

National  
Emergency  
Medical  
Services  
Information  
System



# **NEMESIS**

## **NHTSA Version 2.2.1**

### **Data Dictionary**

Funded by  
National Highway Traffic Safety Administration (NHTSA)  
EMS Division

**[WWW.NEMESIS.ORG](http://WWW.NEMESIS.ORG)**

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

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

**Version 2.2.1 (2006)**



**Final Documentation  
and  
Data Dictionary**

**[WWW.NEMESIS.ORG](http://WWW.NEMESIS.ORG)**

# NHTSA Uniform PreHospital EMS Dataset Version 2.2.1

National EMS Information Agency Project (NEMESIS)

[www.nemesis.org](http://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 (NEMESIS) 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 NEMESIS is to establish an EMS data system at the local, state, and national levels. Please see [www.nemesis.org](http://www.nemesis.org) for more information.

Information provided in this document includes the following:

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

# Table of Contents

---

## Demographic Dataset

---

D01	Agency General Information	1
D02	Agency Contact Information	23
D03	Agency Medical Director Information	35
D04	Agency Configuration Information	47
D05	Agency Station Information	67
D06	Agency Vehicle Information	77
D07	Agency Personnel Information	87
D08	General Personnel Information	94
D09	Medical Device Information	115

---

## EMS Dataset

---

E00	Common EMS Values	121
E01	Record Information	123
E02	Unit/ Agency Information	128
E03	Unit/ Call Information	149
E04	Unit/ Personnel Information	153
E05	Times	157
E06	Patient	171
E07	Billing	191
E08	Scene	230
E09	Situation	246
E10	Situation/ Trauma	264
E11	Situation/ CPR	277
E12	Medical History	289
E13	Narrative	310
E14	Assessment/ Vital Signs	312
E15	Assessment/ Injury	341
E16	Assessment/ Exam	353
E17	Intervention	379
E18	Intervention/ Medication	381
E19	Intervention/ Procedure	393
E20	Disposition	409
E21	Medical Device Data	427
E22	Outcome and Linkage	448
E23	Miscellaneous	455

---

## Appendix & Indices

---

A	<a href="#">Appendix</a> (Document Changes)
Index	Index

# *Agency General Information*

# EMS AGENCY NUMBER

D01\_01

Data [text]

*National Element*

## Definition

The state-assigned provider number of the responding agency

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

## Field Values

A unique value; no variable list is possible.

## Additional Information

- All EMS Agency demographic information is associated with the EMS agency number
- Not Nullable. A unique value must be provided to create a unique record ID within a database
- The same as EMS Agency Number (E02\_01). This could be used to auto fill E02\_01 on the Patient Care Report
- This data element is unique and is typically sequential

## Uses

- Agency number (E02\_01), agency state (D01\_03), unit call sign (E02\_12), patient number (E01\_01) and date (E05\_04) combine to create a unique identifier

## Data Collector

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

## Other Associated Elements

D01\_01 EMS Agency Number

## References in NHTSA Version 1

Desirable Element 23 Patient Care Record Number

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Patient Number

# EMS AGENCY NAME

D01\_02

**Data** [text]

## Definition

The formal name of the agency

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *EMSAgencyName*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 50

## Field Values

A unique value; no variable list is possible.

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**Data** [combo] multiple-choice

*National Element*

## Definition

The state in which the Agency provides services

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *AgencyState*

**Multiple Entry Configuration** Yes

**Accepts Null Values** No

**Required in XSD** Yes

**Minimum Constraint** 2

**Maximum Constraint** 2

## Field Values

- Appropriate 2 digit FIPS code

## Additional Information

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

## Uses

- Agency number (E02\_01), agency state (D01\_03), unit call sign (E02\_12), patient number (E01\_01) and date (E05\_04) combine to create a unique identifier

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

## References to Other Databases

- NFIRS 5.0 EMS Module, Title: State



**Data** [combo] multiple-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *AgencyCounty*

**Multiple Entry Configuration** Yes

**Accepts Null Values** No

**Required in XSD** Yes

**Minimum Constraint** 5

**Maximum Constraint** 5

## Field Values

- Appropriate 5 digit FIPS code

## Additional Information

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

## Uses

- Used to group data with a state

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

# PRIMARY TYPE OF SERVICE

D01\_05

**Data** [combo] single-choice

## Definition

The primary service type provided by the agency

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PrimaryTypeOfService*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** No

## Field Values

**5610** 911 Response (Scene) with Transport Capability

**5620** 911 Response (Scene) without Transport Capability

**5630** Air Medical

**5640** Hazmat

**5650** Medical Transport (Convalescent)

**5660** Paramedic Intercept

**5670** Rescue

**5680** Specialty Care Transport

## Uses

- Important for grouping or comparing EMS Agencies

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

# OTHER TYPES OF SERVICE

D01\_06

**Data** [combo] multiple-choice

## Definition

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

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

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

**Required in XSD** No

## Field Values

-25 Not Applicable

-15 Not Reporting

-5 Not Available

5700 911 Response (Scene) without Transport Capability

5720 Hazmat

5740 Paramedic Intercept

5760 Specialty Care Transport

-20 Not Recorded

-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

D01\_07

Data [combo] single-choice

*National Element*

## Definition

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

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

## Field Values

<b>6090</b> EMT-Basic	<b>6100</b> EMT-Intermediate
<b>6110</b> EMT-Paramedic	<b>6111</b> Nurse
<b>6112</b> Physician	<b>6120</b> First Responder

## Additional Information

- This list can be edited by each state to account for additional certification/licensure level by adding levels as listed in State Certification/Licensure Levels (D04\_01). State Certification/Licensure levels (D04\_01) should create the list for this item
- This value is stored either as the appropriate code or in text if an additional certification/licensure level has been entered by a state

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

## References in NHTSA Version 1

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

## References to Other Databases

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

# ORGANIZATIONAL TYPE

D01\_08

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *OrganizationalType*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

## Field Values

**5810** Community, Non-Profit

**5820** Fire Department

**5830** Governmental, Non-Fire

**5840** Hospital

**5850** Private, Non\_Hospital

**5860** Tribal

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

# ORGANIZATION STATUS

D01\_09

**Data** [combo] single-choice

*National Element*

## Definition

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

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

## Field Values

<b>5870</b> Mixed	<b>5880</b> Non-Volunteer
<b>5890</b> 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

Data [date/time]

*National Element*

## Definition

The year to which the information pertains

**XSD Data Type** *xs:gYear*

**XSD Domain (Simple Type)** *StatisticalYear*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** No

**Required in XSD** Yes

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

XSD Structure: D01\_10, D01\_12, D01\_13, D01\_14, D01\_15, D01\_16, D01\_17, and D01\_18 are all members of D1\_10\_0 Statistical Year Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

- Associates a year with statistical data to improve reporting capabilities

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D01\_12** Total Service Size Area

**D01\_13** Total Service Area Population

**D01\_14** 911 Call Volume per Year

**D01\_15** EMS Dispatch Volume per Year

**D01\_16** EMS Transport Volume per Year

**D01\_17** EMS Patient Contact Volume per Year

**D01\_18** EMS Billable Calls per Year

**E02\_01** EMS Agency Number

# OTHER AGENCIES IN AREA

D01\_11

**Data** [text] multiple-entry

## Definition

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

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

## Field Values

A unique value; no variable list is possible.

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

## Additional Information

- Can be used to create a list box for Other EMS Agencies at Scene (E08\_01). This is the Agency Name, not the EMS Agency Number

## Uses

- Populates information on other EMS resources available to an EMS agency

## Data Collector

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

## Other Associated Elements

<b>D01_01</b>	EMS Agency Number	<b>E00</b>	Common Null Values
---------------	-------------------	------------	--------------------



# TOTAL SERVICE SIZE AREA

D01\_12

Data [number]

*National Element*

## Definition

The total square miles in the agency's service area

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

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

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

XSD Structure: D01\_10, D01\_12, D01\_13, D01\_14, D01\_15, D01\_16, D01\_17, and D01\_18 are all members of D1\_10\_0 Statistical Year Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D01_10</b> Statistical Year
<b>D01_13</b> Total Service Area Population	<b>D01_14</b> 911 Call Volume per Year
<b>D01_15</b> EMS Dispatch Volume per Year	<b>D01_16</b> EMS Transport Volume per Year
<b>D01_17</b> EMS Patient Contact Volume per Year	<b>D01_18</b> EMS Billable Calls per Year

# TOTAL SERVICE AREA POPULATION

D01\_13

Data [number]

*National Element*

## Definition

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

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

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

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

XSD Structure: D01\_10, D01\_12, D01\_13, D01\_14, D01\_15, D01\_16, D01\_17, and D01\_18 are all members of D1\_10\_0 Statistical Year Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

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

# 911 CALL VOLUME PER YEAR

D01\_14

Data [number]

*National Element*

## Definition

The number of 911 EMS calls for the calendar year

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

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

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

XSD Structure: D01\_10, D01\_12, D01\_13, D01\_14, D01\_15, D01\_16, D01\_17, and D01\_18 are all members of D1\_10\_0 Statistical Year Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

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

# EMS DISPATCH VOLUME PER YEAR

D01\_15

**Data** [number]

*National Element*

## Definition

The number of EMS dispatches for the calendar year

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

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

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

XSD Structure: D01\_10, D01\_12, D01\_13, D01\_14, D01\_15, D01\_16, D01\_17, and D01\_18 are all members of D1\_10\_0 Statistical Year Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

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

# EMS TRANSPORT VOLUME PER YEAR

D01\_16

Data [number]

*National Element*

## Definition

The number of EMS transports for the calendar year

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

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

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

XSD Structure: D01\_10, D01\_12, D01\_13, D01\_14, D01\_15, D01\_16, D01\_17, and D01\_18 are all members of D1\_10\_0 Statistical Year Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

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

# EMS PATIENT CONTACT VOLUME PER YEAR

D01\_17

**Data** [number]

*National Element*

## Definition

The number of EMS patient contacts for that calendar year

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

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

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

XSD Structure: D01\_10, D01\_12, D01\_13, D01\_14, D01\_15, D01\_16, D01\_17, and D01\_18 are all members of D1\_10\_0 Statistical Year Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

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

# EMS BILLABLE CALLS PER YEAR

D01\_18

**Data** [number]

## Definition

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

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

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

**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 100,000,000

XSD Structure: D01\_10, D01\_12, D01\_13, D01\_14, D01\_15, D01\_16, D01\_17, and D01\_18 are all members of D1\_10\_0 Statistical Year Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

- Allows data to be sorted based on an agency's EMS Billable Calls/Year
- Provides description of EMS agencies across the nation

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D01_10</b> Statistical Year
<b>D01_12</b> Total Service Size Area	<b>D01_13</b> Total Service Area Population
<b>D01_14</b> 911 Call Volume per Year	<b>D01_15</b> EMS Dispatch Volume per Year
<b>D01_16</b> EMS Transport Volume per Year	<b>D01_17</b> EMS Patient Contact Volume per Year

# EMS AGENCY TIME ZONE

D01\_19

Data [text]

*National Element*

## Definition

The time zone for the EMS Agency

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *EMSAgencyTimeZone*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

## Field Values

**5900** GMT-11:00 Midway Island, Samoa

**5910** GMT-10:00 Hawaii

**5920** GMT-09:00 Alaska

**5930** GMT-08:00 Pacific Time

**5940** GMT-07:00 Mountain Time

**5950** GMT-06:00 Central Time

**5960** GMT-05:00 Eastern Time

**5970** GMT-04:00 Atlantic Time

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number



# EMS AGENCY DAYLIGHT SAVINGS TIME USE

D01\_20

**Data** [text]

## Definition

Indicate if the EMS Agency conforms to Daylight Savings Time

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

## Field Values

0 No      1 Yes

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

# NATIONAL PROVIDER IDENTIFIER

D01\_21

Data [text]

*National Element*

## Definition

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

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

## Field Values

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

## Additional Information

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

## Uses

- Important for HIPAA related transactions such as electronic claims processing

## Data Collector

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

## Other Associated Elements

D01\_01 EMS Agency Number

# *Agency Contact Information*

# AGENCY CONTACT LAST NAME

D02\_01

Data [text]

## Definition

The Last Name of the agency's primary contact.

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *DemographicLastName*  
**Multiple Entry Configuration**    No      **Accepts Null Values**    No  
**Required in XSD** No      **Minimum Constraint** 2      **Maximum Constraint** 20  
XSD Structure: D02\_01, D02\_02, and D02\_03 are all members D02\_01\_0 Agency Contact Name Structure

## Field Values

A unique value; no variable list is possible.

