- 25 Not Applicable
- 5 Not Available
- 5700 911 Response (Scene) without Transport Capability
- 5720 Hazmat
- 5740 Paramedic Intercept
- 5760 Specialty Care Transport
- 10 Not Known
- 5690 911 Response (Scene) with Transport Capability
- 5710 Air Medical
- 5730 Medical Transport (Convalescent)
- 5750 Rescue

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

References in NHTSA Version 1

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

References to Other Databases

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

ORGANIZATIONAL TYPE

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>OrganizationalType</i>
Multiple Entry Configuration No	Accepts Null Value 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 Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>OrganizationStatus</i>
Multiple Entry Configuration No	Accepts Null Value 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

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 Value	No
Required in XSD	Yes	Minimum Constraint	1,990
		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

Data Format [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 <i>xs:string</i>	XSD Domain (Simple Type) <i>OtherAgenciesInArea</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 50

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-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

Definition

The total square miles in the agency's service area

XSD Data Type	<i>xs:positiveInteger</i>	XSD Domain (Simple Type)	<i>TotalServiceSizeArea</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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 Format [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	<i>xs:positiveInteger</i>	XSD Domain (Simple Type)	<i>TotalServiceAreaPopulation</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

Definition

The number of 911 EMS calls for the calendar year

XSD Data Type	<i>xs:positiveInteger</i>	XSD Domain (Simple Type)	<i>CallVolumeYear911</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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 Format [number]

National Element

Definition

The number of EMS dispatches for the calendar year

XSD Data Type	<i>xs:positiveInteger</i>	XSD Domain (Simple Type)	<i>EMSDispatchVolumeYear</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

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 Value** 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

Definition

The number of EMS patient contacts for that calendar year

XSD Data Type	<i>xs:positiveInteger</i>	XSD Domain (Simple Type)	<i>EMSPatientContactVolumeYear</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

Data Format [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 Value** 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

Definition

The time zone for the EMS Agency

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>EMSAgencyTimeZone</i>
Multiple Entry Configuration No	Accepts Null Value 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

Data Format [text]

Definition

Indicate if the EMS Agency conforms to Daylight Savings Time

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>EMSAgencyDaylightSavingsTimeUse</i>
Multiple Entry Configuration	No	Accepts Null Value	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

Data Format [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	<i>xs:string</i>	XSD Domain (Simple Type)	<i>NationalProviderIdentifier</i>
Multiple Entry Configuration	No	Accepts Null Value	Yes
Required in XSD	Yes	Minimum Constraint	3
		Maximum Constraint	10

Field Values

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

Additional Information

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

Uses

- Important for HIPAA related transactions such as electronic claims processing

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number



Agency Contact Information

AGENCY CONTACT LAST NAME

Data Format [text]

Definition

The Last Name of the agency's primary contact.

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>DemographicLastName</i>		
Multiple Entry Configuration	No	Accepts Null Value	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

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>FirstName</i>
Multiple Entry Configuration	No	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

-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_01 Agency Contact Last Name

D02_03 Agency Contact First Name

E00 Common Null Values

AGENCY CONTACT FIRST NAME

Data Format [text]

Definition

The First Name of the agency's primary contact.

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>MiddleInitialName</i>
Multiple Entry Configuration	No	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

-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_01 Agency Contact Last Name

D02_02 Agency Contact Middle Name/Initial

E00 Common Null Values

AGENCY CONTACT ADDRESS

D02_04

Data Format [text]

Definition

The Agency contact's location or physical address.

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>StreetAddress</i>
Multiple Entry Configuration	No	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

-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 Format [combo] single-choice

Definition

The city of the Agency contact's mailing address.

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>City</i>
Multiple Entry Configuration No	Accepts Null Value 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.

-25 Not Applicable

-10 Not Known

-5 Not Available

Additional Information

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

Uses

- Component of the EMS Agency Contact Information/Address

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

D02_04 Agency Contact Address

D02_06 Agency Contact State

D02_07 Agency Contact Zip Code

E00 Common Null Values

AGENCY CONTACT STATE

Data Format [combo] single-choice

Definition

The state of the Agency contact's mailing address.

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>State</i>
Multiple Entry Configuration No	Accepts Null Value 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.

-25 Not Applicable

-10 Not Known

-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_04 Agency Contact Address

D02_05 Agency Contact City

D02_07 Agency Contact Zip Code

E00 Common Null Values

Definition

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

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

Field Values

A unique value; no variable list is possible.

Additional Information

- Can be a 5 or 9 digit Zip Code

Uses

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

Data Collector

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

Other Associated Elements

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

AGENCY CONTACT FAX NUMBER

D02_09

Data Format [text]

Definition

The primary fax number of the Agency contact.

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

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-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

Data Format [text]

Definition

The primary email address of the Agency contact.

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

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-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 Format [text]

Definition

The primary website address (URL) of the agency.

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

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-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 Format [text]

Definition

The Last Name of the Agency's Medical Director

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>DemographicLastName</i>		
Multiple Entry Configuration	No	Accepts Null Value	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 Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>MiddleInitialName</i>
Multiple Entry Configuration	No	Accepts Null Value	Yes
Required in XSD	No	Minimum Constraint	1
		Maximum Constraint	20

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

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Uses

- Component of the EMS Medical Director's Contact Information/ Address

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

D03_01 Agency Medical Director Last Name

D03_03 Agency Medical Director First Name

E00 Common Null Values

AGENCY MEDICAL DIRECTOR FIRST NAME

D03_03

Data Format [text]

Definition

The First Name of the Agency's Medical Director

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>FirstName</i>
Multiple Entry Configuration	No	Accepts Null Value	Yes
Required in XSD	No	Minimum Constraint	1
		Maximum Constraint	20

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

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Uses

- Component of the EMS Medical Director's Contact Information/ Address

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

D03_01 Agency Medical Director Last Name

D03_02 Agency Medical Director Middle Name/Initial

E00 Common Null Values

AGENCY MEDICAL DIRECTOR ADDRESS

D03_04

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>StreetAddress</i>		
Multiple Entry Configuration	No	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

-5 Not Available

Uses

- Component of the EMS Medical Director's Contact Information/ Address

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number	D03_01 Agency Medical Director Last Name
D03_05 Agency Medical Director City	D03_06 Agency Medical Director State
D03_07 Agency Medical Director Zip Code	E00 Common Null Values

Data Format [combo] single-choice

Definition

The city of the Agency medical director's mailing address

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>City</i>
Multiple Entry Configuration	No	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

-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_01 Agency Medical Director Last Name
D03_04 Agency Medical Director Address	D03_06 Agency Medical Director State
D03_07 Agency Medical Director Zip Code	E00 Common Null Values

Data Format [combo] single-choice

Definition

The state of the Agency medical director's mailing address

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	State
Multiple Entry Configuration	No	Accepts Null Value	Yes
Required in XSD	No	Minimum Constraint	2
		Maximum Constraint	3

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

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Additional Information

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

Uses

- Component of the EMS Medical Director's Contact Information/ Address

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number	D03_01 Agency Medical Director Last Name
D03_04 Agency Medical Director Address	D03_05 Agency Medical Director City
D03_07 Agency Medical Director Zip Code	E00 Common Null Values

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>DemographicZip</i>		
Multiple Entry Configuration	No	Accepts Null Value	No		
Required in XSD	No	Minimum Constraint	5	Maximum Constraint	10
XSD Structure: D03_04, D03_05, D03_06, and D03_07 are all members of D03_04_0 Agency Medical Director Address					

Field Values

A unique value; no variable list is possible.

Additional Information

- Can be a 5 or 9 digit Zip Code

Uses

- Component of the EMS Medical Director's Contact Information/ Address

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number	D03_01 Agency Medical Director Last Name
D03_04 Agency Medical Director Address	D03_05 Agency Medical Director City
D03_06 Agency Medical Director State	

AGENCY MEDICAL DIRECTOR TELEPHONE NUMBER

D03_08

Data Format [text]

Definition

The primary phone number of the Agency's medical director

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

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Additional Information

- 10 digit telephone number

Uses

- Component of the EMS Medical Director's Contact Information/ Address

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

D03_01 Agency Medical Director Last Name

E00 Common Null Values

AGENCY MEDICAL DIRECTOR FAX NUMBER

D03_09

Data Format [text]

Definition

The primary fax number of the Agency's medical director

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

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Additional Information

- 10 digit telephone number

Uses

- Component of the EMS Medical Director's Contact Information/ Address

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

D03_01 Agency Medical Director Last Name

E00 Common Null Values

Data Format [combo] single-choice

Definition

The primary medical specialty of the Agency Medical Director

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>AgencyMedicalDirectorsMedicalSpecialty</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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 Format [text]

Definition

The primary email address of the Agency's medical director

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

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Uses

- Component of the EMS Medical Director's Contact Information/ Address

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

D03_01 Agency Medical Director Last Name

E00 Common Null Values



Agency Configuration Information

Data Format [combo] multiple-choice

Definition

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

XSD Data Type	<i>xs:string/integer</i>	XSD Domain (Simple Type)	<i>DemographicStateCertificationLicensureLevels</i>
Multiple Entry Configuration	Yes	Accepts Null Value	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

Data Format [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	<i>xs:string</i>	XSD Domain (Simple Type)	<i>EMSUnitNumber</i>
Multiple Entry Configuration	Yes	Accepts Null Value	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

Data Format [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 <i>xs:string</i>	XSD Domain (Simple Type) <i>DemographicZoneNumber</i>
Multiple Entry Configuration Yes	Accepts Null Value 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

Data Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>DemographicProcedure</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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