## Uses

- Component of the EMS Agency Contact Information/Address

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number      **D02\_02** Agency Contact Middle Name/Initial  
**D02\_03** Agency Contact First Name

# AGENCY CONTACT MIDDLE NAME/INITIAL

D02\_02

**Data** [text]

## Definition

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

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *FirstName*  
**Multiple Entry Configuration**    No                      **Accepts Null Values**    Yes  
**Required in XSD**    No                      **Minimum Constraint**    1                      **Maximum Constraint**    20  
XSD Structure: D02\_01, D02\_02, and D02\_03 are all members D02\_01\_0 Agency Contact Name Structure

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded  
-10 Not Known

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

## Uses

- Component of the EMS Agency Contact Information/Address

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D02_01</b> Agency Contact Last Name
<b>D02_03</b> Agency Contact First Name	<b>E00</b> Common Null Values

# AGENCY CONTACT FIRST NAME

D02\_03

Data [text]

## Definition

The First Name of the agency's primary contact.

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *MiddleInitialName*  
**Multiple Entry Configuration**    No      **Accepts Null Values**    Yes  
**Required in XSD**    No      **Minimum Constraint**    1      **Maximum Constraint**    20  
XSD Structure: D02\_01, D02\_02, and D02\_03 are all members D02\_01\_0 Agency Contact Name Structure

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded  
-10 Not Known

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

## Uses

- Component of the EMS Agency Contact Information/Address

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D02_01</b> Agency Contact Last Name
<b>D02_02</b> Agency Contact Middle Name/Initial	<b>E00</b> Common Null Values

# AGENCY CONTACT ADDRESS

D02\_04

**Data** [text]

## Definition

The Agency contact's location or physical address.

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *StreetAddress*  
**Multiple Entry Configuration**    No      **Accepts Null Values**    Yes  
**Required in XSD**    No      **Minimum Constraint**    2      **Maximum Constraint**    30  
XSD Structure: D02\_04, D02\_05, D02\_06, and D02\_07 are all members of D02\_04\_0 Agency Contract Address

## Field Values

A unique value; no variable list is possible.

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

## Uses

- Component of the EMS Agency Contact Information/Address

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D02_05</b> Agency Contact City
<b>D02_06</b> Agency Contact State	<b>D02_07</b> Agency Contact Zip Code
<b>E00</b> Common Null Values	

# AGENCY CONTACT CITY

D02\_05

**Data** [combo] single-choice

## Definition

The city of the Agency contact's mailing address.

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *City*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: D02\_04, D02\_05, D02\_06, and D02\_07 are all members of D02\_04\_0 Agency Contract Address

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- 5 digit FIPS code
- Could be filled in from Zip Code entry (D02\_07)

## Uses

- Component of the EMS Agency Contact Information/Address

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D02\_06** Agency Contact State

**E00** Common Null Values

**D02\_04** Agency Contact Address

**D02\_07** Agency Contact Zip Code



# AGENCY CONTACT STATE

D02\_06

**Data** [combo] single-choice

## Definition

The state of the Agency contact's mailing address.

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *State*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 3

XSD Structure: D02\_04, D02\_05, D02\_06, and D02\_07 are all members of D02\_04\_0 Agency Contract Address

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Zip Code entry (D02\_07)

## Uses

- Component of the EMS Agency Contact Information/Address

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D02\_05** Agency Contact City

**E00** Common Null Values

**D02\_04** Agency Contact Address

**D02\_07** Agency Contact Zip Code

# AGENCY CONTACT ZIP CODE

D02\_07

Data [text]

*National Element*

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *DemographicZip*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

XSD Structure: D02\_04, D02\_05, D02\_06, and D02\_07 are all members of D02\_04\_0 Agency Contract Address

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Can be a 5 or 9 digit Zip Code

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D02\_04** Agency Contact Address

**D02\_05** Agency Contact City

**D02\_06** Agency Contact State

# AGENCY CONTACT TELEPHONE NUMBER

D02\_08

**Data** [text]

## Definition

The primary phone number of the Agency contact.

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

## Field Values

A unique value; no variable list is possible.

-25	Not Recorded	-25	Not Applicable
-15	Not Known	-15	Not Reporting
-5	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

<b>D01_01</b>	EMS Agency Number	<b>E00</b>	Common Null Values
---------------	-------------------	------------	--------------------

# AGENCY CONTACT FAX NUMBER

D02\_09

**Data** [text]

## Definition

The primary fax number of the Agency contact.

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

## Field Values

A unique value; no variable list is possible.

-25	Not Recorded	-25	Not Applicable
-15	Not Known	-15	Not Reporting
-5	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

<b>D01_01</b>	EMS Agency Number	<b>E00</b>	Common Null Values
---------------	-------------------	------------	--------------------

# AGENCY CONTACT EMAIL ADDRESS

D02\_10

**Data** [text]

## Definition

The primary email address of the Agency contact.

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

## Field Values

A unique value; no variable list is possible.

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

<b>D01_01</b>	EMS Agency Number	<b>E00</b>	Common Null Values
---------------	-------------------	------------	--------------------

# AGENCY CONTACT WEB ADDRESS

D02\_11

**Data** [text]

## Definition

The primary website address (URL) of the agency.

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

## Field Values

A unique value; no variable list is possible.

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

## Uses

- Component of the EMS Agency Contact Information/Address

## Data Collector

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

## Other Associated Elements

<b>D01_01</b>	EMS Agency Number	<b>E00</b>	Common Null Values
---------------	-------------------	------------	--------------------

# *Agency Medical Director Information*

# AGENCY MEDICAL DIRECTOR LAST NAME

D03\_01

**Data** [text]

## Definition

The Last Name of the Agency's Medical Director

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

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

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

XSD Structure: D03\_01, D03\_02, and D03\_03 are all members of D03\_01\_0 Agency Medical Director Name

## Field Values

A unique value; no variable list is possible.

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D03\_02** Agency Medical Director Middle Name/Initial

**D03\_03** Agency Medical Director First Name



# AGENCY MEDICAL DIRECTOR MIDDLE NAME/INITIAL

D03\_02

Data [text]

## Definition

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

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *MiddleInitialName*  
**Multiple Entry Configuration**    No      **Accepts Null Values**    Yes  
**Required in XSD**    No      **Minimum Constraint**    1      **Maximum Constraint**    20  
XSD Structure: D03\_01, D03\_02, and D03\_03 are all members of D03\_01\_0 Agency Medical Director Name

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded  
-10 Not Known

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

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D03_01</b> Agency Medical Director Last Name
<b>D03_03</b> Agency Medical Director First Name	<b>E00</b> Common Null Values

# AGENCY MEDICAL DIRECTOR FIRST NAME

D03\_03

Data [text]

## Definition

The First Name of the Agency's Medical Director

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *FirstName*  
**Multiple Entry Configuration**    No      **Accepts Null Values**    Yes  
**Required in XSD**    No      **Minimum Constraint**    1      **Maximum Constraint**    20  
XSD Structure: D03\_01, D03\_02, and D03\_03 are all members of D03\_01\_0 Agency Medical Director Name

## Field Values

A unique value; no variable list is possible.

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

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D03_01</b> Agency Medical Director Last Name
<b>D03_02</b> Agency Medical Director Middle Name/Initial	<b>E00</b> Common Null Values

# AGENCY MEDICAL DIRECTOR ADDRESS

D03\_04

Data [text]

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *StreetAddress*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: D03\_04, D03\_05, D03\_06, and D03\_07 are all members of D03\_04\_0 Agency Medical Director Address

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D03\_05** Agency Medical Director City

**D03\_07** Agency Medical Director Zip Code

**D03\_01** Agency Medical Director Last Name

**D03\_06** Agency Medical Director State

**E00** Common Null Values

# AGENCY MEDICAL DIRECTOR CITY

D03\_05

**Data** [combo] single-choice

## Definition

The city of the Agency medical director's mailing address

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *City*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: D03\_04, D03\_05, D03\_06, and D03\_07 are all members of D03\_04\_0 Agency Medical Director Address

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- 5 digit FIPS code
- Could be filled in from Zip Code entry (D03\_07)

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D03\_04** Agency Medical Director Address

**D03\_07** Agency Medical Director Zip Code

**D03\_01** Agency Medical Director Last Name

**D03\_06** Agency Medical Director State

**E00** Common Null Values

# AGENCY MEDICAL DIRECTOR STATE

D03\_06

**Data** [combo] single-choice

## Definition

The state of the Agency medical director's mailing address

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *State*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 3

XSD Structure: D03\_04, D03\_05, D03\_06, and D03\_07 are all members of D03\_04\_0 Agency Medical Director Address

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Zip Code entry (D03\_07)

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D03\_04** Agency Medical Director Address

**D03\_07** Agency Medical Director Zip Code

**D03\_01** Agency Medical Director Last Name

**D03\_05** Agency Medical Director City

**E00** Common Null Values

# AGENCY MEDICAL DIRECTOR ZIP CODE

D03\_07

**Data** [text]

## Definition

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

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *DemographicZip*  
**Multiple Entry Configuration**    No      **Accepts Null Values**      No

**Required in XSD** No

XSD Structure: D03\_04, D03\_05, D03\_06, and D03\_07 are all members of D03\_04\_0 Agency Medical Director Address

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Can be a 5 or 9 digit Zip Code

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D03_01</b> Agency Medical Director Last Name
<b>D03_04</b> Agency Medical Director Address	<b>D03_05</b> Agency Medical Director City
<b>D03_06</b> Agency Medical Director State	

# AGENCY MEDICAL DIRECTOR TELEPHONE NUMBER

D03\_08

**Data** [text]

## Definition

The primary phone number of the Agency's medical director

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

## Field Values

A unique value; no variable list is possible.

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

<b>D01_01</b>	EMS Agency Number	<b>D03_01</b>	Agency Medical Director Last Name
<b>E00</b>	Common Null Values		

# AGENCY MEDICAL DIRECTOR FAX NUMBER

D03\_09

**Data** [text]

## Definition

The primary fax number of the Agency's medical director

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

## Field Values

A unique value; no variable list is possible.

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

## Additional Information

- 10 digit telephone number

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b>	EMS Agency Number	<b>D03_01</b>	Agency Medical Director Last Name
<b>E00</b>	Common Null Values		



# AGENCY MEDICAL DIRECTOR'S MEDICAL SPECIALTY

D03\_10

**Data** [combo] single-choice

## Definition

The primary medical specialty of the Agency Medical Director

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *AgencyMedicalDirectorsMedicalSpecialty*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

5980 Anesthesiology

5990 Cardiology

6000 Emergency Medicine

6010 Family Practice

6020 General Practice (not board certified)

6030 Internal Medicine

6040 Obstetrics and Gynecology

6050 Orthopedics

6060 Other

6070 Pediatrics

6080 Surgery

## Uses

- Provides description of the Medical Direction of EMS Agencies

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D03\_01** Agency Medical Director Last Name

**E00** Common Null Values

# AGENCY MEDICAL DIRECTOR EMAIL ADDRESS

D03\_11

**Data** [text]

## Definition

The primary email address of the Agency's medical director

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

## Field Values

A unique value; no variable list is possible.

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

## Uses

- Component of the EMS 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

<b>D01_01</b> EMS Agency Number	<b>D03_01</b> Agency Medical Director Last Name
<b>E00</b> Common Null Values	

# *Agency Configuration Information*

# STATE CERTIFICATION LICENSURE LEVELS

D04\_01

**Data** [combo] multiple-choice

## Definition

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

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

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

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

XSD Structure: D04\_01 is a member of D04\_01\_0 Demographic State Certification Licensure Levels

XSD Attributes: Status (Active or In-active) and Date are included as attributes

## Field Values

<b>6090</b> EMT-Basic	<b>6100</b> EMT-Intermediate
<b>6110</b> EMT-Paramedic	<b>6111</b> Nurse
<b>6112</b> Physician	<b>6120</b> First Responder

## Additional Information

- Additional EMS Certification Licensure Levels may be added by each state if a level exists in the state different than the provided variables. If an additional level is added, the new variable should be stored and passed in the xml in text format providing the name of the level
- Multiple entry configuration to create a list box for Level of Service (D01\_07), Crew Member Level (E04\_03), Personnel Level of Vehicle Crew (D06\_04), Personnel's Highest Level of Certification/Licensure for Agency (D07\_05), and State EMS Certification/Licensure Level (D08\_15)
- Other levels should be entered here as per state rules and regulations

## Uses

- Allows data to be sorted based on an agency's credentialing levels
- Used to create a list box for Items D01\_07, E04\_03, D06\_04, D07\_05, and D08\_15

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

# EMS UNIT CALL SIGN

D04\_02

**Data** [text] multiple-entry

## Definition

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

<b>XSD Data Type</b>	<i>xs:string</i>	<b>XSD Domain (Simple Type)</b>	<i>EMSUnitNumber</i>
<b>Multiple Entry Configuration</b>	Yes	<b>Accepts Null Values</b>	No
<b>Required in XSD</b>	No	<b>Minimum Constraint</b>	2
		<b>Maximum Constraint</b>	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** [text] multiple-entry

## Definition

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

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *DemographicZoneNumber*  
**Multiple Entry Configuration**    Yes                                      **Accepts Null Values**    **No**  
**Required in XSD** **No**                                      **Minimum Constraint**    **1**                      **Maximum Constraint**    **30**  
XSD Structure: D04\_03 is a member of D04\_03\_0 Demographic State Certification Licensure Levels

## Field Values

A unique value; no variable list is possible.