- | | |
|--|--|
| 89.820 12 Lead ECG | 93.930 Airway-Bagged |
| 93.931 Airway-BVM | 97.230 Airway-Change Tracheostomy Tube |
| 98.130 Airway-Cleared | 96.051 Airway-Combitube |
| 93.900 Airway-CPAP | 96.030 Airway-EOA/EGTA |
| 96.991 Airway-Intubation Confirm CO2 | 96.992 Airway-Intubation Confirm Esophageal Bulb |
| 96.052 Airway-Laryngeal Mask | 96.010 Airway-Nasal |
| 96.041 Airway-Nasotracheal Intubation | 93.940 Airway-Nebulizer Treatment |
| 31.110 Airway-Needle Cricothyrotomy | 96.020 Airway-Oral |
| 96.040 Airway-Orotracheal Intubation | 96.790 Airway-PEEP |
| 96.042 Airway-Rapid Sequence Induction | 93.910 Airway-Respirator Operation (BLS) |
| 98.150 Airway-Suctioning | 31.120 Airway-Surgical Cricothyrotomy |
| 96.700 Airway-Ventilator Operation | 96.701 Airway-Ventilator with PEEP |
| 38.910 Arterial Access-Blood Draw | 89.610 Arterial Line Maintenance |
| 89.700 Assessment-Adult | 89.701 Assessment-Pediatric |
| 38.995 Blood Glucose Analysis | 89.391 Capnography |
| 89.510 Cardiac Monitor | 99.624 Cardiac Pacing-External |
| 99.626 Cardiac Pacing-Transvenous | 99.623 Cardioversion |
| 99.640 Carotid Massage | 34.041 Chest Decompression |
| 34.042 Chest Tube Placement | 73.590 Childbirth |
| 1.181 CNS Catheter-Epidural Maintenance | 1.182 CNS Catheter-Intraventricular Maintenance |
| 99.600 CPR | 99.601 CPR by External Automated Device |
| 86.280 Decontamination | 99.621 Defibrillation-Automated (AED) |
| 99.622 Defibrillation-Manual | 99.625 Defibrillation-Placement for Monitoring/Analysis |
| 100.200 Extrication | 99.290 Injections-SQ/IM |
| 37.611 Intra-Aortic Balloon Pump | 93.580 MAST |
| 96.070 Nasogastric Tube Insertion | 89.590 Orthostatic Blood Pressure Measurement |
| 89.702 Pain Measurement | 89.392 Pulse Oximetry |
| 100.100 Rescue | 99.841 Restraints-Pharmacological |
| 99.842 Restraints-Physical | 93.591 Spinal Immobilization |
| 93.540 Splinting-Basic | 93.450 Splinting-Traction |
| 89.703 Temperature Measurement | 89.704 Thrombolytic Screen |
| 57.940 Urinary Catheterization | 38.990 Venous Access-Blood Draw |
| 89.620 Venous Access-Central Line Maintenance | 39.997 Venous Access-Discontinue |
| 38.991 Venous Access-Existing Catheter | 38.993 Venous Access-External Jugular Line |
| 38.992 Venous Access-Extremity | 38.994 Venous Access-Femoral Line |
| 39.995 Venous Access-Internal Jugular Line | 41.920 Venous Access-Intraosseous Adult |

41.921 Venous Access-Intraosseous Pediatric
89.640 Venous Access-Swan Ganz Maintenance

39.996 Venous Access-Subclavian Line
93.057 Wound Care

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 Format [combo] multiple-choice

Definition

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

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

Data Format [text] multiple-entry

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>DemographicMedicationsGiven</i>	
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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 Format [combo] multiple-choice

Definition

All personnel levels which are permitted to use the associated medication

XSD Data Type	<i>xs:string/integer</i>	XSD Domain (Simple Type)	<i>DemographicStateCertificationLicensureLevels</i>		
Multiple Entry Configuration	(1) Yes with each Procedure. (2) Yes, via structure	Accepts Null Value	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					
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
---------------------------------	---------------------------------

Data Format [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	<i>xs:string</i>	XSD Domain (Simple Type)	<i>DemographicProtocolsUsed</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

Data Format [combo] single-choice

Definition

All personnel levels which are permitted to use the associated Protocol

XSD Data Type	<i>xs:string/integer</i>	XSD Domain (Simple Type)	<i>DemographicStateCertificationLicensureLevels</i>
Multiple Entry Configuration	(1) Yes with each Procedure. (2) Yes, via structure	Accepts Null Value	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

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 Format [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 Value** No

Required in XSD No

XSD Structure: D04_10 is a member of D04_10_0 Demographic State Certification Licensure Levels

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 Format [text] multiple-entry

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>FacilityName</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

Data Format [text]

Definition

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

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

XSD Structure: D04_11 and D04_12 are members of D04_11_0 Hospitals Served Structure

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number
E00 Common Null Values

D04_11 Hospitals Served

Data Format [text] multiple-entry

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>FacilityName</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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 Format [text]

Definition

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

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

XSD Structure: D04_13, D04_14 and D04_15 are members of D04_13_0 Other Destinations Structure

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

D04_13 Other Destinations

D04_15 Destination Type

E00 Common Null Values

DESTINATION TYPE

Data Format [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 Value** 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

Data Format [text] multiple-entry

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>InsuranceCompanyName</i>
Multiple Entry Configuration	Yes	Accepts Null Value	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

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>EMDVendor</i>
Multiple Entry Configuration No	Accepts Null Value 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

Data Format [text]

Definition

Name of the agency's station

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>StationName</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

Data Format [text]

Definition

ID number of the agency's station

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>StationNumber</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

-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

Data Format [text]

Definition

The geographic zone or location of the agency's station

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>DemographicZoneNumber</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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	

Data Format [text]

Definition

The GPS coordinate for the agency's station

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>GPSLocation</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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_01 Station Name
D05_02 Station Number	D05_03 Station Zone
D05_05 Station Address	D05_06 Station City
D05_07 Station State	D05_08 Station Zip
D05_09 Station Telephone Number	

STATION ADDRESS

D05_05

Data Format [text]

Definition

Address of the agency's station

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>StreetAddress</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

-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

Data Format [combo] single-choice

Definition

City of the agency's station

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>City</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

-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_01 Station Name
D05_02 Station Number	D05_03 Station Zone
D05_04 Station GPS	D05_05 Station Address
D05_07 Station State	D05_08 Station Zip
D05_09 Station Telephone Number	E00 Common Null Values

STATION STATE

Data Format [combo] single-choice

Definition

State of the agency's station

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>State</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

-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_01 Station Name
D05_02 Station Number	D05_03 Station Zone
D05_04 Station GPS	D05_05 Station Address
D05_06 Station City	D05_08 Station Zip
D05_09 Station Telephone Number	E00 Common Null Values

Definition

ZIP Code of the agency's station

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>DemographicZip</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	5
		Maximum Constraint	10

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

Data Format [text]

Definition

The telephone number of the agency's station

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

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-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_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_08 Station Zip

E00 Common Null Values



Agency Vehicle Information

UNIT/VEHICLE NUMBER

D06_01

Data Format [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 <i>xs:string</i>	XSD Domain (Simple Type) <i>VehicleNumber</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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 Format [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 Value** 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

Data Format [combo] single-choice

Definition

The personnel certification/licensure level of the vehicle crew member

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>StateCertificationLicensureLevels</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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 Format [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 Value** 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

Data Format [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	<i>xs:positiveInteger</i>	XSD Domain (Simple Type)	<i>VehicleInitialCost</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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	

Data Format [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	<i>xs:gYear</i>	XSD Domain (Simple Type)	<i>VehicleYear</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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	

Data Format [date/time]

Definition

The year the Hours and miles were accumulated

XSD Data Type	<i>xs:gYear</i>	XSD Domain (Simple Type)	<i>VehicleYear</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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	

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 Value** 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.

-25 Not Applicable

-10 Not Known

-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

Data Format [number]

Definition

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

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>AnnualOdometerReading</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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.

-25 Not Applicable

-10 Not Known

-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

Data Format [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 Value	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

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>StateLicensureID</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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 Format [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 Value** No

Required in XSD No

XSD Structure: (1) All Section D07 data elements are associated with D07_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07_02 State Licensure Number Structure. (3) D07_03 and D07_04 are members of D07_03_0 Employment Status Structure

Field Values

7490 Full Time Paid Employee

7500 Full Time Unpaid Employee

7510 Part Time Paid and Part Time Unpaid Employee

7520 Part Time Paid Employee

7530 Part Time Unpaid Employee

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

D07_01 Personnel's Agency ID Number

D07_02 State/Licensure ID Number

D07_04 Employment Status Date

D07_05 Personnel's Level of Certification/Licensure for Agency

D07_06 Date of Personnel's Certification or Licensure for Agency

Data Format [date/time]

Definition

The date that the employee status was assigned

XSD Data Type	<i>xs:date</i>	XSD Domain (Simple Type)	<i>Date</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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 Format [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 Value** 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 |
- Text as defined in D04_01

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 |

Data Format [date/time]

Definition

The date that the Certification/Licensure was achieved

XSD Data Type	<i>xs:date</i>	XSD Domain (Simple Type)	<i>Date</i>
Multiple Entry Configuration	Yes, for Structures 1 and 3	Accepts Null Value	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_01 Personnel's Agency ID 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 |



General Personnel Information

EMS PERSONNEL'S LAST NAME

D08_01

Data Format [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 Value** No

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

XSD Structure: (1) All Section D07 data elements are associated with D07_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07_02 State Licensure Number Structure. (3) D08_01, D08_02, and D08_02 are members of D08_01_0 Personnel Name Structure

Field Values

A unique value; no variable list is possible.

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

D07_02 State/Licensure ID Number

D08_02 EMS Personnel's Middle Name/Initial

D08_03 EMS Personnel's First Name

Data Format [text]

Definition

Middle name or initial of personnel

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>MiddleInitialName</i>
Multiple Entry Configuration	Yes, via structure 2	Accepts Null Value	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

-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

Data Format [text]

Definition

First name of personnel

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>FirstName</i>
Multiple Entry Configuration	Yes, via structure 2	Accepts Null Value	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

-10 Not Known

-5 Not Available

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

D07_02 State/Licensure ID Number

D08_01 EMS Personnel's Last Name

D08_02 EMS Personnel's Middle Name/Initial

E00 Common Null Values

Data Format [text]

Definition

Street or PO Box of the personnel's mailing address

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>StreetAddress</i>
Multiple Entry Configuration Yes, via structure 2	Accepts Null Value 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.

-25 Not Applicable

-10 Not Known

-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	D07_02 State/Licensure ID Number
D08_01 EMS Personnel's Last Name	D08_05 EMS Personnel's City of Residence
D08_06 EMS Personnel's State	D08_07 EMS Personnel's Zip Code
E00 Common Null Values	

Data Format [combo] single-choice

Definition

City of personnel's mailing address

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>City</i>
Multiple Entry Configuration	Yes, via structure 2	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

-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

D07_02 State/Licensure ID Number

D08_01 EMS Personnel's Last Name

D08_04 EMS Personnel's Mailing Address

D08_06 EMS Personnel's State

D08_07 EMS Personnel's Zip Code

E00 Common Null Values

Data Format [combo] single-choice

Definition

State of personnel's mailing address

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>State</i>
Multiple Entry Configuration Yes, via structure 2	Accepts Null Value 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.

-25 Not Applicable

-10 Not Known

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

Data Format [text]

Definition

ZIP code of personnel's mailing address

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>DemographicZip</i>		
Multiple Entry Configuration	Yes, via structure 2	Accepts Null Value	No		
Required in XSD	No	Minimum Constraint	5	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. (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	D07_02 State/Licensure ID Number
D08_01 EMS Personnel's Last Name	D08_04 EMS Personnel's Mailing Address
D08_05 EMS Personnel's City of Residence	D08_06 EMS Personnel's State

Data Format [text]

Definition

Work phone number of the personnel

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>TelephoneNumber</i>
Multiple Entry Configuration	Yes, via structure 2	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

-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

D07_02 State/Licensure ID Number

D08_01 EMS Personnel's Last Name

E00 Common Null Values

Data Format [text]

Definition

Home phone number of the personnel

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>TelephoneNumber</i>
Multiple Entry Configuration	Yes, via structure 2	Accepts Null Value	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.

-25 Not Applicable

-10 Not Known

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

EMS PERSONNEL'S EMAIL ADDRESS

D08_10

Data Format [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 Value** 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.

-25 Not Applicable

-10 Not Known

-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

D07_02 State/Licensure ID Number

D08_01 EMS Personnel's Last Name

E00 Common Null Values

EMS PERSONNEL'S DATE OF BIRTH

D08_11

Data Format [date]

Definition

The EMS personnel's date of birth.

XSD Data Type <i>xs:date</i>	XSD Domain (Simple Type) <i>DateOfBirth</i>
Multiple Entry Configuration Yes, via structure 2	Accepts Null Value 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 Format [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 Value** 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

-10 Not Known

-5 Not Available

650 Male

655 Female

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

D07_02 State/Licensure ID Number

D08_01 EMS Personnel's Last Name

EMS PERSONNEL'S RACE

D08_13

Data Format [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 Value** 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 Format [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 Value** 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

Data Format [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 Value** 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 |
- Text as defined in D04_01

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 |

Data Format [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 Value** 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	-10 Not Known
-5 Not Available	0 No
1 Yes	

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	D07_02 State/Licensure ID Number
D08_01 EMS Personnel's Last Name	D08_15 State EMS Certification Licensure Level
D08_17 State EMS Current Certification Date	D08_18 Initial State Certification Date
E00 Common Null Values	

Data Format [date/time]

Definition

The date of the personnel's current certification.

XSD Data Type <i>xs:date</i>	XSD Domain (Simple Type) <i>Date</i>
Multiple Entry Configuration Yes, via structure 2 and 3	Accepts Null Value 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 | D07_02 State/Licensure ID Number |
| D08_01 EMS Personnel's Last Name | D08_15 State EMS Certification Licensure Level |
| D08_16 National Registry Credentialed | D08_18 Initial State Certification Date |

Data Format [date/time]

Definition

The certification date of personnel's current State certification

XSD Data Type <i>xs:date</i>	XSD Domain (Simple Type) <i>Date</i>
Multiple Entry Configuration Yes, via structure 2 and 3	Accepts Null Value 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 | D07_02 State/Licensure ID Number |
| D08_01 EMS Personnel's Last Name | D08_15 State EMS Certification Licensure Level |
| D08_16 National Registry Credentialed | D08_17 State EMS Current Certification Date |

TOTAL LENGTH OF SERVICE

D08_19

Data Format [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 Value** 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

D07_02 State/Licensure ID Number

D08_01 EMS Personnel's Last Name

D08_20 Date Length of Service Documented

DATE LENGTH OF SERVICE DOCUMENTED

D08_20

Data Format [date/time]

Definition

The date which the length of EMS service was documented

XSD Data Type <i>xs:date</i>	XSD Domain (Simple Type) <i>Date</i>
Multiple Entry Configuration Yes, via structure 2 and 3	Accepts Null Value 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

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>DeviceSerialNumber</i>		
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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	

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>DeviceNameOrID</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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_01 Device Serial Number
D09_03 Device Manufacturer	D09_04 Model Number
D09_05 Device Purchase Date	

Data Format [text]

Definition

The manufacturer of the medical device

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>DeviceManufacturer</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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_01 Device Serial Number
D09_02 Device Name or ID	D09_04 Model Number
D09_05 Device Purchase Date	

Data Format [text]

Definition

The specific manufacturer's model number associated with medical device

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>ModelNumber</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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_01 Device Serial Number
D09_02 Device Name or ID	D09_03 Device Manufacturer
D09_05 Device Purchase Date	

DEVICE PURCHASE DATE

Data Format [date/time]

Definition

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

XSD Data Type <i>xs:date</i>	XSD Domain (Simple Type) <i>Date</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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_01 Device Serial Number |
| D09_02 Device Name or ID | D09_03 Device Manufacturer |
| D09_04 Model Number | |



Common EMS Values

Definition

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

Field Values

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

Additional Information

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



Record Information

Data Format [text]

National Element

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>PatientCareReportNumber</i>
Multiple Entry Configuration No	Accepts Null Value 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

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>SoftwareCreatedBy</i>
Multiple Entry Configuration	No	Accepts Null Value	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

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>SoftwareName</i>
Multiple Entry Configuration	No	Accepts Null Value	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

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>SoftwareVersion</i>
Multiple Entry Configuration	No	Accepts Null Value	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

Definition

The state-assigned provider number of the responding agency

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>EMSAgencyNumber</i>
Multiple Entry Configuration	No	Accepts Null Value	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

Data Format [text]

Definition

The incident number assigned by the 911 Dispatch System

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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 Format [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 <i>xs:string</i>	XSD Domain (Simple Type) <i>EMSUnitResponseNumber</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 1 Maximum Constraint 15

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>TypeOfServiceRequested</i>
Multiple Entry Configuration No	Accepts Null Value 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 Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PrimaryRollOfTheUnit</i>
Multiple Entry Configuration No	Accepts Null Value 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

Data Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>TypeOfDispatchDelay</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|--|---------------------------------------|
| -25 Not Applicable | -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

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>TypeOfResponseDelay</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|--------------------|---------------------|
| -25 Not Applicable | -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

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

TYPE OF TRANSPORT DELAY

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>TypeOfTransportDelay</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|---------------------------|----------------------------|
| -25 Not Applicable | -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

Data Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>TypeOfTurnAroundDelay</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD Yes	

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

EMS UNIT/VEHICLE NUMBER

Data Format [combo] single-choice

Definition

The unique physical vehicle number of the responding unit

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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)

Data Format [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 <i>xs:string</i>	XSD Domain (Simple Type) <i>EMSUnitCallSign</i>
Multiple Entry Configuration No	Accepts Null Value No
Required in XSD Yes	Minimum Constraint 2 Maximum Constraint 15

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>VehicleDispatchLocation</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 1 Maximum Constraint 30

Field Values

- 25 Not Applicable
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>ZoneNumber</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 1 Maximum Constraint 30

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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

Data Format [text]

Definition

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

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>GPSLocation</i>
Multiple Entry Configuration No	Accepts Null Value No

Required in XSD No

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [number]

Definition

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

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>OdometerReading</i>
Multiple Entry Configuration No	Accepts Null Value No
Required in XSD No	Minimum Constraint 0 Maximum Constraint 1,000,000

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [number]

Definition

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

XSD Data Type	<i>xs:decimal</i>	XSD Domain (Simple Type)	<i>OdometerReading</i>
Multiple Entry Configuration	No	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	1,000,000

Field Values

- Relevant Value for Data Element & Patient Care

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 Format [number]

Definition

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

XSD Data Type	<i>xs:decimal</i>	XSD Domain (Simple Type)	<i>OdometerReading</i>
Multiple Entry Configuration	No	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	1,000,000

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [number]

Definition

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

XSD Data Type	<i>xs:decimal</i>	XSD Domain (Simple Type)	<i>OdometerReading</i>
Multiple Entry Configuration	No	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	1,000,000

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>ResponseModeToScene</i>
Multiple Entry Configuration No	Accepts Null Value 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 Format [combo] single-choice

National Element

Definition

The complaint dispatch reported to the responding unit.

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

References to Other Databases

NHTSA EMD Data Element Chief Complaint Types

EMD PERFORMED

Data Format [combo] single-choice

National Element

Definition

Indication of whether EMD was performed for this EMS event.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>EMDPerformed</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- 25 Not Applicable
- 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

Data Format [text]

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>EMDCardNumber</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 1 Maximum Constraint 10

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>CrewMemberID</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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 Format [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 Value 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

-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

Data Format [combo] single-choice

Definition

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

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

Multiple Entry Configuration Yes, via structure **Accepts Null Value** 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 | -10 Not Known |
| -5 Not Available | 635 Student |
| 640 Other Healthcare Professional | 645 Other Non-Healthcare Professional |
| 6090 EMT-Basic | 6100 EMT-Intermediate |
| 6110 EMT-Paramedic | 6111 Nurse |
| 6112 Physician | 6120 First Responder |

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

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

References to Other Databases

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



Times

INCIDENT OR ONSET DATE/TIME

E05_01

Data Format [date/time]

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [date/time]

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [date/time]

National Element

Definition

The date the responding unit was notified by dispatch

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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.

Data Format [date/time]

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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 Format [date/time]

National Element

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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 Format [date/time]

National Element

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [date/time]

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [text]

Definition

The patient's last (family) name

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>LastName</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

- Allows a patient's information to be stored and retrieved by Name
- Key component of an EMS Medical Record
- Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E06_02 First Name	E06_03 Middle Initial/Name

References in NHTSA Version 1

Essential Element 32 Patient Name

FIRST NAME

E06_02

Data Format [text]

Definition

The patient's first (given) name

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>FirstName</i>
Multiple Entry Configuration No	Accepts Null Value 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

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

- Allows a patient's information to be stored and retrieved by Name
- Key component of an EMS Medical Record
- Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E06_01 Last Name

E06_03 Middle Initial/Name

References in NHTSA Version 1

Essential Element 32 Patient Name

Data Format [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 Value	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
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

- Allows a patient's information to be stored and retrieved by Name
- Key component of an EMS Medical Record
- Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc

Data Collector

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

Other Associated Elements

- | | |
|------------------------|-----------------------------------|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E06_01 Last Name | E06_02 First Name |

References in NHTSA Version 1

Essential Element 32 Patient Name

PATIENT'S HOME ADDRESS

E06_04

Data Format [text]

Definition

The patient's home mailing or street address

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>StreetAddress</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Uses

- Key component of an EMS Medical Record
- Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E06_01 Last Name	E06_05 Patient's Home City
E06_06 Patient's Home County	E06_07 Patient's Home State
E06_08 Patient's Home Zip Code	

References in NHTSA Version 1

Desirable Element 33 Patient Street Address

Data Format [combo] single-choice

Definition

The patient's home city or township or residence

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>City</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

- Key component of an EMS Medical Record
- Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E06_01 Last Name	E06_04 Patient's Home Address
E06_06 Patient's Home County	E06_07 Patient's Home State
E06_08 Patient's Home Zip Code	

References in NHTSA Version 1

Desirable Element 34 City of Residence

Data Format [combo] single-choice

Definition

The patient's home county or parish or residence

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>County</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 20

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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

References in NHTSA Version 1

Desirable Element 35 County of Residence

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>State</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

- Key component of an EMS Medical Record
- Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E06_01 Last Name	E06_04 Patient's Home Address
E06_05 Patient's Home City	E06_06 Patient's Home County
E06_08 Patient's Home Zip Code	

References in NHTSA Version 1

Desirable Element 36 State of Residence

Definition

The patient's home ZIP code of residence

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

Field Values

- 25 Not Applicable
- 15 Not Reporting
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Additional Information

- Can be stored as a 5 or 9 digit code

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 37 Zip Code of Residence

PATIENT'S HOME COUNTRY

E06_09

Data Format [combo] single-choice

Definition

The patient's country of citizenship

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>Country</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 20

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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 Format [number]

Definition

The patient's social security number

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>SocialSecurityNumber</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 9

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

Uses

- Key component of an EMS Medical Record

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E06_01 Last Name

References in NHTSA Version 1

Desirable Element 39 Social Security Number

GENDER

E06_11

Data Format [combo] single-choice

National Element

Definition

The patient's gender

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>Gender</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable	-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

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>Race</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|--------------------------------------|---|
| -25 Not Applicable | -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 Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>Ethnicity</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 43 Race/Ethnicity