## Additional Information

- If GPS documentation is being done by the EMS Agency, the documentation of a zone is typically not required
- Multiple entry configuration to create a list box for Vehicle Dispatch Zone (E02\_14), Scene Zone Number (E08\_09), Destination Zone Number (E20\_09), and Station Zone (D05\_03)

## Uses

- Used to create a list box for Items E02\_14, E08\_09, E20\_09, and D05\_03

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

# PROCEDURES

D04\_04

Data [combo] multiple-choice

## Definition

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

**XSD Data Type** *xs:decimal*      **XSD Domain (Simple Type)** *DemographicProcedure*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 0      **Maximum Constraint** 1,000  
XSD Structure: D04\_04 and D04\_05 are members of D04\_04\_0 Demographic Procedure Structure

## Field Values

12 Lead ECG-Obtain	89.820	CPR-Start Rescue Breathing without Compressions	99.612
12 Lead ECG-Transmitted	89.821	CPR-Stop	99.615
Activation-Advanced Hazmat Specialty Service/Response Team	101.201	Decontamination	86.280
Activation-Fire Rehabilitation Specialty Service/Response Team	101.202	Defibrillation-Automated (AED)	99.621
Activation-Other Specialty Service/Response Team	101.203	Defibrillation-Manual	99.622
Activation-Rescue Specialty Service/Response Team	101.204	Defibrillation-Placement for Monitoring/Analysis	99.625
Activation-Social Services Notification/Referral	101.205	Escharotomy	86.090
Activation-Tactical or SWAT Specialty Service/Response Team	101.206	Extrication	100.200
Airway-Bagged (via BVMask)	93.931	Gastric Tube Insertion-Inserted Nasally	96.070
Airway-Bagged (via tube)	93.930	Gastric Tube Insertion-Inserted Orally	96.071
Airway-BiPAP	96.702	Injections-SQ/IM	99.290
Airway-Change Tracheostomy Tube	97.230	Intra-Aortic Balloon Pump Maintenance	37.611
Airway-Cleared, Opened, or Heimlich	98.130	Joint Reduction/Relocation	79.700
Airway-Combitube Blind Insertion Airway Device	96.051	Left Ventricular Assist Device Maintenance	37.612
Airway-CPAP	93.900	MAST	93.580
Airway-Direct Laryngoscopy	31.420	Orthostatic Blood Pressure Measurement	89.590
Airway-EOA/EGTA	96.030	Pain Measurement	89.702
Airway-Extubation	96.993	Patient Cooling (Cold Pack, etc.)	99.810
Airway-Foreign Body Removal	98.131	Patient Cooling-Post Resuscitation	99.811
Airway-Impedance Threshold Device	96.703	Patient Loaded	100.300
Airway-Intubation Confirm Colorimetric ETCO2	96.991	Patient Loaded-Helicopter Hot-Load	100.301
Airway-Intubation Confirm Esophageal Bulb	96.992	Patient Monitoring of Pre-existing Devices, Equipment, or Ongoing Medications	89.599
Airway-Intubation of Existing Tracheostomy Stoma	97.231	Patient Off-Loaded	100.302
Airway-King LT Blind Insertion Airway Device	96.053	Patient Off-Loaded Helicopter Hot Off-Load	100.303
Airway-Laryngeal Mask Blind Insertion Airway Device	96.052	Patient Warming (Hot Pack, etc.)	93.350
Airway-Nasal	96.010	Pericardiocentesis	37.000
Airway-Nasotracheal Intubation	96.041	Pulse Oximetry	89.392
Airway-Nebulizer Treatment	93.940	Rescue	100.100
Airway-Needle Cricothyrotomy	31.110	Restraints-Pharmacological	99.841
Airway-Oral	96.020	Restraints-Physical	99.842
Airway-Orotracheal Intubation	96.040	Specialty Center Activation-Adult Trauma	101.101
Airway-PEEP	96.790	Specialty Center Activation-Cardiac Arrest	101.103
Airway-Rapid Sequence Intubation	96.042	Specialty Center Activation-Pediatric Trauma	101.102
Airway-Respirator Operation (BLS)	93.910	Specialty Center Activation-STEMI	101.104
Airway-Suctioning	98.150	Specialty Center Activation-Stroke	101.105
Airway-Surgical Cricothyrotomy	31.120	Spinal Immobilization	93.591
Airway-Ventilator Operation	96.700	Splinting-Basic	93.540

Airway-Ventilator with PEEP	96.701	Splinting-Traction	93.450
Airway-Video Laryngoscopy	31.421	Temperature Measurement	89.703
Arterial Access-Blood Draw	38.910	Thrombolytic Screen	89.704
Arterial Line Maintenance	89.610	Urinary Catheterization	57.940
Assessment-Adult	89.700	Vagal Maneuver-Carotid Massage	99.640
Assessment-Pediatric	89.701	Vagal Maneuver-Valsalva or Other Vagal Maneuver (Not Carotid Massage)	99.641
Blood Glucose Analysis	38.995	Venous Access-Blood Draw	38.990
Capnography (CO2 Measurement)	89.391	Venous Access-Central Line Maintenance	89.620
Cardiac Monitor	89.510	Venous Access-Discontinue	39.997
Cardiac Pacing-External	99.624	Venous Access-Existing Catheter	38.991
Cardiac Pacing-Transvenous	99.626	Venous Access-External Jugular Line	38.993
Cardioversion	99.623	Venous Access-Extremity	38.992
Chest Decompression	34.041	Venous Access-Femoral Line	38.994
Chest Tube Placement	34.042	Venous Access-Internal Jugular Line	39.995
Childbirth	73.590	Venous Access-Intraosseous Adult	41.920
CNS Catheter-Epidural Maintenance	1.181	Venous Access-Intraosseous Pediatric	41.921
CNS Catheter-Intraventricular Maintenance	1.182	Venous Access-Subclavian Line	39.996
Contact Medical Control	101.500	Venous Access-Swan Ganz Maintenance	89.640
CPR by Other External Automated Device	99.601	Venous Access-Umbilical Vein Cannulation	39.998
CPR-AutoPulse Device	99.602	Wound Care-General	93.057
CPR-Mechanical Thumper Type Device	99.603	Wound Care-Hemostatic Agent	93.059
CPR-Precordial Thump Only	99.604	Wound Care-Irrigation	93.058
CPR-Start Compressions and Ventilations	99.600	Wound Care-Taser Barb Removal	93.055
CPR-Start Compressions only without Ventilation	99.611	Wound Care-Tourniquet	93.056

### Additional Information

- A multiple-entry configuration with Personnel Level Permitted to use the Procedure (D04\_05)
- If local systems have procedures which are not listed in the current values, additional procedures may be added using CPT codes from the ICD-9 standard. The CPT code should be stored and passed via the XML. This will allow expansion of the list to formally add new procedures over time
- Used to create a list box for Procedure (E19\_03)

### Uses

- Allows data to be sorted based on an agency's Procedure capabilities
- Provides descriptive information when combined with an EMS Agency's Billing Status
- Used to create a list box for Response to Procedure (E19\_08)

### Data Collector

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

### Other Associated Elements

**D01\_01** EMS Agency Number                      **D04\_05** Personnel Level Permitted to Use the Procedure

### References in NHTSA Version 1

Desirable Element 58 Time of First CPR  
Desirable Element 63 Time of First Defibrillatory Shock  
Essential Element 78 Procedure or Treatment Name

### References to Other Databases

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

## Section D04 Agency Configuration Information 52



# PERSONNEL LEVEL PERMITTED TO USE THE PROCEDURE

D04\_05

**Data** [combo] multiple-choice

## Definition

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

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

**Multiple Entry Configuration** (1) Yes with each Procedure.      **Accepts Null Values**      **No**  
(2) Yes, via structure

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

XSD Structure: D04\_04 and D04\_05 are members of D04\_04\_0 Demographic Procedure Structure

XSD Attributes: Status (Active or In-active) and Date are included as attributes

## Field Values

<b>6090</b> EMT-Basic	<b>6100</b> EMT-Intermediate
<b>6110</b> EMT-Paramedic	<b>6111</b> Nurse
<b>6112</b> Physician	<b>6120</b> First Responder

## Additional Information

- This list can be edited by each state to account for additional certification/ licensure level by adding levels as listed in State Certification/Licensure Levels (D04\_01). State Certification/Licensure levels (D04\_01) should create the list for this item
- This value is stored either as the appropriate code or in text if an additional certification/licensure level has been entered by a state

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number      **D04\_04** Procedures

# MEDICATIONS GIVEN

D04\_06

**Data** [text] multiple-entry

## Definition

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

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *DemographicMedicationsGiven*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    **No**  
**Required in XSD** **No**                      **Minimum Constraint** **2**                      **Maximum Constraint** **30**  
XSD Structure: D04\_06 and D04\_07 are members of D04\_06\_0 Demographic Medication Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- At this time a national drug index or coding scheme, which would allow for a single code to be assigned to a single drug, does not exist
- The Drug List may contain any generic or trade name of a drug approved by the FDA and administered by EMS. The medication is stored and passed via XML in a text format
- Used to create a list box for Medication Given (E18\_03) and Prior Aid (E09\_01)

## Uses

- Allows data to be sorted based on an agency's Medication capabilities
- Could be used to create a list box for Medication Given (E18\_03) and Prior Aid (E09\_01)
- Provides descriptive information when combined with an EMS Agency's Billing Status

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number    **D04\_07** Personnel Level Permitted to Use the Medication

## References in NHTSA Version 1

Essential Element 80 Medication Name

## References to Other Databases

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

# PERSONNEL LEVEL PERMITTED TO USE THE MEDICATION

D04\_07

**Data** [combo] multiple-choice

## Definition

All personnel levels which are permitted to use the associated medication

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

**Multiple Entry Configuration** (1) Yes with each Procedure.      **Accepts Null Values**      **No**  
(2) Yes, via structure

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

XSD Structure: D04\_06 and D04\_07 are members of D04\_06\_0 Demographic Medication Structure

XSD Attributes: Status (Active or In-active) and Date are included as attributes

## Field Values

<b>6090</b> EMT-Basic	<b>6100</b> EMT-Intermediate
<b>6110</b> EMT-Paramedic	<b>6111</b> Nurse
<b>6112</b> Physician	<b>6120</b> 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** [text] multiple-entry

**Definition**

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

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *DemographicProtocolsUsed*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** **No**  
**Required in XSD** **No**      **Minimum Constraint** **2**      **Maximum Constraint** **30**  
XSD Structure: D04\_08 and D04\_09 are members of D04\_08\_0 Demographic Protocol Structure  
XSD Attributes: Status (Active or In-active) and Date are included as attributes

**Field Values**

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

**Additional Information**

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

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

### Uses

- Allows data to be sorted based on an agency's Protocols
- Could be used to create a list box for Protocols Used (E17\_01)
- Provides description of EMS Agency's capabilities
- Provides descriptive information when combined with an EMS Agency's Billing Status

### Data Collector

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

### Other Associated Elements

**D01\_01** EMS Agency Number

**D04\_09** Personnel Level Permitted to Use the Protocol

# PERSONNEL LEVEL PERMITTED TO USE THE PROTOCOL

D04\_09

**Data** [combo] single-choice

## Definition

All personnel levels which are permitted to use the associated Protocol

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

**Multiple Entry Configuration**      (1) Yes with each Procedure.      **Accepts Null Values**      **No**  
(2) Yes, via structure

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

XSD Structure: D04\_08 and D04\_09 are members of D04\_08\_0 Demographic Protocol Structure

XSD Attributes: Status (Active or In-active) and Date are included as attributes

## Field Values

<b>6090</b> EMT-Basic	<b>6100</b> EMT-Intermediate
<b>6110</b> EMT-Paramedic	<b>6111</b> Nurse
<b>6112</b> Physician	<b>6120</b> First Responder

## Additional Information

- This list can be edited by each state to account for additional certification/ licensure level by adding levels as listed in State Certification/Licensure Levels (D04\_01). State Certification/Licensure levels (D04\_01) should create the list for this item
- This value is stored either as the appropriate code or in text if an additional certification/licensure level has been entered by a state

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number      **D04\_08** Protocol

# BILLING STATUS

D04\_10

**Data** [combo] multiple-choice

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *BillingStatus*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** No

XSD Attributes: Status (Active or In-active) and Date are included as attributes

## Field Values

0 No

1 Yes

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

# HOSPITALS SERVED

D04\_11

**Data** [text] multiple-entry

## Definition

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

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *FacilityName*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 2      **Maximum Constraint** 50  
XSD Structure: D04\_11 and D04\_12 are members of D04\_11\_0 Hospitals Served Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple entry configuration used to create a list box for Destination/ Transferred to (E20\_01) and Vehicle Dispatch Location (E02\_13)

## Uses

- Could be used to create a list box (along with D04\_13) for Destination/ Transferred to (E20\_01) and Vehicle Dispatch Location (E02\_13)

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number      **D04\_12** Hospital Facility Number



# HOSPITAL FACILITY NUMBER

D04\_12

Data [text]

## Definition

The state assigned licensure number (code) for each Hospital Served (D04\_11)

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *FacilityNumber*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    Yes  
**Required in XSD**    No                      **Minimum Constraint**    2                      **Maximum Constraint**    30  
XSD Structure: D04\_11 and D04\_12 are members of D04\_11\_0 Hospitals Served Structure

## Field Values

A unique value; no variable list is possible.

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

## Additional Information

- Multiple entry configuration to create a list box for Incident Facility Code (E08\_08) and Destination Transferred to Code (E20\_02)
- This field could also provide linkage to Hospitals 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

<b>D01_01</b> EMS Agency Number	<b>D04_11</b> Hospitals Served
<b>E00</b> Common Null Values	

# OTHER DESTINATIONS

D04\_13

**Data** [text] multiple-entry

## Definition

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

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *FacilityName*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    **No**  
**Required in XSD** **No**                      **Minimum Constraint** **2**                      **Maximum Constraint** **50**  
XSD Structure: D04\_13, D04\_14 and D04\_15 are members of D04\_13\_0 Other Destinations Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple entry configuration used to create a list box for Destination/Transferred to (E20\_01) and Vehicle Dispatch Location (E02\_13)

## Uses

- Could be used to create a list box (along with D04\_11) for Destination/ Transferred to (E20\_01) and Vehicle Dispatch Location (E02\_13)

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number    **D04\_14** Destination Facility Number  
**D04\_15** Destination Type

# DESTINATION FACILITY NUMBER

D04\_14

Data [text]

## Definition

The state assigned licensure number (code) for each Other Destination (D04\_13)

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *FacilityNumber*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    Yes  
**Required in XSD**    No                      **Minimum Constraint**    2                      **Maximum Constraint**    30  
XSD Structure: D04\_13, D04\_14 and D04\_15 are members of D04\_13\_0 Other Destinations Structure

## Field Values

A unique value; no variable list is possible.

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

## Additional Information

- Multiple entry configuration to create a list box for Incident Facility Code (E8\_08) and Destination Transferred to Code (E20\_02)
- This field could also provide linkage to Other Destinations (D04\_13) which would allow a list box of Other Destination Names to be used instead of entering the Code directly

## Uses

- Allows data to be sorted or grouped based on the EMS transports destination type
- Could be used to create a list box (along with D04\_12) for Incident Facility Code (E08\_08) and Destination Transferred to Code (E20\_02)

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D04_13</b> Other Destinations
<b>D04_15</b> Destination Type	<b>E00</b> Common Null Values

# DESTINATION TYPE

D04\_15

**Data** [combo] single-choice

## Definition

The type of facility associated with the Other Destination (D04\_13)

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

**Required in XSD** No

XSD Structure: D04\_13, D04\_14 and D04\_15 are members of D04\_13\_0 Other Destinations Structure

## Field Values

<b>7270</b> Home	<b>7280</b> Hospital
<b>7290</b> Medical Office/Clinic	<b>7300</b> Morgue
<b>7320</b> Nursing Home	<b>7330</b> Other
<b>7340</b> Other EMS Responder (air)	<b>7350</b> Other EMS Responder (ground)
<b>7360</b> 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

<b>D01_01</b> EMS Agency Number	<b>D04_13</b> Other Destinations
<b>D04_14</b> Destination Facility Number	

## References in NHTSA Version 1

Essential Element 44    Destination/Transferred To

# INSURANCE COMPANIES USED

D04\_16

**Data** [text] multiple-entry

## Definition

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

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

**Data** [text]

## Definition

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

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

XSD Structure: D04\_17 is a member of D04\_17\_0 Demographic State Certification Licensure Levels

XSD Attributes: Status (Active or In-active) and Date are included as attributes

## Field Values

A unique value; no variable list is possible.

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

# *Agency Station Information*

# STATION NAME

D05\_01

**Data** [text]

## Definition

Name of the agency's station

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *StationName*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 50

XSD Structure: Data Elements D05\_01 through D05\_09 are all within the Agency Information Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple Entry Configuration for D05\_01 through D05\_09
- Provides part of the list box for Vehicle Dispatch Location (E02\_13)

## Uses

- Allows data to be sorted based on an agency's Station Name
- Component of the EMS Agency's Station Address

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D05\_02** Station Number

**D05\_03** Station Zone

**D05\_04** Station GPS

**D05\_05** Station Address

**D05\_06** Station City

**D05\_07** Station State

**D05\_08** Station Zip

**D05\_09** Station Telephone Number



# STATION NUMBER

D05\_02

**Data** [text]

## Definition

ID number of the agency's station

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *StationNumber*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 50

XSD Structure: Data Elements D05\_01 through D05\_09 are all within the Agency Information Structure

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D05\_03** Station Zone

**D05\_05** Station Address

**D05\_07** Station State

**D05\_09** Station Telephone Number

**D05\_01** Station Name

**D05\_04** Station GPS

**D05\_06** Station City

**D05\_08** Station Zip

**E00** Common Null Values

# STATION\_ZONE

D05\_03

**Data** [text]

## Definition

The geographic zone or location of the agency's station

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *DemographicZoneNumber*  
**Multiple Entry Configuration**    Yes, via structure      **Accepts Null Values**    **No**  
**Required in XSD**    **No**      **Minimum Constraint**    **1**      **Maximum Constraint**    **30**  
XSD Structure: Data Elements D05\_01 through D05\_09 are all within the Agency Information Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Selected from a list of geographic zones specific for each agency as defined in Zones (D04\_03)

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D05_01</b> Station Name
<b>D05_02</b> Station Number	<b>D05_04</b> Station GPS
<b>D05_05</b> Station Address	<b>D05_06</b> Station City
<b>D05_07</b> Station State	<b>D05_08</b> Station Zip
<b>D05_09</b> Station Telephone Number	

**Data** [text]

## Definition

The GPS coordinate for the agency's station

**XSD Data Type** *xs:decimal*      **XSD Domain (Simple Type)** *GPSLocation*  
**Multiple Entry Configuration**    Yes, via structure      **Accepts Null Values**      **No**

**Required in XSD** **No**

XSD Structure: Data Elements D05\_01 through D05\_09 are all within the Agency Information Structure

XSD Attributes: Latitude and Longitude are each included as attributes

## Field Values

A unique value; no variable list is possible.

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D05_01</b> Station Name
<b>D05_02</b> Station Number	<b>D05_03</b> Station Zone
<b>D05_05</b> Station Address	<b>D05_06</b> Station City
<b>D05_07</b> Station State	<b>D05_08</b> Station Zip
<b>D05_09</b> Station Telephone Number	

# STATION ADDRESS

D05\_05

**Data** [text]

## Definition

Address of the agency's station

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

XSD Structure: (1) Data Elements D05\_01 through D05\_09 are all within the Agency Information Structure. (2) Data Elements D05\_05, D05\_06, D05\_07, and D05\_08 are all members of D05\_05\_0 Station Address Structure

## Field Values

A unique value; no variable list is possible.

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

## Uses

- Component of the EMS Agency's Station Address

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D05_01</b> Station Name
<b>D05_02</b> Station Number	<b>D05_03</b> Station Zone
<b>D05_04</b> Station GPS	<b>D05_06</b> Station City
<b>D05_07</b> Station State	<b>D05_08</b> Station Zip
<b>D05_09</b> Station Telephone Number	<b>E00</b> Common Null Values

**Data** [combo] single-choice

## Definition

City of the agency's station

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *City*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: (1) Data Elements D05\_01 through D05\_09 are all within the Agency Information Structure. (2) Data Elements D05\_05, D05\_06, D05\_07, and D05\_08 are all members of D05\_05\_0 Station Address Structure

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- 5 digit FIPS code
- Could be filled in from Station Zip Code entry (D05\_08)

## Uses

- Component of the EMS Agency's Station Address

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D05\_02** Station Number

**D05\_04** Station GPS

**D05\_07** Station State

**D05\_09** Station Telephone Number

**D05\_01** Station Name

**D05\_03** Station Zone

**D05\_05** Station Address

**D05\_08** Station Zip

**E00** Common Null Values

# STATION STATE

D05\_07

**Data** [combo] single-choice

## Definition

State of the agency's station

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *State*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 3

XSD Structure: (1) Data Elements D05\_01 through D05\_09 are all within the Agency Information Structure. (2) Data Elements D05\_05, D05\_06, D05\_07, and D05\_08 are all members of D05\_05\_0 Station Address Structure

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Station Zip Code entry (D05\_08)

## Uses

- Component of the EMS Agency's Station Address

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D05\_02** Station Number

**D05\_04** Station GPS

**D05\_06** Station City

**D05\_09** Station Telephone Number

**D05\_01** Station Name

**D05\_03** Station Zone

**D05\_05** Station Address

**D05\_08** Station Zip

**E00** Common Null Values

# STATION ZIP

D05\_08

**Data** [text]

## Definition

ZIP Code of the agency's station

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

**Required in XSD** **No**

XSD Structure: (1) Data Elements D05\_01 through D05\_09 are all within the Agency Information Structure. (2) Data Elements D05\_05, D05\_06, D05\_07, and D05\_08 are all members of D05\_05\_0 Station Address Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Can be 5 or 9 digit Zip Code

## Uses

- Component of the EMS Agency's Station Address

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D05_01</b> Station Name
<b>D05_02</b> Station Number	<b>D05_03</b> Station Zone
<b>D05_04</b> Station GPS	<b>D05_05</b> Station Address
<b>D05_06</b> Station City	<b>D05_07</b> Station State
<b>D05_09</b> Station Telephone Number	

# STATION TELEPHONE NUMBER

D05\_09

**Data** [text]

## Definition

The telephone number of the agency's station

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

## Field Values

A unique value; no variable list is possible.

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

## Additional Information

- 10 digit telephone number

## Uses

- Component of the EMS Agency's Station Address

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D05_01</b> Station Name
<b>D05_02</b> Station Number	<b>D05_03</b> Station Zone
<b>D05_04</b> Station GPS	<b>D05_05</b> Station Address
<b>D05_06</b> Station City	<b>D05_07</b> Station State
<b>D05_08</b> Station Zip	<b>E00</b> Common Null Values



# *Agency Vehicle Information*

# UNIT/VEHICLE NUMBER

D06\_01

**Data** [text]

## Definition

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

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *VehicleNumber*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 2      **Maximum Constraint** 50  
XSD Structure: (1) Data Elements D06\_01 through D06\_10 are all within the Vehicle Information Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple Entry Configuration for D06\_01 through D06\_10

## Uses

- Allows data to be sorted based on an agency's Unit Number
- Provides geographic descriptive data on EMS agencies
- Used to create a list box for EMS Unit/Vehicle Number (E02\_11)

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D06_03</b> Vehicle Type
<b>D06_04</b> State Certification/Licensure Levels	<b>D06_05</b> Number Of Each Personnel Level on the Vehicle Crew
<b>D06_06</b> Vehicle Initial Cost	<b>D06_07</b> Vehicle Model Year
<b>D06_08</b> Year Miles/Hours Accrued	<b>D06_09</b> Annual Vehicle Hours
<b>D06_10</b> Annual Vehicle Miles	

## References in NHTSA Version 1

Essential Element 24 Agency/Unit Number

# VEHICLE TYPE

D06\_03

**Data** [combo] single-choice

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *VehicleType*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** No

**Required in XSD** No

XSD Structure: (1) Data Elements D06\_01 through D06\_10 are all within the Vehicle Information Structure

## Field Values

**7370** Ambulance

**7390** Bicycle

**7410** Fire Truck

**7430** Motorcycle

**7450** Private Vehicle

**7470** Rescue

**7380** ATV

**7400** Boat

**7420** Fixed Wing

**7440** Other

**7460** Quick Response Vehicle (Non-Transport Vehicle other than Fire Truck)

**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\_04** State Certification/Licensure Levels

**D06\_06** Vehicle Initial Cost

**D06\_08** Year Miles/Hours Accrued

**D06\_10** Annual Vehicle Miles

**D06\_01** Unit/Vehicle Number

**D06\_05** Number Of Each Personnel Level on the Vehicle Crew

**D06\_07** Vehicle Model Year

**D06\_09** Annual Vehicle Hours

## References in NHTSA Version 1

Essential Element 25 Vehicle Type

# STATE CERTIFICATION/LICENSURE LEVELS

D06\_04

**Data** [combo] single-choice

## Definition

The personnel certification/licensure level of the vehicle crew member

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

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

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

XSD Structure: (1) Data Elements D06\_01 through D06\_10 are all within the Vehicle Information Structure. (2) D06\_04 and D06\_05 are members of D06\_04\_0 Vehicle Crew Structure