References to Other Databases

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

Definition

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

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	Age
Multiple Entry Configuration	No	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>AgeUnits</i>
Multiple Entry Configuration No	Accepts Null Value 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 |
| -10 Not Known | -5 Not Available |
| 700 Hours | 705 Days |
| 710 Months | 715 Years |

Uses

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

Data Collector

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

Other Associated Elements

- | | |
|-------------------------------|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E06_14 Age | |

References in NHTSA Version 1

Desirable Element 41 Age

DATE OF BIRTH

Data Format [date]

Definition

The patient's date of birth

XSD Data Type <i>xs:date</i>	XSD Domain (Simple Type) <i>DateOfBirth</i>
Multiple Entry Configuration No	Accepts Null Value No
Required in XSD No	Minimum Constraint 1,890 Maximum Constraint 2,030

Field Values

- Relevant Value for Data Element & Patient Care

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 Format [text]

Definition

The patient's home or primary telephone number

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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

Data Format [combo] single-choice

Definition

The state that issued the driver's license

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>State</i>
Multiple Entry Configuration	No	Accepts Null Value	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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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 Format [text]

Definition

The patient's driver's license number

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>DriversLicenseNumber</i>
Multiple Entry Configuration No	Accepts Null Value 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
-5 Not Available

-10 Not Known
• Relevant Value for Data Element & Patient Care

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 Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PrimaryMethodOfPayment</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	720 Insurance
725 Medicaid	730 Medicare
735 Not Billed (for any reason)	740 Other Government
745 Self Pay	750 Workers Compensation

Uses

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

Data Collector

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

Other Associated Elements

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

CERTIFICATE OF MEDICAL NECESSITY

E07_02

Data Format [combo] single-choice

Definition

Indication of whether a certificate of medical necessity is present

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>YesNoValues</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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	

Data Format [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 Value** 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

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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

Data Format [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 Value** 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 | -10 Not Known |
| -5 Not Available | 755 Primary |
| 760 Secondary | 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 | E01_01 Patient Care Report Number |
| E07_03 Insurance Company ID/Name | 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 | |

Data Format [text]

Definition

The mailing address of the Insurance Company

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>StreetAddress</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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

Data Format [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 Value	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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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

- | | |
|--|--|
| <ul style="list-style-type: none"> E00 Common Null Values E06_01 Last Name E07_04 Insurance Company Billing Priority 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 | <ul style="list-style-type: none"> E01_01 Patient Care Report Number E07_03 Insurance Company ID/Name E07_05 Insurance Company Address 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 |
|--|--|

Data Format [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 Value	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
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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

<p>E00 Common Null Values</p> <p>E06_01 Last Name</p> <p>E07_04 Insurance Company Billing Priority</p> <p>E07_06 Insurance Company City</p> <p>E07_09 Insurance Group ID/Name</p> <p>E07_11 Last Name of the Insured</p> <p>E07_13 Middle Initial/Name of the Insured</p>	<p>E01_01 Patient Care Report Number</p> <p>E07_03 Insurance Company ID/Name</p> <p>E07_05 Insurance Company Address</p> <p>E07_08 Insurance Company Zip Code</p> <p>E07_10 Insurance Policy ID Number</p> <p>E07_12 First Name of the Insured</p> <p>E07_14 Relationship to the Insured</p>
--	---

Data Format [text]

Definition

The insurance companies Zip Code

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

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

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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

Data Format [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 Value	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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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

- | | |
|--|---|
| <ul style="list-style-type: none"> 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_11 Last Name of the Insured E07_13 Middle Initial/Name of the Insured | <ul style="list-style-type: none"> E01_01 Patient Care Report Number E07_03 Insurance Company ID/Name E07_05 Insurance Company Address E07_07 Insurance Company State E07_10 Insurance Policy ID Number E07_12 First Name of the Insured E07_14 Relationship to the Insured |
|--|---|

Data Format [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 Value	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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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

- | | |
|---|--|
| <ul style="list-style-type: none"> 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_12 First Name of the Insured E07_14 Relationship to the Insured | <ul style="list-style-type: none"> E01_01 Patient Care Report Number E07_04 Insurance Company Billing Priority E07_06 Insurance Company City E07_08 Insurance Company Zip Code E07_11 Last Name of the Insured E07_13 Middle Initial/Name of the Insured |
|---|--|

Data Format [text]

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>LastName</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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 |

Data Format [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 Value	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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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

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

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>MiddleInitialName</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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
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_11	Last Name of the Insured	E07_11	Last Name of the Insured
E07_12	First Name of the Insured	E07_12	First Name of the Insured
E07_14	Relationship to the Insured		

Data Format [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 Value** 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 | -10 Not Known |
| -5 Not Available | 770 Self |
| 775 Spouse | 780 Son/Daughter |
| 785 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 | 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_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 | |

Data Format [combo] single-choice

Definition

Indication of whether or not the injury is work related.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>YesNoValues</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	0 No
1 Yes	

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	E01_01 Patient Care Report Number
E06_01 Last Name	

PATIENT'S OCCUPATIONAL INDUSTRY

E07_16

Data Format [combo] single-choice

Definition

The occupational industry of the patient's work

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PatientsOccupationalIndustry</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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 Format [combo] single-choice

Definition

The occupation of the patient

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PatientsOccupation</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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 Format [text]

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>LastName</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

- The Closest Relative/Guardian 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	E01_01 Patient Care Report Number
E06_01 Last Name	E07_19 First Name of the Closest Relative/ Guardian
E07_20 Middle Initial/Name of the Closest Relative/ Guardian	

FIRST NAME OF THE CLOSEST RELATIVE/ GUARDIAN

E07_19

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>FirstName</i>
Multiple Entry Configuration	No	Accepts Null Value	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

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

Additional Information

- The Closest Relative/Guardian 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

E01_01 Patient Care Report Number

E06_01 Last Name

E07_18 Closest Relative/Guardian Last Name

E07_20 Middle Initial/Name of the Closest Relative/
Guardian

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>MiddleInitialName</i>
Multiple Entry Configuration	No	Accepts Null Value	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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

- The Closest Relative/Guardian 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 | E01_01 Patient Care Report Number |
| E06_01 Last Name | E07_18 Closest Relative/Guardian Last Name |
| E07_19 First Name of the Closest Relative/
Guardian | |

CLOSEST RELATIVE/ GUARDIAN STREET ADDRESS

E07_21

Data Format [text]

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>StreetAddress</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

- The Closest Relative/Guardian 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 Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>City</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

- 5 digit FIPS Code
- Could be filled in from Closest Relative/Guardian Zip Code (E07_24)
- The Closest Relative/Guardian 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_23 Closest Relative/ Guardian State |
| E07_24 Closest Relative/ Guardian Zip Code | |

CLOSEST RELATIVE/ GUARDIAN STATE

E07_23

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>State</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Closest Relative/Guardian Zip Code (E07_24)
- The Closest Relative/Guardian 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_24 Closest Relative/ Guardian Zip Code | |

CLOSEST RELATIVE/ GUARDIAN ZIP CODE

E07_24

Data Format [text]

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>Zip</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 10
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
- 5 Not Available

- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

- Can be a 5 or 9 digit Zip Code
- The Closest Relative/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 Format [number]

Definition

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

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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
- E01_01** Patient Care Report Number
- E06_01** Last Name
- E07_18** Closest Relative/Guardian Last Name

CLOSEST RELATIVE/ GUARDIAN RELATIONSHIP

E07_26

Data Format [combo] single-choice

Definition

The relationship of the patient's closest relative or guardian

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ClosestRelativeGuardianRelationship</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

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

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

Data Format [text]

Definition

The name of the patient's employer

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>Name</i>
Multiple Entry Configuration	No	Accepts Null Value	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
- 5 Not Available

- 10 Not Known
- Relevant Value for Data Element & Patient Care

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

PATIENT'S EMPLOYER'S ADDRESS

E07_28

Data Format [text]

Definition

The street address of the patient's employer

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>StreetAddress</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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	E01_01 Patient Care Report Number
E06_01 Last Name	E07_27 Patient's Employer
E07_29 Patient's Employer's City	E07_30 Patient's Employer's State
E07_31 Patient's Employer's Zip Code	

Data Format [combo] single-choice

Definition

The home city of the patient's employer

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>City</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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

Data Format [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 Value	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
- 5 Not Available

- 10 Not Known
- Relevant Value for Data Element & Patient Care

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

- | | |
|--|---|
| <ul style="list-style-type: none"> E00 Common Null Values E07_27 Patient's Employer E07_29 Patient's Employer's City | <ul style="list-style-type: none"> 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 Format [text]

Definition

The home Zip Code of the patient's employer

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>Zip</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 10
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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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

PATIENT'S WORK TELEPHONE NUMBER

E07_32

Data Format [number]

Definition

The patient's work telephone number

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ResponseUrgency</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

- 25** Not Applicable
- 5** Not Available
- 985** Non-Immediate
- 10** Not Known
- 980** 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

Data Format [combo] single-choice

National Element

Definition

The CMS service level for this EMS encounter.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>CMSServiceLevel</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable	-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
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CONDITION CODE NUMBER

E07_35

Data Format [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 <i>xs:string</i>	XSD Domain (Simple Type) <i>ConditionCodeNumber</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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	-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 Electrocutation (ALS-994.8)

- 8057** Near Drowning (ALS-994.1)
- 8058** Eye Injuries (BLS-921.9)
- 8059** Sexual Assault (major injuries) (ALS-995.83)
- 8060** Sexual Assault (minor injuries) (BLS-995.8)
- 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 Format [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	<i>xs:string</i>	XSD Domain (Simple Type)	<i>ICD9CodeForConditionCode</i>		
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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
- 5 Not Available

- 10 Not Known
- Relevant Value for Data Element & Patient Care

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

Data Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>AirAmbulanceModifier</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

- | | |
|---|---|
| -25 Not Applicable | -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

Data Format [combo] multiple-choice

Definition

Other EMS agencies that were at the scene, if any

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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

Data Format [combo] multiple-choice

Definition

Other services that were at the scene, if any

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>OtherServicesAtScene</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

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

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 Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>EstimatedDateInitialResponderOnScene</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

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

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
-------------------------------	--

Data Format [date/time]

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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 Format [combo] single-choice

National Element

Definition

Indicator of how many total patients were at the scene

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>NumberOfPatientsAtScene</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable	-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.

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>YesNoValues</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|--------------------|-------------------|
| -25 Not Applicable | -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 Format [combo] single-choice

National Element

Definition

The kind of location where the incident happened

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>IncidentLocationType</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

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

Additional Information

- Based on ICD-9

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 05 Location Type

References to Other Databases

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

Data Format [text]

Definition

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

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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

SCENE_ZONE_NUMBER

Data Format [combo] single-choice

Definition

Geographic zone representing the location of the scene

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>ZoneNumber</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 1 Maximum Constraint 30

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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

Data Format [text]

Definition

The GPS coordinates associated with the Scene.