## Field Values

<b>6090</b> EMT-Basic	<b>6100</b> EMT-Intermediate
<b>6110</b> EMT-Paramedic	<b>6111</b> Nurse
<b>6112</b> Physician	<b>6120</b> 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

<b>D01_01</b> EMS Agency Number	<b>D06_01</b> Unit/Vehicle Number
<b>D06_03</b> Vehicle Type	<b>D06_05</b> Number Of Each Personnel Level on the Vehicle Crew
<b>D06_06</b> Vehicle Initial Cost	<b>D06_07</b> Vehicle Model Year
<b>D06_08</b> Year Miles/Hours Accrued	<b>D06_09</b> Annual Vehicle Hours
<b>D06_10</b> Annual Vehicle Miles	

# NUMBER OF EACH PERSONNEL LEVEL ON THE VEHICLE CREW

D06\_05

**Data** [number]

## Definition

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

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

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

**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 12

XSD Structure: (1) Data Elements D06\_01 through D06\_10 are all within the Vehicle Information Structure. (2) D06\_04 and D06\_05 are members of D06\_04\_0 Vehicle Crew Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple Entry Configuration for D06\_04 and D06\_05

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D06_01</b> Unit/Vehicle Number
<b>D06_03</b> Vehicle Type	<b>D06_04</b> State Certification/Licensure Levels
<b>D06_06</b> Vehicle Initial Cost	<b>D06_07</b> Vehicle Model Year
<b>D06_08</b> Year Miles/Hours Accrued	<b>D06_09</b> Annual Vehicle Hours
<b>D06_10</b> Annual Vehicle Miles	

# VEHICLE INITIAL COST

D06\_06

Data [number]

## Definition

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

**XSD Data Type** *xs:positiveInteger*      **XSD Domain (Simple Type)** *VehicleInitialCost*  
**Multiple Entry Configuration**    Yes, via structure      **Accepts Null Values**    No  
**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 100,000,000  
XSD Structure: (1) Data Elements D06\_01 through D06\_10 are all within the Vehicle Information Structure

## Field Values

A unique value; no variable list is possible.

## Uses

- Provides description of EMS agencies and resources

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D06_01</b> Unit/Vehicle Number
<b>D06_03</b> Vehicle Type	<b>D06_04</b> State Certification/Licensure Levels
<b>D06_05</b> Number Of Each Personnel Level on the Vehicle Crew	<b>D06_07</b> Vehicle Model Year
<b>D06_08</b> Year Miles/Hours Accrued	<b>D06_09</b> Annual Vehicle Hours
<b>D06_10</b> Annual Vehicle Miles	

# VEHICLE MODEL YEAR

D06\_07

**Data** [number]

## Definition

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

**XSD Data Type** *xs:gYear*      **XSD Domain (Simple Type)** *VehicleYear*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 1,900      **Maximum Constraint** 2,030  
XSD Structure: (1) Data Elements D06\_01 through D06\_10 are all within the Vehicle Information Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Format [YYYY]

## Uses

- Provides description of EMS agencies and resources

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D06_01</b> Unit/Vehicle Number
<b>D06_03</b> Vehicle Type	<b>D06_04</b> State Certification/Licensure Levels
<b>D06_05</b> Number Of Each Personnel Level on the Vehicle Crew	<b>D06_06</b> Vehicle Initial Cost
<b>D06_08</b> Year Miles/Hours Accrued	<b>D06_09</b> Annual Vehicle Hours
<b>D06_10</b> Annual Vehicle Miles	

# YEAR MILES/HOURS ACCRUED

D06\_08

**Data** [date/time]

## Definition

The year the Hours and miles were accumulated

**XSD Data Type** *xs:gYear*

**XSD Domain (Simple Type)** *VehicleYear*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 1,900 **Maximum Constraint** 2,030

XSD Structure: (1) Data Elements D06\_01 through D06\_10 are all within the Vehicle Information Structure. (2) D06\_08, D06\_09, and D06\_10 are all members of D06\_08\_0 Vehicle Miles/Hours Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple entry configuration to allow multiple years of data to be collected over time using Year Miles/Hours Accrued (D06\_08), Annual Vehicle Hours (D06\_09) and Annual Vehicle Miles (D06\_10)
- Used to identify the use of EMS vehicles over time.

## Uses

- Provides description of EMS agencies and resources

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D06\_01** Unit/Vehicle Number

**D06\_03** Vehicle Type

**D06\_04** State Certification/Licensure Levels

**D06\_05** Number Of Each Personnel Level on the Vehicle Crew

**D06\_06** Vehicle Initial Cost

**D06\_07** Vehicle Model Year

**D06\_09** Annual Vehicle Hours

**D06\_10** Annual Vehicle Miles



# ANNUAL VEHICLE HOURS

D06\_09

Data [number]

## Definition

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

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

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

**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 10,000

XSD Structure: (1) Data Elements D06\_01 through D06\_10 are all within the Vehicle Information Structure. (2) D06\_08, D06\_09, and D06\_10 are all members of D06\_08\_0 Vehicle Miles/Hours Structure

## Field Values

A unique value; no variable list is possible.

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

## Additional Information

- Depending on the vehicles measurement system, hours (D06\_09) or miles (D06\_10) should be provided as appropriate
- Used to identify the use of EMS vehicles over time.

## Uses

- Provides description of EMS agencies and resources

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D06_01</b> Unit/Vehicle Number
<b>D06_03</b> Vehicle Type	<b>D06_04</b> State Certification/Licensure Levels
<b>D06_05</b> Number Of Each Personnel Level on the Vehicle Crew	<b>D06_06</b> Vehicle Initial Cost
<b>D06_07</b> Vehicle Model Year	<b>D06_08</b> Year Miles/Hours Accrued
<b>D06_10</b> Annual Vehicle Miles	<b>E00</b> Common Null Values

# ANNUAL VEHICLE MILES

D06\_10

Data [number]

## Definition

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

**XSD Data Type** *xs:decimal*

**XSD Domain (Simple Type)** *AnnualOdometerReading*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 1,000,000

XSD Structure: (1) Data Elements D06\_01 through D06\_10 are all within the Vehicle Information Structure. (2) D06\_08, D06\_09, and D06\_10 are all members of D06\_08\_0 Vehicle Miles/Hours Structure

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- Depending on the vehicles measurement system, hours (D06\_09) or miles (D06\_10) should be provided as appropriate
- Used to identify the use of EMS vehicles over time.

## Uses

- Provides description of EMS agencies and resources

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D06\_03** Vehicle Type

**D06\_05** Number Of Each Personnel Level on the Vehicle Crew

**D06\_07** Vehicle Model Year

**D06\_09** Annual Vehicle Hours

**D06\_01** Unit/Vehicle Number

**D06\_04** State Certification/Licensure Levels

**D06\_06** Vehicle Initial Cost

**D06\_08** Year Miles/Hours Accrued

**E00** Common Null Values

# *Agency Personnel Information*

# PERSONNEL'S AGENCY ID NUMBER

D07\_01

**Data** [text]

## Definition

Local agency ID number for personnel

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

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D07_02</b> State/Licensure ID Number
<b>D07_03</b> Personnel's Employment Status	<b>D07_04</b> Employment Status Date
<b>D07_05</b> Personnel's Level of Certification/Licensure for Agency	<b>D07_06</b> Date of Personnel's Certification or Licensure for Agency

## References in NHTSA Version 1

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

# STATE/LICENSURE ID NUMBER

D07\_02

Data [text]

## Definition

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

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

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

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

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- This could be used to configure a list box which will display all of the values of an EMS Personnel's Name recorded in D08\_01 through D08\_03

## Uses

- Allows data to be sorted or grouped based on an Individual's State ID
- Used to create a list box for Crew Member ID (E04\_01), Medication Crew Member ID (E18\_09), Procedure Crew Member ID (E19\_09), and Who Generated this Report (E23\_10)

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D07_01</b> Personnel's Agency ID Number
<b>D07_03</b> Personnel's Employment Status	<b>D07_04</b> Employment Status Date
<b>D07_05</b> Personnel's Level of Certification/Licensure for Agency	<b>D07_06</b> Date of Personnel's Certification or Licensure for Agency
<b>D08_01</b> EMS Personnel's Last Name	

## References in NHTSA Version 1

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

# PERSONNEL'S EMPLOYMENT STATUS

D07\_03

**Data** [combo] single-choice

## Definition

Personnel's Employment Status for this Agency

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

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

**Required in XSD** No

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D07\_03 and D07\_04 are members of D07\_03\_0 Employment Status Structure

## Field Values

**7490** Full Time Paid Employee

**7500** Full Time Unpaid Employee

**7510** Part Time Paid and Part Time Unpaid Employee

**7520** Part Time Paid Employee

**7530** Part Time Unpaid Employee

**7535** No Longer Employed By Service

## Additional Information

- Multiple entry configuration associated with Employment Status Date (D07\_04)

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D07\_01** Personnel's Agency ID Number

**D07\_02** State/Licensure ID Number

**D07\_04** Employment Status Date

**D07\_05** Personnel's Level of Certification/Licensure for Agency

**D07\_06** Date of Personnel's Certification or Licensure for Agency

# EMPLOYMENT STATUS DATE

D07\_04

**Data** [date/time]

## Definition

The date that the employee status was assigned

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

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D07\_03 and D07\_04 are members of D07\_03\_0 Employment Status Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Used to identify the effective date of the status

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D07_01</b> Personnel's Agency ID Number
<b>D07_02</b> State/Licensure ID Number	<b>D07_03</b> Personnel's Employment Status
<b>D07_05</b> Personnel's Level of Certification/Licensure for Agency	<b>D07_06</b> Date of Personnel's Certification or Licensure for Agency

# PERSONNEL'S LEVEL OF CERTIFICATION/LICENSURE FOR AGENCY

D07\_05

**Data** [combo] single-choice

## Definition

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

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

**Multiple Entry Configuration** Yes, for Structures 1 and 3      **Accepts Null Values** No

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

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D07\_05 and D07\_06 are members of D07\_05\_0 Level of Certification Structure

## Field Values

<b>6090</b> EMT-Basic	<b>6100</b> EMT-Intermediate
<b>6110</b> EMT-Paramedic	<b>6111</b> Nurse
<b>6112</b> Physician	<b>6120</b> First Responder

## Additional Information

- Multiple entry configuration for each Personnel's Agency ID Number (D07\_01) and associated with the Date of Personnel's Certification or Licensure for Agency (D07\_06)
- Other variables as defined in State Certification/ Licensure Level (D04\_01)

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D07_01</b> Personnel's Agency ID Number
<b>D07_02</b> State/Licensure ID Number	<b>D07_03</b> Personnel's Employment Status
<b>D07_04</b> Employment Status Date	<b>D07_06</b> Date of Personnel's Certification or Licensure for Agency



# DATE OF PERSONNEL'S CERTIFICATION OR LICENSURE FOR AGENCY

D07\_06

**Data** [date/time]

## Definition

The date that the Certification/Licensure was achieved

**XSD Data Type** *xs:date*

**XSD Domain (Simple Type)** *Date*

**Multiple Entry Configuration** Yes, for Structures 1 and 3 **Accepts Null Values** No

**Required in XSD** No **Minimum Constraint** 1,920 **Maximum Constraint** 2,030

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D07\_05 and D07\_06 are members of D07\_05\_0 Level of Certification Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Used to identify the year the Certification was achieved

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D07\_02** State/Licensure ID Number

**D07\_04** Employment Status Date

**D07\_01** Personnel's Agency ID Number

**D07\_03** Personnel's Employment Status

**D07\_05** Personnel's Level of Certification/Licensure for Agency

# *General Personnel Information*

# EMS PERSONNEL'S LAST NAME

D08\_01

**Data** [text]

## Definition

Last Name of personnel

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

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

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

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_01, D08\_02, and D08\_02 are members of D08\_01\_0 Personnel Name Structure

## Field Values

A unique value; no variable list is possible.