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>GPSLocation</i>
Multiple Entry Configuration No	Accepts Null Value No
Required in XSD No	

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [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	<i>xs:string</i>	XSD Domain (Simple Type)	<i>StreetAddress</i>
Multiple Entry Configuration	No	Accepts Null Value	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
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Uses

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

Data Collector

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

Other Associated Elements

E00	Common Null Values	E01_01	Patient Care Report Number
E08_07	Incident Location Type	E08_12	Incident City
E08_14	Incident State	E08_15	Incident ZIP Code

References in NHTSA Version 1

Essential Element 01 Incident Address

Data Format [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 <i>xs:string</i>	XSD Domain (Simple Type) <i>City</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

- | | |
|--------------------------------------|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E08_07 Incident Location Type | E08_11 Incident Address |
| E08_14 Incident State | E08_15 Incident ZIP Code |

References in NHTSA Version 1

Essential Element 02 Incident City

Data Format [combo] single-choice

Definition

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

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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

Data Format [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 <i>xs:string</i>	XSD Domain (Simple Type) <i>State</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E08_07 Incident Location Type	E08_11 Incident Address
E08_12 Incident City	E08_15 Incident ZIP Code

References in NHTSA Version 1

Essential Element 04 Incident State

References to Other Databases

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

INCIDENT ZIP CODE

E08_15

Data Format [text]

National Element

Definition

The ZIP code of the incident location

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>Zip</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	Minimum Constraint 2 Maximum Constraint 10
XSD Structure: E08_11, E08_12, E08_14, E08_15 are all members of E08_11_0 Incident Address Structure	

Field Values

- 25 Not Applicable
- 15 Not Reporting
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>PriorAid</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD Yes	Minimum Constraint 2 Maximum Constraint 30

Field Values

- 25 Not Applicable
- 15 Not Reporting
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PriorAidPerformedBy</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|--------------------|--------------------------------|
| -25 Not Applicable | -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

Data Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>OutcomeOfPriorAid</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- 25 Not Applicable
- 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 Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>YesNoValues</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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CHIEF COMPLAINT

Data Format [text]

Definition

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

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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 Format [number]

Definition

The time duration of the chief complaint

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>DurationOfChiefComplaint</i>
Multiple Entry Configuration No	Accepts Null Value 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

- Relevant Value for Data Element & Patient Care

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 Format [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 Value** 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

- Relevant Value for Data Element & Patient Care

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

Data Format [text]

Definition

The narrative of the patient's secondary complaint

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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 Format [number]

Definition

The duration of the secondary complaint

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>DurationOfSecondaryComplaint</i>
Multiple Entry Configuration No	Accepts Null Value 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

- Relevant Value for Data Element & Patient Care

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_10 Time Units of Duration of Secondary Complaint | |

TIME UNITS OF DURATION OF SECONDARY COMPLAINT

E09_10

Data Format [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 Value** 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 Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ComplaintAnatomicLocation</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable	-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
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CHIEF COMPLAINT ORGAN SYSTEM

E09_12

Data Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>ComplaintOrganSystem</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable	-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 Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PrimarySymptom</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable	-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

Data Format [combo] multiple-choice

National Element

Definition

Other symptoms identified by the patient or observed by EMS personnel

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>OtherAssociatedSymptoms</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|-------------------------------|-------------------------------|
| -25 Not Applicable | -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

Impression/Assessment = 00, None/No patient or refused Treatment = NN



Situation/ Trauma

CAUSE OF INJURY

E10_01

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

-25 Not Applicable	-15 Not Reporting
-10 Not Known	-5 Not Available
9500 Aircraft related accident (E84X.0)	9505 Bicycle Accident (E826.0)
9510 Bites (E906.0)	9515 Chemical poisoning (E86X.0)
9520 Child battering (E967.0)	9525 Drowning (E910.0)
9530 Drug poisoning (E85X.0)	9535 Electrocutation (non-lightning) (E925.0)
9540 Excessive Cold (E901.0)	9545 Excessive Heat (E900.0)
9550 Falls (E88X.0)	9555 Fire and Flames (E89X.0)
9560 Firearm assault (E965.0)	9565 Firearm injury (accidental) (E985.0)
9570 Firearm self inflicted (E955.0)	9575 Lightning (E907.0)
9580 Machinery accidents (E919.0)	9585 Mechanical Suffocation (E913.0)
9590 Motor Vehicle non-traffic accident (E82X.0)	9595 Motor Vehicle traffic accident (E81X.0)
9600 Motorcycle Accident (E81X.1)	9605 Non-Motorized Vehicle Accident (E848.0)
9610 Pedestrian traffic accident (E814.0)	9615 Radiation exposure (E926.0)
9620 Rape (E960.1)	9625 Smoke Inhalation (E89X.2)
9630 Stabbing/Cutting Accidental (E986.0)	9635 Stabbing/Cutting Assault (E966.0)
9640 Struck by Blunt/Thrown Object (E968.2)	9645 Venomous stings (plants, animals) (E905.0)
9650 Water Transport accident (E83X.0)	

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 49 Cause of Injury

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Cause of Illness/Injury; The immediate cause or condition responsible for the injury or illness; Pick-List: Chemical Exposure = 10, Drug Poisoning = 11, Fall = 12, Aircraft Related = 13, Bite, Includes Animal Bites = 14, Bicycle Accident = 15, Building Collapse/Construction Accident = 16, Downed = 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

Data Format [combo] single-choice

Definition

The intent of the individual inflicting the injury

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>IntentOfInjury</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable

-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

Data Format [combo] multiple-choice

Definition

The mechanism of the event which caused the injury.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>MechanismOfInjury</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

- 25 Not Applicable
- 5 Not Available
- 2040 Burn
- 2050 Penetrating
- 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 Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>VehicleInjuryIndicators</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	2055 Dash Deformity
2060 DOA Same Vehicle	2065 Ejection
2070 Fire	2075 Rollover/Roof Deformity
2080 Side Post Deformity	2085 Space Intrusion >1 foot
2090 Steering Wheel Deformity	2095 Windshield Spider/Star

Additional Information

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

Uses

- A component of the EMS Medical Record: Patient Care Report
- Used to better define injury cause and describe injury patterns within and EMS community

Data Collector

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

Other Associated Elements

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

AREA OF THE VEHICLE IMPACTED BY THE COLLISION

E10_05

Data Format [combo] multiple-choice

Definition

The area or location of impact on the vehicle

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>AreaOfVehicleImpact</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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 Format [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	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>SeatRowLocation</i>		
Multiple Entry Configuration	No	Accepts Null Value	No		
Required in XSD	No	Minimum Constraint	1	Maximum Constraint	15
XSD Structure: E10_06 and E10_07 are members of E10_06_0 Position of Patient Structure					

Field Values

- Relevant Value for Data Element & Patient Care
- 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 Format [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 Value** 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

-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 Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>UseOfOccupantSafetyEquipment</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 55 Safety Equipment

References to Other Databases

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

Data Format [combo] multiple-choice

Definition

Indication of Airbag deployment during the motor vehicle crash.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>AirbagDeployment</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	2215 No Airbag Present
2220 No Airbag Deployed	2225 Airbag Deployed Front
2230 Airbag Deployed Side	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

Data Format [number]

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>HeightOfFall</i>
Multiple Entry Configuration No	Accepts Null Value No
Required in XSD No	Minimum Constraint 1 Maximum Constraint 50,000

Field Values

- Relevant Value for Data Element & Patient Care

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 Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>CardiacArrest</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable	-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 Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>CardiacArrestEtiology</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable	-15 Not Reporting
-10 Not Known	-5 Not Available
2250 Presumed Cardiac	2255 Trauma
2260 Drowning	2265 Respiratory
2270 Electrocution	2275 Other

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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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 Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>ResuscitationAttempted</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable

-15 Not Reporting

-10 Not Known

-5 Not Available

2280 Attempted Defibrillation

2285 Attempted Ventilation

2290 Initiated Chest Compressions

2295 Not Attempted-Considered Futile

2300 Not Attempted-DNR Orders

2305 Not Attempted-Signs of Circulation

Additional Information

- Complete only if Cardiac Arrest (E11_01) is "Yes"

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

References to Other Databases

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

ARREST WITNESSED BY

Data Format [combo] single-choice

Definition

Indication of who the cardiac arrest was witnessed by

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ArrestWitnessedBy</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

- 25 Not Applicable
- 5 Not Available
- 2315 Witnessed by Lay Person
- 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 Format [combo] single-choice

Definition

Documentation of what the first monitored rhythm which was noted

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>FirstMonitoredRhythm</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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 Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ReturnOfSpontaneousCirculation</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

0 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 Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>NeurologicalOutcomeAtDischarge</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

2380 CPC 1 or 2

2385 CPC 3 or 4

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 Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>EstimatedTimeOfArrestPriorToEMS</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	2390 >20 Minutes
2395 15-20 Minutes	2400 10-15 Minutes
2405 8-10 Minutes	2410 6-8 Minutes
2415 4-6 Minutes	2420 2-4 Minutes
2425 0-2 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
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Data Format [date/time]

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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 Format [combo] single-choice

Definition

The reason that CPR or the resuscitation efforts were discontinued.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ReasonCPRDiscontinued</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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 Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>CardiacRhythmAtDestination</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>BarriersToPatientCare</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|-------------------------------|--|
| -25 Not Applicable | -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 Format [text]

Definition

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

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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 Format [text]

Definition

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

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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 Format [text]

Definition

The first name of the patient's primary practitioner

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>FirstName</i>		
Multiple Entry Configuration	No	Accepts Null Value	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_04_0 Primary Practitioner's Name Structure					

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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 Format [text]

Definition

The middle name of the patient's primary practitioner

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>MiddleInitialName</i>
Multiple Entry Configuration No	Accepts Null Value 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_04_0 Primary Practitioner's Name Structure	

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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_04 First Name of Patient's Primary Practitioner

E12_06 Last Name of Patient's Primary Practitioner

LAST NAME OF PATIENT'S PRIMARY PRACTITIONER

E12_06

Data Format [text]

Definition

The last name of the patient's primary practitioner

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>LastName</i>
Multiple Entry Configuration No	Accepts Null Value 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_04_0 Primary Practitioner's Name Structure	

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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_04 First Name of Patient's Primary Practitioner
E12_05 Middle Name of Patient's Primary Practitioner	

Data Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>AdvanceDirectives</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

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

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 | E01_01 Patient Care Report Number |
| E06_01 Last Name | |

MEDICATION ALLERGIES

Data Format [combo] multiple-choice

Definition

The patient's medication allergies

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

Field Values

- 25 Not Applicable
- 5 Not Available
- NKDA (No Known Drug Allergies)
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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 Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>EnvironmentalFoodAllergies</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	2675 Insect Sting
2680 Food Allergy	2685 Latex
2690 Chemical	2695 Other
2700 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

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

MEDICAL/SURGICAL HISTORY

E12_10

Data Format [combo or text] multiple-choice

Definition

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

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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 Format [combo] single-choice

Definition

Type of person medical history obtained from

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>MedicalHistoryObtainedFrom</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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 Format [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 Value** 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 Format [text]

Definition

The date of the associated immunization type.

XSD Data Type	<i>xs:gyear</i>	XSD Domain (Simple Type)	<i>ImmunizationDate</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

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

Data Format [combo or text] multiple-choice

Definition

The medications the patient currently takes

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>CurrentMedicationName</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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

- Relevant Value for Data Element & Patient Care

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 Format [number]

Definition

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

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>CurrentMedicationDose</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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

- Relevant Value for Data Element & Patient Care

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 Format [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 Value** 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 Format [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 Value** 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	-10 Not Known
-5 Not Available	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

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>YesNoValues</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

- 25 Not Applicable
- 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

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>AlcoholDrugUseIndicators</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable

-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

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

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>YesNoValues</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	0 No
1 Yes	

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

Data Format [text]

Definition

The narrative of the run report

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>RunReportNarrative</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 4,000

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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 Format [date/time]

Definition

Date/Time Vital Signs Taken

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>YesNoValues</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value Yes
Required in XSD No	
XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time	

Field Values

- 25 Not Applicable
- 10 Not Known
- 5 Not Available
- 0 No
- 1 Yes

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

Data Format [combo] multiple-choice

Definition

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

XSD Data Type	xs:integer	XSD Domain (Simple Type)	CardiacRhythm
Multiple Entry Configuration	(1) Yes, via structure. (2) Yes for each E14_01 Date/Time	Accepts Null Value	Yes
Required in XSD No			
XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time			

Field Values

- | | |
|--|--|
| <ul style="list-style-type: none"> -25 Not Applicable -5 Not Available 3010 12 Lead ECG-Inferior Ischemia 3020 Agonal/Idioventricular 3030 Asystole 3040 AV Block-1st Degree 3050 AV Block-2nd Degree-Type 2 3060 Junctional 3070 Normal Sinus Rhythm 3080 Paced Rhythm 3090 Premature Atrial Contractions 3100 Right Bundle Branch Block 3110 Sinus Bradycardia 3120 Supraventricular Tachycardia 3130 Unknown AED Non-Shockable Rhythm 3140 Ventricular Fibrillation | <ul style="list-style-type: none"> -10 Not Known 3005 12 Lead ECG-Anterior Ischemia 3015 12 Lead ECG-Lateral Ischemia 3025 Artifact 3035 Atrial Fibrillation/Flutter 3045 AV Block-2nd Degree-Type 1 3055 AV Block-3rd Degree 3065 Left Bundle Branch Block 3075 Other 3085 PEA 3095 Premature Ventricular Contractions 3105 Sinus Arrhythmia 3115 Sinus Tachycardia 3125 Torsades De Points 3135 Unknown AED Shockable Rhythm 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

Data Format [number]

Definition

The patient's systolic blood pressure

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>SBP</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 0 Maximum Constraint 400
XSD Structure: (1) Each element in section E14 is associated with a E14_01 Date/Time. (2) E14_04, E14_05, and E14_06 are all members of E14_04_0 Blood Pressure Structure	

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [number]

Definition

The patient's diastolic blood pressure

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>DBP</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	300

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

Field Values

- Relevant Value for Data Element & Patient Care

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 Format [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 Value** No

Required in XSD No

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

Field Values

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)

Data Format [number]

Definition

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

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [number]

Definition

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

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>ElectricMonitorRate</i>		
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty		
Required in XSD	No	Minimum Constraint	0	Maximum Constraint	500

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Definition

The patient's oxygen saturation

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>PulseOximetry</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	100

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

Field Values

- Relevant Value for Data Element & Patient Care

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 Format [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 Value** Yes

Required in XSD No

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

Field Values

-25 Not Applicable

-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 Format [number]

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>RespiratoryRate</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 0 Maximum Constraint 100

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [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 Value** Yes

Required in XSD No

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

Field Values

-25 Not Applicable	-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

Data Format [number]

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) CO2
Multiple Entry Configuration Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 0 Maximum Constraint 100
XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time	

Field Values

- Relevant Value for Data Element & Patient Care

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 Format [number]

Definition

The patient's blood glucose level

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

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [number]

Definition

The patient's Glasgow Coma Score Eye opening

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	GCSEye
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty
Required in XSD	No	Minimum Constraint	1
		Maximum Constraint	4

XSD Structure: (1) Each element in 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

Data Format [number]

Definition

The patient's Glasgow Coma Score Verbal

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>GCSVerbal</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty
Required in XSD	No	Minimum Constraint	1
		Maximum Constraint	5
XSD Structure: (1) Each element in 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 >5 years: 1 = None
 - Patients >5 years: 2 = Non-specified sounds
 - Patients >5 years: 3 = Inappropriate words
 - Patients >5 years: 4 = Confused conversation or speech
 - Patients >5 years: 5 = Oriented and appropriate speech
- 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
 -
 -
 -
 -

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

Data Format [number]

Definition

The patient's Glasgow Coma Score Motor

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>GCSMotor</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty
Required in XSD	No	Minimum Constraint	1
		Maximum Constraint	6
XSD Structure: (1) Each element in 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

Data Format [combo] single-choice

Definition

Documentation of factors which make the GCS score more meaningful.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>GCSQualifier</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value Yes

Required in XSD No

XSD Structure: (1) Each element in 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

-10 Not Known

-5 Not Available

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 Format [number]

Definition

The patient's total Glasgow Coma Score

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>TotalGCS</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 1 Maximum Constraint 15
XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time	

Field Values

- Relevant Value for Data Element & Patient Care

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 Format [number]

Definition

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

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>BodyTemperature</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 0 Maximum Constraint 50

XSD Structure: (1) Each element in 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

- Relevant Value for Data Element & Patient Care

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 Format [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 Value** No

Required in XSD No

XSD Structure: (1) Each element in 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 Format [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 Value** Yes

Required in XSD No

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

3255 Alert

3260 Verbal

3265 Painful

3270 Unresponsive

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

Data Format [number]

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PainScale</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 0 Maximum Constraint 10

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [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 Value** Yes

Required in XSD No

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 3280 Cincinnati Stroke Scale Non-conclusive
- 3290 LA Stroke Scale Negative
- 3300 LA Stroke Scale Positive
- 10 Not Known
- 3275 Cincinnati Stroke Scale Negative
- 3285 Cincinnati Stroke Scale Positive
- 3295 LA Stroke Scale Non-conclusive

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 Format [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 Value** Yes

Required in XSD No

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

Field Values

-25 Not Applicable

-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

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	<i>xs:integer</i>	XSD Domain (Simple Type)	APGAR
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	10

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [number]

Definition

The patient's Revised Trauma Score

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>RTS</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	12
XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time			

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [number]

Definition

The Trauma Score for patients age 12 and under

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>PediatricTraumaScore</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty
Required in XSD	No	Minimum Constraint	-6
		Maximum Constraint	12

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [combo] multiple-choice

Definition

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

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>NHTSAInjuryMatrix</i>
Multiple Entry Configuration	Yes	Accepts Null Value	Yes
Required in XSD	No		

Field Values

-25 Not Applicable	-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
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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

Data Format [combo] multiple-choice

Definition

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

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>NHTSAInjuryMatrix</i>
Multiple Entry Configuration	Yes	Accepts Null Value	Yes
Required in XSD	No		

Field Values

-25 Not Applicable	-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
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References in NHTSA Version 1

Essential Element 53 Injury Description

Data Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>NHTSAInjuryMatrix</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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References in NHTSA Version 1

Essential Element 53 Injury Description

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with the Neck

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>NHTSAInjuryMatrix</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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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

Data Format [combo] multiple-choice

Definition

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

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>NHTSAInjuryMatrix</i>
Multiple Entry Configuration	Yes	Accepts Null Value	Yes
Required in XSD	No		

Field Values

-25 Not Applicable	-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
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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

Data Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>NHTSAInjuryMatrix</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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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

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with the Spine

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>NHTSAInjuryMatrix</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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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

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with the Upper Extremities

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>NHTSAInjuryMatrix</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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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

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with the Pelvis

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>NHTSAInjuryMatrix</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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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

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with the Lower Extremities

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>NHTSAInjuryMatrix</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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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

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with Unspecified

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>NHTSAInjuryMatrix</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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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 Format [number]

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>EstimatedBodyWeight</i>
Multiple Entry Configuration No	Accepts Null Value No
Required in XSD No	Minimum Constraint 1 Maximum Constraint 500

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [combo] single-choice

Definition

The Broselow/Luten Color as take from the tape

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>BroselowLutenColor</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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Data Format [date/time]

Definition

The date/time assessment was made on the patient

XSD Data Type	<i>xs:dateTime</i>	XSD Domain (Simple Type)	<i>DateTime</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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

Data Format [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 Value** 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 | -10 Not Known |
| -5 Not Available | 3420 Normal |
| 3425 Not Done | 3430 Clammy |
| 3435 Cold | 3440 Cyanotic |
| 3445 Jaundiced | 3450 Lividity |
| 3455 Mottled | 3460 Pale |
| 3465 Warm | |

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_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 | |

References in NHTSA Version 1

Desirable Element 72 Skin Perfusion

Data Format [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 Value** 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 | -10 Not Known |
| -5 Not Available | 3470 Normal |
| 3475 Not Done | 3480 Asymmetric Smile or Droop |
| 3485 Drainage | 3490 Mass/Lesion |
| 3495 Swelling | |

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_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 | |

Data Format [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 Value** 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	-10 Not Known
-5 Not Available	3500 Normal
3505 Not Done	3510 JVD
3515 Strider	3520 SubQ Air
3525 Tracheal Dev	

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_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	

Data Format [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 Value** 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	-10 Not Known
-5 Not Available	3530 Normal
3535 Not Done	3540 Accessory Muscles
3545 Decreased BS-Left	3550 Decreased BS-Right
3555 Flail Segment-Left	3560 Flail Segment-Right
3565 Increased Effort	3570 Normal BS
3575 Rales	3580 Rhonchi/Wheezing
3585 Tenderness-Left	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	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_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	

Data Format [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 Value** 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	-10 Not Known
-5 Not Available	3595 Normal
3600 Not Done	3605 Decreased Sounds
3610 Murmur	

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_05 Head/Face Assessment
E16_06 Neck Assessment	E16_07 Chest/Lungs Assessment
E16_07 Chest/Lungs 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	

Data Format [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 Value** 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 | -10 Not Known |
| -5 Not Available | 3615 Normal |
| 3620 Not Done | 3625 Distention |
| 3630 Guarding | 3635 Mass |
| 3640 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 | 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_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 | |

ABDOMEN LEFT LOWER ASSESSMENT

E16_10

Data Format [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 Value** 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	-10 Not Known
-5 Not Available	3645 Normal
3650 Not Done	3655 Distention
3660 Guarding	3665 Mass
3670 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	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_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	

ABDOMEN RIGHT UPPER ASSESSMENT

E16_11

Data Format [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 Value** 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	-10 Not Known
-5 Not Available	3675 Normal
3680 Not Done	3685 Distention
3690 Guarding	3695 Mass
3700 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	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_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	

ABDOMEN RIGHT LOWER ASSESSMENT

E16_12

Data Format [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 Value** 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	-10 Not Known
-5 Not Available	3705 Normal
3710 Not Done	3715 Distention
3720 Guarding	3725 Mass
3730 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	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_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	