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D07\_02** State/Licensure ID Number

**D08\_02** EMS Personnel's Middle Name/Initial

**D08\_03** EMS Personnel's First Name

# EMS PERSONNEL'S MIDDLE NAME/INITIAL

D08\_02

**Data** [text]

## Definition

Middle name or initial of personnel

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *MiddleInitialName*

**Multiple Entry Configuration** Yes, via structure 2

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 20

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_01, D08\_02, and D08\_02 are members of D08\_01\_0 Personnel Name Structure

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D07\_02** State/Licensure ID Number

**D08\_01** EMS Personnel's Last Name

**D08\_03** EMS Personnel's First Name

**E00** Common Null Values

# EMS PERSONNEL'S FIRST NAME

D08\_03

Data [text]

## Definition

First name of personnel

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *FirstName*

**Multiple Entry Configuration** Yes, via structure 2

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 20

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_01, D08\_02, and D08\_02 are members of D08\_01\_0 Personnel Name Structure

## Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D07\_02** State/Licensure ID Number

**D08\_01** EMS Personnel's Last Name

**D08\_02** EMS Personnel's Middle Name/Initial

**E00** Common Null Values

# EMS PERSONNEL'S MAILING ADDRESS

D08\_04

Data [text]

## Definition

Street or PO Box of the personnel's mailing address

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

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_04, D08\_05, D08\_06, D08\_07 are members of D08\_04\_0 Personnel's Address Structure

## Field Values

A unique value; no variable list is possible.

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

## Uses

- Component of the EMS Personnel's Contact Information/ Address

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D07_02</b> State/Licensure ID Number
<b>D08_01</b> EMS Personnel's Last Name	<b>D08_05</b> EMS Personnel's City of Residence
<b>D08_06</b> EMS Personnel's State	<b>D08_07</b> EMS Personnel's Zip Code
<b>E00</b> Common Null Values	

# EMS PERSONNEL'S CITY OF RESIDENCE

D08\_05

**Data** [combo] single-choice

## Definition

City of personnel's mailing address

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *City*

**Multiple Entry Configuration** Yes, via structure 2

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_04, D08\_05, D08\_06, D08\_07 are members of D08\_04\_0 Personnel's Address Structure

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- 5 digit FIPS code
- Could be filled in from EMS Personnel's Zip Code entry (D08\_07)

## Uses

- Component of the EMS Personnel's Contact Information/ Address

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D08\_01** EMS Personnel's Last Name

**D08\_06** EMS Personnel's State

**E00** Common Null Values

**D07\_02** State/Licensure ID Number

**D08\_04** EMS Personnel's Mailing Address

**D08\_07** EMS Personnel's Zip Code

**Data** [combo] single-choice

## Definition

State of personnel's mailing address

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *State*

**Multiple Entry Configuration** Yes, via structure 2

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 3

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_04, D08\_05, D08\_06, D08\_07 are members of D08\_04\_0 Personnel's Address Structure

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from EMS Personnel's Zip Code entry (D08\_07)

## Uses

- Component of the EMS Personnel's Contact Information/ Address

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D08\_01** EMS Personnel's Last Name

**D08\_05** EMS Personnel's City of Residence

**E00** Common Null Values

**D07\_02** State/Licensure ID Number

**D08\_04** EMS Personnel's Mailing Address

**D08\_07** EMS Personnel's Zip Code



# EMS PERSONNEL'S ZIP CODE

D08\_07

Data [text]

## Definition

ZIP code of personnel's mailing address

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *DemographicZip*  
**Multiple Entry Configuration**    Yes, via structure 2      **Accepts Null Values**      No

**Required in XSD** No

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_04, D08\_05, D08\_06, D08\_07 are members of D08\_04\_0 Personnel's Address Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Can be a 5 or 9 digit Zip Code

## Uses

- Component of the EMS Personnel's Contact Information/ Address

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D07_02</b> State/Licensure ID Number
<b>D08_01</b> EMS Personnel's Last Name	<b>D08_04</b> EMS Personnel's Mailing Address
<b>D08_05</b> EMS Personnel's City of Residence	<b>D08_06</b> EMS Personnel's State

# EMS PERSONNEL'S WORK TELEPHONE

D08\_08

**Data** [text]

## Definition

Work phone number of the personnel

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

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

**Required in XSD**    No                      **Minimum Constraint**    2                      **Maximum Constraint**    10

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- 10 digit telephone number

## Uses

- Component of the EMS Personnel's Contact Information/ Address

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D08\_01** EMS Personnel's Last Name

**D07\_02** State/Licensure ID Number

**E00** Common Null Values

# EMS PERSONNEL'S HOME TELEPHONE

D08\_09

Data [text]

## Definition

Home phone number of the personnel

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

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

**Required in XSD**    No      **Minimum Constraint**    2      **Maximum Constraint**    10

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- 10 digit telephone number

## Uses

- Component of the EMS Personnel's Contact Information/ Address

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D08\_01** EMS Personnel's Last Name

**D07\_02** State/Licensure ID Number

**E00** Common Null Values

# EMS PERSONNEL'S EMAIL ADDRESS

D08\_10

**Data** [text]

## Definition

Primary email address of the personnel

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *EmailAddress*

**Multiple Entry Configuration** Yes, via structure 2

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 100

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure

## Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Uses

- Component of the EMS Personnel's Contact Information/ Address

## Data 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** [date]

## Definition

The EMS personnel's date of birth.

**XSD Data Type** *xs:date*

**XSD Domain (Simple Type)** *DateOfBirth*

**Multiple Entry Configuration** Yes, via structure 2

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 1,890 **Maximum Constraint** 2,030

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure

## Field Values

A unique value; no variable list is possible.

## Uses

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

## Data Collector

- EMS Agency and typically only documented once and verified yearly

## Other Associated Elements

**D01\_01** EMS Agency Number

**D07\_02** State/Licensure ID Number

**D08\_01** EMS Personnel's Last Name

# EMS PERSONNEL'S GENDER

D08\_12

**Data** [combo] single-choice

## Definition

The EMS personnel's gender

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *DemographicGender*

**Multiple Entry Configuration** Yes, via structure 2

**Accepts Null Values** No

**Required in XSD** No

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-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** [combo] single-choice

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *DemographicRace*

**Multiple Entry Configuration** Yes, via structure 2

**Accepts Null Values** No

**Required in XSD** No

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure

## Field Values

**660** American Indian or Alaska Native

**665** Asian

**670** Black or African American

**675** Native Hawaiian or Other Pacific Islander

**680** White

**685** Other Race

## Uses

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

## Data Collector

- EMS Agency and typically only documented once and verified yearly

## Other Associated Elements

**D01\_01** EMS Agency Number

**D07\_02** State/Licensure ID Number

**D08\_01** EMS Personnel's Last Name

# EMS PERSONNEL'S ETHNICITY

D08\_14

**Data** [combo] single-choice

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *DemographicEthnicity*

**Multiple Entry Configuration** Yes, via structure 2

**Accepts Null Values** No

**Required in XSD** No

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure

## Field Values

**690** Hispanic or Latino

**695** Not Hispanic or Latino

## Uses

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

## Data Collector

- EMS Agency and typically only documented once and verified yearly

## Other Associated Elements

**D01\_01** EMS Agency Number

**D07\_02** State/Licensure ID Number

**D08\_01** EMS Personnel's Last Name



# STATE EMS CERTIFICATION LICENSURE LEVEL

D08\_15

**Data** [combo] single-choice

## Definition

The personnel's State EMS Certification level

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

**Multiple Entry Configuration** Yes, via structure 2 and 3      **Accepts Null Values** No

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

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_15, D08\_16, D08\_17, and D08\_19 are all members of D08\_15\_0 State Certification Levels Structure

## Field Values

<b>6090</b> EMT-Basic	<b>6100</b> EMT-Intermediate
<b>6110</b> EMT-Paramedic	<b>6111</b> Nurse
<b>6112</b> Physician	<b>6120</b> First Responder

## Additional Information

- Multiple entry configuration to allow multiple levels for each personnel over time
- Other variables as defined in State Certification/ Licensure Level (D04\_01)

## Uses

- Allows data to be sorted or grouped based on an Individual's Credentialed Level
- Provides description of EMS agencies based on credentialing levels recognized by the state

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D07_02</b> State/Licensure ID Number
<b>D08_01</b> EMS Personnel's Last Name	<b>D08_16</b> National Registry Credentialed
<b>D08_17</b> State EMS Current Certification Date	<b>D08_18</b> Initial State Certification Date

**Data** [combo] single-choice

## Definition

Indication of National Registry Credential for the level of Certification/Licensure in D08\_15

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *YesNoValues*  
**Multiple Entry Configuration** Yes, via structure 2 and 3      **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_15, D08\_16, D08\_17, and D08\_19 are all members of D08\_15\_0 State Certification Levels Structure

## Field Values

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

<b>D01_01</b> EMS Agency Number	<b>D07_02</b> State/Licensure ID Number
<b>D08_01</b> EMS Personnel's Last Name	<b>D08_15</b> State EMS Certification Licensure Level
<b>D08_17</b> State EMS Current Certification Date	<b>D08_18</b> Initial State Certification Date
<b>E00</b> Common Null Values	

# STATE EMS CURRENT CERTIFICATION DATE

D08\_17

**Data** [date/time]

## Definition

The date of the personnel's current certification.

**XSD Data Type** *xs:date*

**XSD Domain (Simple Type)** *Date*

**Multiple Entry Configuration** Yes, via structure 2 and 3 **Accepts Null Values** No

**Required in XSD** No **Minimum Constraint** 1,920 **Maximum Constraint** 2,030

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_15, D08\_16, D08\_17, and D08\_19 are all members of D08\_15\_0 State Certification Levels Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**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

# INITIAL STATE CERTIFICATION DATE

D08\_18

**Data** [date/time]

## Definition

The certification date of personnel's current State certification

**XSD Data Type** *xs:date*

**XSD Domain (Simple Type)** *Date*

**Multiple Entry Configuration** Yes, via structure 2 and 3 **Accepts Null Values** No

**Required in XSD** No **Minimum Constraint** 1,920 **Maximum Constraint** 2,030

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_15, D08\_16, D08\_17, and D08\_19 are all members of D08\_15\_0 State Certification Levels Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**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 [number]

## Definition

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

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

**Multiple Entry Configuration** Yes, via structure 2 and 3      **Accepts Null Values** No

**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 100

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_19, and D08\_20 are all members of D08\_19\_0 Length of Service Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**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** [date/time]

## Definition

The date which the length of EMS service was documented

**XSD Data Type** *xs:date*

**XSD Domain (Simple Type)** *Date*

**Multiple Entry Configuration** Yes, via structure 2 and 3 **Accepts Null Values** No

**Required in XSD** No **Minimum Constraint** 1,920 **Maximum Constraint** 2,030

XSD Structure: (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure. (3) D08\_19, and D08\_20 are all members of D08\_19\_0 Length of Service Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Format [MMDDYYYY]

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D07\_02** State/Licensure ID Number

**D08\_19** Total Length of Service

# *Medical Device Information*

# DEVICE SERIAL NUMBER

D09\_01

**Data** [text]

## Definition

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

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

XSD Structure: All data elements in Section D09 are associated with D09\_01 Device Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple entry configuration to allow multiple Medical Devices to be entered (D09\_01 through D09\_05)

## Uses

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

## Data Collector

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

## Other Associated Elements

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



# DEVICE NAME OR ID

D09\_02

**Data** [text]

## Definition

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

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *DeviceNameOrID*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    **No**  
**Required in XSD** **No**                      **Minimum Constraint** **2**                      **Maximum Constraint** **50**  
XSD Structure: All data elements in Section D09 are associated with D09\_01 Device Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple entry configuration to allow multiple Medical Devices to be entered (D09\_01 through D09\_05)

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D09_01</b> Device Serial Number
<b>D09_03</b> Device Manufacturer	<b>D09_04</b> Model Number
<b>D09_05</b> Device Purchase Date	

# DEVICE MANUFACTURER

D09\_03

Data [text]

## Definition

The manufacturer of the medical device

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *DeviceManufacturer*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    **No**  
**Required in XSD** **No**                      **Minimum Constraint** **2**                      **Maximum Constraint** **50**  
XSD Structure: All data elements in Section D09 are associated with D09\_01 Device Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple entry configuration to allow multiple Medical Devices to be entered (D09\_01 through D09\_05)

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D09_01</b> Device Serial Number
<b>D09_02</b> Device Name or ID	<b>D09_04</b> Model Number
<b>D09_05</b> Device Purchase Date	

# MODEL NUMBER

D09\_04

Data [text]

## Definition

The specific manufacturer's model number associated with medical device

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *ModelNumber*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    No  
**Required in XSD** No                      **Minimum Constraint** 2                      **Maximum Constraint** 50  
XSD Structure: All data elements in Section D09 are associated with D09\_01 Device Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple entry configuration to allow multiple Medical Devices to be entered (D09\_01 through D09\_05)

## Uses

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

## Data Collector

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

## Other Associated Elements

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

# DEVICE PURCHASE DATE

D09\_05

**Data** [date/time]

## Definition

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

**XSD Data Type** *xs:date*

**XSD Domain (Simple Type)** *Date*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** No

**Required in XSD** No

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

XSD Structure: All data elements in Section D09 are associated with D09\_01 Device Structure

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Format [MMDDYYYY]
- Multiple entry configuration to allow multiple Medical Devices to be entered (D09\_01 through D09\_05)

## Uses

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

## Data Collector

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

## Other Associated Elements

**D01\_01** EMS Agency Number

**D09\_01** Device Serial Number

**D09\_02** Device Name or ID

**D09\_03** Device Manufacturer

**D09\_04** Model Number

# *Common EMS Values*

# COMMON NULL VALUES

E00

**Data** [combo] single-choice

## Definition

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

## Field Values

-25 Not Applicable	-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*

# PATIENT CARE REPORT NUMBER

E01\_01

Data [text]

*National Element*

## Definition

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

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



**Data** [text]

*National Element*

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *SoftwareCreatedBy*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

**Minimum Constraint** 3

**Maximum Constraint** 30

## Field Values

A unique value; no variable list is possible.