Data Format [combo] multiple-choice

Definition

The assessment of the patient's GU area on examination

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>GUAssessment</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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	-10 Not Known
-5 Not Available	3735 Normal
3740 Not Done	3745 Crowning
3750 Genital Injury	3755 Tenderness
3760 Unstable	

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_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	

Data Format [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 Value** 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 | -10 Not Known |
| -5 Not Available | 3765 Normal |
| 3770 Not Done | 3775 Pain to ROM |
| 3780 Tender Para-spinous | 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 | 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_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 | |

BACK THORACIC ASSESSMENT

E16_15

Data Format [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 Value** 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

-10 Not Known

-5 Not Available

3790 Normal

3795 Not Done

3800 Pain to ROM

3805 Tender Para-spinous

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

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_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

BACK LUMBAR/SACRAL ASSESSMENT

E16_16

Data Format [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 Value** 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

-10 Not Known

-5 Not Available

3815 Normal

3820 Not Done

3825 Pain to ROM

3830 Tender Para-spinous

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

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_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

EXTREMITIES-RIGHT UPPER ASSESSMENT

E16_17

Data Format [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 Value** 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	-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 Format [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 Value** 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	-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 Format [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 Value** 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	-10 Not Known
-5 Not Available	3910 Normal
3915 Not Done	3920 Abnormal Pulse
3925 Abnormal Sensation	3930 Edema
3935 Tenderness	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	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_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 LOWER ASSESSMENT

E16_20

Data Format [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 Value** 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	-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	

Data Format [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 Value** 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	-10 Not Known
-5 Not Available	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	

Data Format [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 Value** 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	-10 Not Known
-5 Not Available	4030 Not Done
4035 2-mm	4040 3-mm
4045 4-mm	4050 5-mm
4055 6-mm	4060 7-mm
4065 Blind	4070 Reactive
4075 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_21 Eyes-Left Assessment	E16_23 Mental Status Assessment
E16_24 Neurological Assessment	

Data Format [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 Value** 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	-10 Not Known
-5 Not Available	4080 Normal
4085 Not Done	4090 Combative
4095 Confused	4100 Hallucinations
4105 Oriented-Person	4110 Oriented-Place
4115 Oriented-Time	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	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_21 Eyes-Left Assessment	E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment	

Data Format [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 Value** 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 | -10 Not Known |
| -5 Not Available | 4125 Normal |
| 4130 Not Done | 4135 Abnormal Gait |
| 4140 Facial Droop | 4145 Seizures |
| 4150 Speech Normal | 4155 Speech Slurring |
| 4160 Tremors | 4165 Weakness-Left Sided |
| 4170 Weakness-Right 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 | 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_21 Eyes-Left Assessment | E16_22 Eyes-Right Assessment |
| E16_23 Mental Status Assessment | |



Intervention

Data Format [combo] multiple-choice

Definition

The protocol used by EMS personnel to direct the clinical care of the patient

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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

Data Format [date/time]

Definition

The date/time medication administered to the patient

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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

- Relevant Value for Data Element & Patient Care

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 Format [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 Value** Yes

Required in XSD No

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

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	0 No
1 Yes	

Additional Information

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

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E18_01 Date/Time Medication Administered	E18_03 Medication Given
E18_04 Medication Administered Route	E18_05 Medication Dosage
E18_06 Medication Dosage Units	E18_07 Response to Medication
E18_08 Medication Complication	E18_09 Medication Crew Member ID
E18_10 Medication Authorization	E18_11 Medication Authorizing Physician

MEDICATION GIVEN

Data Format [combo] single-choice

National Element

Definition

The medication given to the patient

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>MedicationsGiven</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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 Format [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 Value** Yes

Required in XSD No

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

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	4175 Endotracheal tube
4180 Gastrostomy tube	4185 Inhalation
4190 Intramuscular	4191 Intraosseous
4200 Intraocular	4205 Intravenous
4210 Nasal	4215 Nasal prongs
4220 Nasogastric	4225 Ophthalmic
4230 Oral	4235 Other/miscellaneous
4240 Otic	4245 Re-breather mask
4250 Rectal	4255 Subcutaneous
4260 Sublingual	4265 Topical
4270 Tracheostomy	4275 Transdermal
4280 Urethral	4285 Ventimask
4290 Wound	

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E18_01 Date/Time Medication Administered	E18_02 Medication Administered Prior to this Units EMS Care
E18_03 Medication Given	E18_05 Medication Dosage
E18_06 Medication Dosage Units	E18_07 Response to Medication
E18_08 Medication Complication	E18_09 Medication Crew Member ID
E18_10 Medication Authorization	E18_11 Medication Authorizing Physician

References to Other Databases

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

Data Format [number]

Definition

The dose or amount of medication given to the patient

XSD Data Type	<i>xs:decimal</i>	XSD Domain (Simple Type)	<i>MedicationDosage</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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	

Data Format [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 Value** No

Required in XSD No

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

Field Values

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

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number	E18_01 Date/Time Medication Administered
E18_02 Medication Administered Prior to this Units EMS Care	E18_03 Medication Given
E18_03 Medication Given	E18_04 Medication Administered Route
E18_05 Medication Dosage	E18_07 Response to Medication
E18_08 Medication Complication	E18_09 Medication Crew Member ID
E18_10 Medication Authorization	E18_11 Medication Authorizing Physician

References to Other Databases

- DEEDS DEEDS/HL-7 Version 2.3

Data Format [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 Value** Yes

Required in XSD No

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

Field Values

- | | |
|--------------------|---------------|
| -25 Not Applicable | -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 |

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

Data Format [text]

Definition

The statewide assigned ID number of the EMS crew member giving the treatment to the patient

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>CrewMemberID</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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 Format [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 Value** Yes

Required in XSD No

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

4480 On-Line

4485 On-Scene

4490 Protocol (Standing Order)

4495 Written Orders (Patient Specific)

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

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_09 Medication Crew Member ID

E18_11 Medication Authorizing Physician

E18_11 Medication Authorizing Physician

References in NHTSA Version 1

Desirable Element 81 Treatment Authorization

Data Format [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	<i>xs:string</i>	XSD Domain (Simple Type)	<i>LastName</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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	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_09 Medication Crew Member ID	E18_10 Medication Authorization



Intervention/ Procedure

Data Format [date/time]

Definition

The date and time the procedure was performed on the patient

XSD Data Type	<i>xs:dateTime</i>	XSD Domain (Simple Type)	<i>DateTime</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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

Definition

The procedure performed on the patient.

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>Procedure</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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

Data Format [text]

Definition

The size of equipment used in the procedure on the patient

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>SizeOfProcedureEquipment</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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) in 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	E01_01 Patient Care Report Number
E19_01 Date/Time Procedure Performed Successfully	E19_02 Procedure Performed Prior to this Units EMS Care
E19_03 Procedure	E19_05 Number of Procedure Attempts
E19_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

Essential Element 78 Procedure or Treatment Name

Definition

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

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>NumberOfProcedureAttempts</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>YesNoValues</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value 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 |
| -10 Not Known | -5 Not Available |
| 0 No | 1 Yes |

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E19_01 Date/Time Procedure Performed Successfully | E19_02 Procedure Performed Prior to this Units EMS Care |
| E19_03 Procedure | E19_04 Size of Procedure Equipment |
| E19_05 Number of Procedure Attempts | E19_07 Procedure Complication |
| E19_08 Response to Procedure | E19_09 Procedure Crew Members ID |
| E19_10 Procedure Authorization | E19_11 Procedure Authorizing Physician |

Definition

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

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>ProcedureComplication</i>
Multiple Entry Configuration	(1) Yes, via structure. (2) Yes for each E14_01 Date/Time	Accepts Null Value	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
-10 Not Known	-5 Not Available
4500 None	4505 Altered Mental Status
4510 Apnea	4515 Bleeding
4520 Bradycardia	4525 Diarrhea
4530 Esophageal Intubation-immediately	4535 Esophageal Intubation-other
4540 Extravasation	4545 Hypertension
4550 Hyperthermia	4555 Hypotension
4560 Hypoxia	4565 Injury
4570 Itching/Urticaria	4575 Nausea
4580 Other	4585 Respiratory Distress
4590 Tachycardia	4595 Vomiting

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

Data Format [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 Value** 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 | -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 |

Data Format [text]

Definition

The statewide assigned ID number of the EMS crew member performing the procedure on the patient

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>CrewMemberID</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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	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_08	Response to Procedure
E19_10	Procedure Authorization	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

Data Format [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 Value** 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

-10 Not Known

-5 Not Available

4615 On-Line

4620 On-Scene

4625 Protocol (Standing Order)

4630 Written Orders (Patient Specific)

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

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_08 Response to Procedure

E19_09 Procedure Crew Members ID

E19_11 Procedure Authorizing Physician

References in NHTSA Version 1

Desirable Element 81 Treatment Authorization

Data Format [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	<i>xs:string</i>	XSD Domain (Simple Type)	<i>ProcedureAuthorizingPhysician</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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	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_08	Response to Procedure
E19_09	Procedure Crew Members ID	E19_10	Procedure Authorization

SUCCESSFUL IV SITE

Data Format [combo] multiple-choice

Definition

The location of the IV site (if applicable) on the patient

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>SuccessfullIVSite</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

- 25 Not Applicable
- 5 Not Available
- 4640 Antecubital-Right
- 4650 External Jugular-Right
- 4660 Femoral-Left Distal IO
- 4670 Femoral-Right IO
- 4680 Forearm-Right
- 4690 Hand-Right
- 4700 Lower Extremity-Right
- 4710 Scalp
- 4720 Tibia IO-Left
- 4730 Umbilical
- 10 Not Known
- 4635 Antecubital-Left
- 4645 External Jugular-Left
- 4655 Femoral-Left IV
- 4665 Femoral-Right IV
- 4675 Forearm-Left
- 4685 Hand-Left
- 4695 Lower Extremity-Left
- 4705 Other
- 4715 Sternal IO
- 4725 Tibia IO-Right

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

Data Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>TubeConfirmation</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

- 25 Not Applicable
- 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
- 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
- E01_01 Patient Care Report Number
- E19_03 Procedure

DESTINATION CONFIRMATION OF TUBE PLACEMENT

E19_14

Data Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>DestinationConfirmationOfTubePlacement</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	4775 Auscultation of Bilateral Breath Sounds
4780 Colormetric CO2 Detector Confirmation	4785 Digital CO2 Confirmation
4790 Esophageal Bulb Aspiration confirmation	4795 Negative Auscultation of the Epigastrium
4800 Visualization of the Chest Rising with ventilation	4805 Visualization of Tube Passing Through the Cords
4810 Waveform CO2 Confirmation	

Additional Information

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

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E19_03 Procedure	



Disposition

DESTINATION/TRANSFERRED TO, NAME

E20_01

Data Format [text]

Definition

The destination the patient was delivered or transferred to

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E20_02 Destination/Transferred To, Code

Data Format [text]

Definition

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

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

Field Values

- 25 Not Applicable
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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 Format [text]