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

# SOFTWARE NAME

E01\_03

Data [text]

*National Element*

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *SoftwareName*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

**Minimum Constraint** 3

**Maximum Constraint** 30

## Field Values

A unique value; no variable list is possible.

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

# SOFTWARE VERSION

E01\_04

**Data** [text]

*National Element*

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *SoftwareVersion*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

**Minimum Constraint** 3

**Maximum Constraint** 30

## Field Values

A unique value; no variable list is possible.

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

# *Unit/ Agency Information*

# EMS AGENCY NUMBER

E02\_01

Data [text]

*National Element*

## Definition

The state-assigned provider number of the responding agency

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *EMSAgencyNumber*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

**Minimum Constraint** 3

**Maximum Constraint** 15

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Not Nullable. A unique value must be provided to create a unique record ID within a database
- Same as EMS Agency Number (D01\_01)

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Agency number (E02\_01), agency state (D01\_03), unit call sign (E02\_12), patient number (E01\_01) and date (E05\_04) combine to create a unique identifier
- Allows data to be sorted by the EMS Agency
- Important for grouping and comparing EMS Agencies in Benchmarking and Quality Management
- When linked to D01\_02 provides the Agency name on the EMS Medical Record: Patient Care Report

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References to Other Databases

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

# INCIDENT NUMBER

E02\_02

**Data** [text]

## Definition

The incident number assigned by the 911 Dispatch System

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

## Field Values

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

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
-------------------------------	--

## References in NHTSA Version 1

Essential Element 21 Incident Number

## References to Other Databases

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

# EMS UNIT (VEHICLE) RESPONSE NUMBER

E02\_03

Data [text]

## Definition

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

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

## Field Values

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

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
-------------------------------	--

## References in NHTSA Version 1

Essential Element 22 Response Number

# TYPE OF SERVICE REQUESTED

E02\_04

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *TypeOfServiceRequested*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

## Field Values

**30** 911 Response (Scene)

**35** Intercept

**40** Interfacility Transfer

**45** Medical Transport

**50** Mutual Aid

**55** Standby

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 20 Service Type



# PRIMARY ROLE OF THE UNIT

E02\_05

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PrimaryRollOfTheUnit*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

## Field Values

**60** Non-Transport

**65** Rescue

**70** Supervisor

**75** Transport

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

# TYPE OF DISPATCH DELAY

E02\_06

**Data** [combo] multiple-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *TypeOfDispatchDelay*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

**-25** Not Applicable

**-15** Not Reporting

**-5** Not Available

**85** High Call Volume

**95** Location (Inability to Obtain)

**105** None

**115** Scene Safety (Not Secure for EMS)

**-20** Not Recorded

**-10** Not Known

**80** Caller (Uncooperative)

**90** Language Barrier

**100** No Units Available

**110** Other

**120** Technical Failure (Computer, Phone etc.)

## Uses

- Allows data to describe the status of Dispatch issues

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

# TYPE OF RESPONSE DELAY

E02\_07

**Data** [combo] multiple-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *TypeOfResponseDelay*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-15 Not Reporting

-5 Not Available

130 Directions

140 Diversion

150 None

160 Safety

170 Traffic

180 Vehicle Failure

-20 Not Recorded

-10 Not Known

125 Crowd

135 Distance

145 HazMat

155 Other

165 Staff Delay

175 Vehicle Crash

185 Weather

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

# TYPE OF SCENE DELAY

E02\_08

**Data** [combo] multiple-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *TypeOfSceneDelay*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-15 Not Reporting

-5 Not Available

195 Directions

205 Diversion

215 HazMat

225 None

235 Safety

245 Traffic

255 Vehicle Failure

-20 Not Recorded

-10 Not Known

190 Crowd

200 Distance

210 Extrication >20 min.

220 Language Barrier

230 Other

240 Staff Delay

250 Vehicle Crash

260 Weather

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

# TYPE OF TRANSPORT DELAY

E02\_09

**Data** [combo] multiple-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *TypeOfTransportDelay*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-15 Not Reporting

-5 Not Available

270 Directions

280 Diversion

290 None

300 Safety

310 Traffic

320 Vehicle Failure

-20 Not Recorded

-10 Not Known

265 Crowd

275 Distance

285 HazMat

295 Other

305 Staff Delay

315 Vehicle Crash

325 Weather

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

# TYPE OF TURN-AROUND DELAY

E02\_10

**Data** [combo] multiple-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *TypeOfTurnAroundDelay*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-15 Not Reporting

-5 Not Available

335 Decontamination

345 ED Overcrowding

355 Equipment Replenishment

365 Other

375 Vehicle Failure

-20 Not Recorded

-10 Not Known

330 Clean-up

340 Documentation

350 Equipment Failure

360 None

370 Staff Delay

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# EMS UNIT/VEHICLE NUMBER

E02\_11

**Data** [combo] single-choice

## Definition

The unique physical vehicle number of the responding unit

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

## Field Values

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

## Additional Information

- List box created from EMS Unit/Vehicle Number (D06\_01)

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data at the vehicle level to better describe EMS vehicle usage and possibly maintenance
- Important for grouping or comparing data by Response Vehicle which also allows data to be sorted by location in many agencies

## Data Collector

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

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
-------------------------------	--

## References in NHTSA Version 1

Essential Element 24 Agency/Unit Number

# EMS UNIT CALL SIGN (RADIO NUMBER)

E02\_12

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *EMSUnitCallSign*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

**Minimum Constraint** 2

**Maximum Constraint** 15

## Field Values

## Additional Information

- List box created from Unit Call Sign (D04\_02)
- Not Nullable. A unique value must be provided to create a unique record ID within a database

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number



# VEHICLE DISPATCH LOCATION

E02\_13

**Data** [combo] single-choice

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *VehicleDispatchLocation*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 30

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- List box could be created from Station Name (D05\_01), Hospitals Served (D04\_11), and Other Destinations (D04\_13)

## Uses

- Important for grouping or comparing data by dispatch location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response patterns and times for agency configuration and evaluation

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References to Other Databases

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

# VEHICLE DISPATCH ZONE

E02\_14

**Data** [combo] single-choice

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *ZoneNumber*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 30

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- List box created from Zones (D04\_03)

## Uses

- Important for grouping or comparing data by dispatch location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response patterns and times for agency configuration and evaluation

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# VEHICLE DISPATCH GPS LOCATION

E02\_15

**Data** [text]

## Definition

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

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

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

## Field Values

## Uses

- Important for grouping or comparing data by dispatch location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response patterns and times for agency configuration and evaluation

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

# BEGINNING ODOMETER READING OF RESPONDING VEHICLE

E02\_16

**Data** [number]

## Definition

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

**XSD Data Type** *xs:decimal*

**XSD Domain (Simple Type)** *OdometerReading*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 1,000,000

## Field Values

## Additional Information

- Number recorded with one digit to the right of decimal

## Uses

- Important for EMS billing
- Important for grouping or comparing data by dispatch location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response patterns and times for agency configuration and evaluation

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

# ON-SCENE ODOMETER READING OF RESPONDING VEHICLE

E02\_17

**Data** [number]

## Definition

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

**XSD Data Type** *xs:decimal*

**XSD Domain (Simple Type)** *OdometerReading*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 1,000,000

## Field Values

## Additional Information

- Number recorded with one digit to the right of decimal

## Uses

- Important for EMS billing
- Important for grouping or comparing data by dispatch location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response patterns and times for agency configuration and evaluation

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

# PATIENT DESTINATION ODOMETER READING OF RESPONDING VEHICLE

E02\_18

Data [number]

## Definition

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

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

## Field Values

## Additional Information

- Number recorded with one digit to the right of decimal

## Uses

- Important for EMS billing
- Important for grouping or comparing data by dispatch location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response patterns and times for agency configuration and evaluation

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

# ENDING ODOMETER READING OF RESPONDING VEHICLE

E02\_19

**Data** [number]

## Definition

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

**XSD Data Type** *xs:decimal*

**XSD Domain (Simple Type)** *OdometerReading*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 1,000,000

## Field Values

## Additional Information

- Number recorded with one digit to the right of decimal

## Uses

- Important for EMS billing
- Important for grouping or comparing data by dispatch location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response patterns and times for agency configuration and evaluation

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

# RESPONSE MODE TO SCENE

E02\_20

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *ResponseModeToScene*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

## Field Values

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

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

**390** Lights and Sirens

**395** No Lights or Sirens

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 19 Lights and Sirens to Scene



# *Unit/ Call Information*

# COMPLAINT REPORTED BY DISPATCH

E03\_01

Data [combo] single-choice

*National Element*

## Definition

The complaint dispatch reported to the responding unit.

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

## Field Values

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values      **E01\_01** Patient Care Report Number

## References to Other Databases

NHTSA EMD Data Elements      Chief Complaint Types

# EMD PERFORMED

E03\_02

**Data** [combo] single-choice

*National Element*

## Definition

Indication of whether EMD was performed for this EMS event.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *EMDPerformed*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

**-25** Not Applicable

**-20** Not Recorded

**-15** Not Reporting

**-10** Not Known

**-5** Not Available

**0** No

**570** Yes, With Pre-Arrival Instructions

**575** Yes, Without Pre-Arrival Instructions

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# EMD CARD NUMBER

E03\_03

Data [text]

## Definition

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

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

## Field Values

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

## 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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
-------------------------------	--

# *Unit/ Personnel Information*

# CREW MEMBER ID

E04\_01

**Data** [text]

## Definition

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

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *CrewMemberID*  
**Multiple Entry Configuration**    Yes, via structure      **Accepts Null Values**    Yes  
**Required in XSD**    No      **Minimum Constraint**    2      **Maximum Constraint**    15

XSD Structure: E04\_01, E04\_02, E04\_03 are all members of the E04 Unit Personnel Information structure

## Field Values

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

## Additional Information

- A multiple entry configuration to allow all crew members to be entered
- Linked to State/Licensure ID Number (D07\_02)
- List box created from the State/ Licensure ID Number (D07\_02) which could display the Personnel's Names as associated with D08\_01, D08\_02, and D08\_03 for easy data entry

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E04_02</b> Crew Member Role	<b>E04_03</b> Crew Member Level

## References in NHTSA Version 1

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

# CREW MEMBER ROLE

E04\_02

**Data** [combo] single-choice

## Definition

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

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *CrewMemberRole*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: E04\_01, E04\_02, E04\_03 are all members of the E04 Unit Personnel Information structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

580 Driver

585 Primary Patient Caregiver

590 Secondary Patient Caregiver

595 Third Patient Caregiver

600 Other

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E04\_01** Crew Member ID

**E04\_03** Crew Member Level

# CREW MEMBER LEVEL

E04\_03

Data [combo] single-choice

## Definition

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

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

**Required in XSD** No

XSD Structure: E04\_01, E04\_02, E04\_03 are all members of the E04 Unit Personnel Information structure

## Field Values

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

## Additional Information

- Could be auto-filled using Crew Member ID (E04\_01) and connecting to State/ Licensure ID Number (D07\_02) to obtain Personnel's Highest Level of Certification/ Licensure for Agency (D07\_05)
- This list can be edited by each state to account for additional certification/ licensure levels as defined in (D04\_01) and Personnel's Highest Level of Certification/ Licensure for the Agency (D07\_05)

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E04_01</b> Crew Member ID	<b>E04_02</b> Crew Member Role

## References in NHTSA Version 1

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

## References to Other Databases

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



# *Times*

# INCIDENT OR ONSET DATE/TIME

E05\_01

**Data** [date/time]

## Definition

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

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No

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

**Required in XSD** No

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

## Field Values

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 06 Onset Date

Desirable Element 07 Onset Time

## References to Other Databases

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

# PSAP CALL DATE/TIME

E05\_02

**Data** [date/time]

*National Element*

## Definition

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

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No  
empty

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

**Required in XSD** Yes

**Minimum Constraint** 1,990

**Maximum Constraint** 2,030

## Field Values

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 08 Date Incident Reported

Essential Element 09 Time Incident Reported

## References to Other Databases

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

# DISPATCH NOTIFIED DATE/TIME

E05\_03

**Data** [date/time]

## Definition

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

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No

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

**Required in XSD** No

**Minimum Constraint** 1,990

**Maximum Constraint** 2,030

## Field Values

## Additional Information

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

## Uses

- Provides information on how EMS requests are progressing through the PSAP and Dispatch Centers
- Used in the Quality Management evaluation of the PSAP and Dispatch Centers