Definition

The street address of the destination the patient was delivered or transferred to

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>StreetAddress</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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	E20_04 Destination City
E20_05 Destination State	E20_07 Destination Zip Code

DESTINATION CITY

Data Format [combo] single-choice

Definition

The city name of the destination the patient was delivered or transferred to

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>City</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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	E01_01 Patient Care Report Number
E20_01 Destination/Transferred To, Name	E20_03 Destination Street Address
E20_05 Destination State	E20_07 Destination Zip Code

DESTINATION STATE

Data Format [combo] single-choice

Definition

The destination State in which the patient was delivered or transferred to

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>State</i>
Multiple Entry Configuration No	Accepts Null Value 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
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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	E01_01 Patient Care Report Number
E20_01 Destination/Transferred To, Name	E20_03 Destination Street Address
E20_04 Destination City	E20_07 Destination Zip Code

DESTINATION COUNTY

Data Format [combo] single-choice

Definition

The destination County in which the patient was delivered or transferred to

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

Field Values

- 25 Not Applicable
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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

Data Format [text]

National Element

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>Zip</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	Minimum Constraint 2 Maximum Constraint 10
XSD Structure: E20_03, E20_04, E20_05, and E20_07 are all members of E2-_03_0 Destination Address Structure	

Field Values

- 25 Not Applicable
- 15 Not Reporting
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Additional Information

- Can be 5 or 9 digit Zip Code

Uses

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

Data Collector

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

Other Associated Elements

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

DESTINATION GPS LOCATION

Data Format [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 Value** No
Required in XSD No

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

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [combo] single-choice

Definition

The zone number of the destination the patient was delivered or transferred to

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ZoneNumber</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 1 Maximum Constraint 30

Field Values

- 25 Not Applicable
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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 Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>IncidentPatientDisposition</i>
Multiple Entry Configuration No	Accepts Null Value 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 Format [combo] single-choice

Definition

The method the patient was moved to the ambulance from the scene

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>HowPatientWasMovedToAmbulance</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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

Data Format [combo] single-choice

Definition

The position of the patient during transport from the scene

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PositionOfPatientDurningTransport</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

- 25 Not Applicable
- 5 Not Available
- 4895 Fowlers
- 4905 Prone
- 4915 Sitting
- 4925 Other
- 10 Not Known
- 4890 Car Seat
- 4900 Lateral
- 4910 Semi-Fowlers
- 4920 Supine

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 Format [combo] single-choice

Definition

The method the patient was moved from the ambulance to the destination

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>HowPatientWasTransportedFromAmbulance</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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

Data Format [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 <i>xs:integer</i>	XSD Domain (Simple Type) <i>TransportModeFromScene</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable	-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 Format [combo] single-choice

Definition

The condition of the patient after care by EMS

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ConditionOfPatientAtDestination</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ReasonForChoosingDestination</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|---|---------------------------------------|
| -25 Not Applicable | -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

Data Format [combo] single-choice

National Element

Definition

The type of destination the patient was delivered or transferred to

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>TypeOfDestination</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|--------------------------------|-----------------------------------|
| -25 Not Applicable | -15 Not Reporting |
| -10 Not Known | -5 Not Available |
| 5045 Home | 5050 Hospital |
| 5055 Medical Office/Clinic | 5060 Morgue |
| 5065 Nursing Home | 5070 Other |
| 5075 Other EMS Responder (air) | 5080 Other EMS Responder (ground) |
| 5085 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

Data Format [date/time]

Definition

The time of the event recorded by the device's internal clock

XSD Data Type	<i>xs:dateTime</i>	XSD Domain (Simple Type)	<i>DateTime</i>		
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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 in section E21 is associated with a E21_01 Date/Time.

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [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 Value** Yes

Required in XSD No

XSD Structure: (1) Each element in section E21 is associated with a E21_01 Date/Time.

Field Values

- | | |
|--------------------------------|--------------------------|
| -25 Not Applicable | -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 | |

Data Format [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 Value** No

Required in XSD No

XSD Structure: (1) Each element in 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

Data Format [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 Value** No

Required in XSD No

XSD Structure: (1) Each element in 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

- Relevant Value for Data Element & Patient Care

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

Data Format [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 Value** No

Required in XSD No

XSD Structure: (1) Each element in 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 | |

Data Format [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 Value	No
Required in XSD No			
XSD Structure: (1) Each element in 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	

Data Format [text]

Definition

The interpretation of the rhythm by the device (if appropriate for the event)

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>ECGInterpretation</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	1
		Maximum Constraint	2,000

XSD Structure: (1) Each element in section E21 is associated with a E21_01 Date/Time.

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [text]

Definition

The energy form used by the device for the defibrillation (if appropriate for the event)

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>TypeOfShock</i>
Multiple Entry Configuration Yes, via structure	Accepts Null Value No

Required in XSD No

XSD Structure: (1) Each element in section E21 is associated with a E21_01 Date/Time.

Field Values

5310 Biphasic

5311 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

Data Format [number]

Definition

The energy used for the shock or pacing event (if appropriate for the event)

XSD Data Type	<i>xs:decimal</i>	XSD Domain (Simple Type)	<i>ShockOrPacingEnergy</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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 Format [number]

Definition

The number of times the patient was defibrillated, if the patient was defibrillated during the patient encounter.

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>TotalNumberOfShocks</i>		
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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

Data Format [number]

Definition

The rate the device was calibrated to pace during the event, if appropriate.

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>PacingRate</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	1
		Maximum Constraint	1,000

XSD Structure: (1) Each element in section E21 is associated with a E21_01 Date/Time.

Field Values

- Relevant Value for Data Element & Patient Care

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	

Data Format [number]

Definition

The heart rate electronically obtained by the device (if appropriate for the event)

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>PulseRate</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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 Format [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	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>PulseRate</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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

Data Format [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	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>SBP</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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_01 Event Date/Time
E21_02 Medical Device Event Name	E21_19 Device CO2, etCO2, or Invasive Pressure Monitor Units

DEVICE DIASTOLIC BLOOD PRESSURE

E21_15

Data Format [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	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>DBP</i>		
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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_01	Event Date/Time
E21_02	Medical Device Event Name	E21_19	Device CO2, etCO2, or Invasive Pressure Monitor Units

DEVICE RESPIRATORY RATE

E21_16

Data Format [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	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>RespiratoryRate</i>		
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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

Definition

The Oxygen Saturation as measured from the pulse oximeter in % (if appropriate for the event)

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>DeviceCO2</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	100

XSD Structure: (1) Each element in section E21 is associated with a E21_01 Date/Time.

Field Values

- Relevant Value for Data Element & Patient Care

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

Data Format [number]

Definition

The Carbon Dioxide or end-tidal Carbon Dioxide as measured from the device transducers (if appropriate for the event)

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>DeviceCO2</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	100

XSD Structure: (1) Each element in 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

- Relevant Value for Data Element & Patient Care

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_01 Event Date/Time
E21_02 Medical Device Event Name	E21_19 Device CO2, etCO2, or Invasive Pressure Monitor Units

Data Format [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 Value** No

Required in XSD No

XSD Structure: (1) Each element in 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 Format [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	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>DeviceInvasivePressureMean</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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_19 Device CO2, etCO2, or Invasive Pressure Monitor Units



Outcome and Linkage

EMERGENCY DEPARTMENT DISPOSITION

E22_01

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>EmergencyDepartmentDisposition</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable

-15 Not Reporting

-10 Not Known

-5 Not Available

5335 Admitted to Hospital Floor

5340 Admitted to Hospital ICU

5345 Death

5350 Not Applicable (Not Transported to ED)

5355 Released

5360 Transferred

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>HospitalDisposition</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable

-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

Data Format [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 <i>xs:string</i>	XSD Domain (Simple Type) <i>LawEnforcementCrashReportNumber</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 20

Field Values

- 25 Not Applicable
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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

Data Format [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 <i>xs:string</i>	XSD Domain (Simple Type) <i>TraumaRegistryID</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 20

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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 Format [text]

Definition

The unique number associated with the fire incident report which can be used for linkage at a later date.

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>FireIncidentReportNumber</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 20

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

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

Data Format [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 <i>xs:string</i>	XSD Domain (Simple Type) <i>PatientIDBandTagNumber</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 20

Field Values

- 25 Not Applicable
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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

Data Format [combo] single-choice

Definition

Indication of whether the form needs review by anyone.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>YesNoValues</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

- | | |
|--------------------|---------------|
| -25 Not Applicable | -10 Not Known |
| -5 Not Available | 0 No |
| 1 Yes | |

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

Data Format [combo] multiple-choice

Definition

An indication if the patient may meet the entry criteria for a injury or illness specific registry

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PotentialRegistryCandidate</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

- | | |
|---------------------------|------------------------------------|
| -25 Not Applicable | -10 Not Known |
| -5 Not Available | 5395 Burn |
| 5400 Cardiac/MI | 5405 CVA/Stroke |
| 5410 Drowning | 5415 Spinal Cord Injury |
| 5420 Trauma | 5425 Traumatic Brain Injury |
| 5430 Other | |

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 Format [combo] multiple-choice

Definition

The personal protective equipment which was used by EMS personnel during this EMS patient contact.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PersonalProtectiveEquipmentUsed</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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SUSPECTED INTENTIONAL, OR UNINTENTIONAL DISASTER

E23_04

Data Format [combo] multiple-choice

Definition

Suspicion of the listed multi-casualty or domestic terrorism causes.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>SuspectedIntentionalOrUnintentionalDisaster</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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SUSPECTED CONTACT WITH BLOOD/BODY FLUIDS OF EMS INJURY OR DEATH

E23_05

Data Format [combo] single-choice

Definition

Indication of unprotected contact with blood or body fluids

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>YesNoValues</i>
Multiple Entry Configuration	No	Accepts Null Value	Yes
Required in XSD	No		

Field Values

-25	Not Applicable	-10	Not Known
-5	Not Available	0	No
1	Yes		

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

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

E23_06

Data Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>TypeOfSuspectedExposureToBodilyFluids</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

PERSONNEL EXPOSED

Data Format [combo] multiple-choice

Definition

The EMS personnel who was/were exposed to unprotected contact with blood or body fluids

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PersonnelExposed</i>
Multiple Entry Configuration Yes	Accepts Null Value Yes
Required in XSD No	

Field Values

- 25 Not Applicable
- 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 Suspected Blood/Body Fluid Exposure, Injury or Death (E23_06) and Personnel Exposed (E23_07) should be completed

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

- E00** Common Null Values
- E01_01** Patient Care Report Number
- E23_05** Suspected Contact with Blood/Body Fluids of EMS Injury or Death
- E23_06** Type of Suspected Blood/Body Fluid Exposure, Injury, or Death

REQUIRED REPORTABLE CONDITIONS

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>YesNoValues</i>
Multiple Entry Configuration No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-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
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Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>ResearchField</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	Yes
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

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

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?

Data Format [text]

Definition

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

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

Field Values

- 25 Not Applicable
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

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

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>ResearchTitle</i>
Multiple Entry Configuration	Yes, via structure	Accepts Null Value	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

- Relevant Value for Data Element & Patient Care

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