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 10 Time Dispatch Notified

# UNIT NOTIFIED BY DISPATCH DATE/TIME

E05\_04

**Data** [date/time]

*National Element*

## Definition

The date the responding unit was notified by dispatch

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** Yes

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

## Field Values

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 11 Date Unit Notified

Essential Element 12 Time Unit Notified

# UNIT EN ROUTE DATE/TIME

E05\_05

**Data** [date/time]

*National Element*

## Definition

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

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No

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

**Required in XSD** Yes

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

## Field Values

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 13 Time Unit Responding

# UNIT ARRIVED ON SCENE DATE/TIME

E05\_06

**Data** [date/time]

*National Element*

## Definition

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

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No

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

**Required in XSD** Yes

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

## Field Values

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 14 Time of Arrival at Scene

# ARRIVED AT PATIENT DATE/TIME

E05\_07

**Data** [date/time]

*National Element*

## Definition

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

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No  
empty

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

**Required in XSD** Yes

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

## Field Values

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 15 Time of Arrival at Patient

## References to Other Databases

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



# TRANSFER OF PATIENT CARE DATE/TIME

E05\_08

**Data** [date/time]

## Definition

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

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No

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

**Required in XSD** No

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

## Field Values

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References to Other Databases

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

# UNIT LEFT SCENE DATE/TIME

E05\_09

**Data** [date/time]

*National Element*

## Definition

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

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No

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

**Required in XSD** Yes

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

## Field Values

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 16 Time Unit Left Scene

# PATIENT ARRIVED AT DESTINATION DATE/TIME

E05\_10

**Data** [date/time]

*National Element*

## Definition

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

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No

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

**Required in XSD** Yes

**Minimum Constraint** 1,990

**Maximum Constraint** 2,030

## Field Values

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 17 Time of Arrival at Destination

# UNIT BACK IN SERVICE DATE/TIME

E05\_11

Data [date/time]

*National Element*

## Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null Values No

Required in XSD Yes

Minimum Constraint 1,990 Maximum Constraint 2,030

## Field Values

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

E01\_01 Patient Care Report Number

## References in NHTSA Version 1

Essential Element 18 Time Back in Service

# UNIT CANCELLED DATE/TIME

E05\_12

**Data** [date/time]

## Definition

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

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

## Field Values

## Additional Information

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

## Uses

- Allows for reports to be generated better evaluating EMS response and usage patterns

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

# UNIT BACK AT HOME LOCATION DATE/TIME

E05\_13

**Data** [date/time]

*National Element*

## Definition

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

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No

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

**Required in XSD** Yes

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

## Field Values

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

# *Patient*

## LAST NAME

E06\_01

Data [text]

### Definition

The patient's last (family) name

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *LastName*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 20

XSD Structure: E06\_01, E06\_02, and E06\_03 are all members of the E06\_01\_0 Patient Name Structure

### Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

### Additional Information

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

### Uses

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

### Data Collector

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

### Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_02** First Name

**E06\_03** Middle Initial/Name

### References in NHTSA Version 1

Essential Element 32 Patient Name



# FIRST NAME

E06\_02

Data [text]

## Definition

The patient's first (given) name

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *FirstName*  
**Multiple Entry Configuration** No      **Accepts Null Values** Yes  
**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 20  
XSD Structure: E06\_01, E06\_02, and E06\_03 are all members of the E06\_01\_0 Patient Name Structure

## Field Values

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

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E06_01</b> Last Name	<b>E06_03</b> Middle Initial/Name

## References in NHTSA Version 1

Essential Element 32 Patient Name

# MIDDLE INITIAL/NAME

E06\_03

**Data** [text]

## Definition

The patient's middle name, if any

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *MiddleInitialName*  
**Multiple Entry Configuration**    No      **Accepts Null Values**    Yes  
**Required in XSD**    No      **Minimum Constraint**    1      **Maximum Constraint**    20  
XSD Structure: E06\_01, E06\_02, and E06\_03 are all members of the E06\_01\_0 Patient Name Structure

## Field Values

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

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E06_01</b> Last Name	<b>E06_02</b> First Name

## References in NHTSA Version 1

Essential Element 32    Patient Name

# PATIENT'S HOME ADDRESS

E06\_04

Data [text]

## Definition

The patient's home mailing or street address

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *StreetAddress*  
**Multiple Entry Configuration**    No                      **Accepts Null Values**    Yes  
**Required in XSD**    No                      **Minimum Constraint**    2                      **Maximum Constraint**    30  
XSD Structure: E06\_04, E06\_05, E06\_06, E06\_07, E06\_08 are all members of the E06\_04\_0 Patient Address Structure

## Field Values

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

## Uses

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

## Data Collector

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

## Other Associated Elements

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

## References in NHTSA Version 1

Desirable Element 33    Patient Street Address

# PATIENT'S HOME CITY

E06\_05

**Data** [combo] single-choice

## Definition

The patient's home city or township or residence

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *City*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: E06\_04, E06\_05, E06\_07, E06\_08 are all members of the E06\_04\_0 Patient Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- 5 digit FIPS Code
- Could be filled in from Patient's Home Zip (E06\_08)

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

**E06\_04** Patient's Home Address

**E06\_06** Patient's Home County

**E06\_07** Patient's Home State

**E06\_08** Patient's Home Zip Code

## References in NHTSA Version 1

Desirable Element 34 City of Residence

# PATIENT'S HOME COUNTY

E06\_06

**Data** [combo] single-choice

## Definition

The patient's home county or parish or residence

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *County*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 20

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

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

## Uses

- 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

# PATIENT'S HOME STATE

E06\_07

**Data** [combo] single-choice

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *State*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 3

XSD Structure: E06\_04, E06\_05, E06\_06, E06\_07, E06\_08 are all members of the E06\_04\_0 Patient Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Patient's Home Zip (E06\_08)

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

**E06\_04** Patient's Home Address

**E06\_05** Patient's Home City

**E06\_06** Patient's Home County

**E06\_08** Patient's Home Zip Code

## References in NHTSA Version 1

Desirable Element 36 State of Residence

# PATIENT'S HOME ZIP CODE

E06\_08

Data [text]

*National Element*

## Definition

The patient's home ZIP code of residence

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *Zip*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

XSD Structure: E06\_04, E06\_05, E06\_07, E06\_08 are all members of the E06\_04\_0 Patient Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- Can be stored as a 5 or 9 digit code

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

**E06\_04** Patient's Home Address

**E06\_05** Patient's Home City

**E06\_06** Patient's Home County

**E06\_07** Patient's Home State

## References in NHTSA Version 1

Essential Element 37 Zip Code of Residence

# PATIENT'S HOME COUNTRY

E06\_09

**Data** [combo] single-choice

## Definition

The patient's country of citizenship

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *Country*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 20

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- Stored as a FIPS code

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name



# SOCIAL SECURITY NUMBER

E06\_10

**Data** [number]

## Definition

The patient's social security number

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *SocialSecurityNumber*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 9

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Uses

- Key component of an EMS Medical Record

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

## References in NHTSA Version 1

Desirable Element 39 Social Security Number

# GENDER

E06\_11

**Data** [combo] single-choice

*National Element*

## Definition

The patient's gender

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *Gender*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

650 Male

655 Female

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

## References in NHTSA Version 1

Essential Element 42 Gender

## References to Other Databases

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

# RACE

E06\_12

Data [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *Race*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-15 Not Reporting

-5 Not Available

665 Asian

675 Native Hawaiian or Other Pacific Islander

685 Other Race

-20 Not Recorded

-10 Not Known

660 American Indian or Alaska Native

670 Black or African American

680 White

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

## References in NHTSA Version 1

Essential Element 43 Race/Ethnicity

## References to Other Databases

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

# ETHNICITY

E06\_13

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *Ethnicity*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

690 Hispanic or Latino

695 Not Hispanic or Latino

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

## References in NHTSA Version 1

Essential Element 43 Race/Ethnicity

## References to Other Databases

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

# AGE

E06\_14

Data [number]

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *Age*

**Multiple Entry Configuration** No

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

**Required in XSD** Yes

**Minimum Constraint** 1

**Maximum Constraint** 120

XSD Structure: E06\_14 and E06\_15 are members of the E06\_14\_0 Patient's Age Structure

## Field Values

## Additional Information

- Could be calculated from Date of Birth (E06\_16)

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

**E06\_15** Age Units

## References in NHTSA Version 1

Desirable Element 41 Age

## References to Other Databases

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

# AGE UNITS

E06\_15

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *AgeUnits*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

XSD Structure: E06\_14 and E06\_15 are members of the E06\_14\_0 Patient's Age Structure

## Field Values

**-25** Not Applicable

**-20** Not Recorded

**-15** Not Reporting

**-10** Not Known

**-5** Not Available

**700** Hours

**705** Days

**710** Months

**715** Years

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_14** Age

## References in NHTSA Version 1

Desirable Element 41 Age

# DATE OF BIRTH

E06\_16

**Data** [date]

## Definition

The patient's date of birth

**XSD Data Type** *xs:date*

**XSD Domain (Simple Type)** *DateOfBirth*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 1,890 **Maximum Constraint** 2,030

## Field Values

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

## References in NHTSA Version 1

Essential Element 40 Date of Birth

## References to Other Databases

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

# PRIMARY OR HOME TELEPHONE NUMBER

E06\_17

**Data** [text]

## Definition

The patient's home or primary telephone number

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

## Field Values

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

## Additional Information

- 10 digit telephone number

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E06_01</b> Last Name	

## References in NHTSA Version 1

Desirable Element 38 Telephone Number



# STATE ISSUING DRIVER'S LICENSE

E06\_18

**Data** [combo] single-choice

## Definition

The state that issued the driver's license

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *State*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 3

XSD Structure: E06\_18 and E06\_19 are members of the E06\_19\_0 Patient's Drivers License Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- 2 digit FIPS Code

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

**E06\_19** Driver's License Number

# DRIVER'S LICENSE NUMBER

E06\_19

Data [text]

## Definition

The patient's driver's license number

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *DriversLicenseNumber*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 30

XSD Structure: E06\_18 and E06\_19 are members of the E06\_19\_0 Patient's Drivers License Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

**E06\_18** State Issuing Driver's License

# *Billing*

# PRIMARY METHOD OF PAYMENT

E07\_01

**Data** [combo] single-choice

*National Element*

## Definition

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

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	720 Insurance
725 Medicaid	730 Medicare
735 Not Billed (for any reason)	740 Other Government
745 Self Pay	750 Workers Compensation

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number  
**E06\_01**    Last Name

# CERTIFICATE OF MEDICAL NECESSITY

E07\_02

**Data** [combo] single-choice

## Definition

Indication of whether a certificate of medical necessity is present

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *YesNoValues*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

0 No

1 Yes

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

**Data** [text]

## Definition

The ID number of the patient's insurance company

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

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

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

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

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

## 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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E06_01</b> Last Name	<b>E07_04</b> Insurance Company Billing Priority
<b>E07_05</b> Insurance Company Address	<b>E07_06</b> Insurance Company City
<b>E07_07</b> Insurance Company State	<b>E07_08</b> Insurance Company Zip Code
<b>E07_09</b> Insurance Group ID/Name	<b>E07_10</b> Insurance Policy ID Number
<b>E07_11</b> Last Name of the Insured	<b>E07_12</b> First Name of the Insured
<b>E07_13</b> Middle Initial/Name of the Insured	<b>E07_14</b> Relationship to the Insured

**Data** [combo] single-choice

## Definition

The billing priority or order for the insurance company.

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

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

**Required in XSD** No

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E07_03</b> Insurance Company ID/Name	<b>E07_05</b> Insurance Company Address
<b>E07_06</b> Insurance Company City	<b>E07_07</b> Insurance Company State
<b>E07_08</b> Insurance Company Zip Code	<b>E07_09</b> Insurance Group ID/Name
<b>E07_10</b> Insurance Policy ID Number	<b>E07_11</b> Last Name of the Insured
<b>E07_12</b> First Name of the Insured	<b>E07_13</b> Middle Initial/Name of the Insured
<b>E07_14</b> Relationship to the Insured	

# INSURANCE COMPANY ADDRESS

E07\_05

Data [text]

## Definition

The mailing address of the Insurance Company

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

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

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

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## 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** [combo] single-choice

## Definition

The insurance companies city or township

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *City*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- 5 digit FIPS Code
- Could be filled in from Insurance Company Zip Code (E07\_08)
- E07\_05, E07\_06, E07\_07 and E07\_08 are members of the Insurance Address group

## Uses

- Key component of an EMS Medical Record for billing

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

**E07\_03** Insurance Company ID/Name

**E07\_04** Insurance Company Billing Priority

**E07\_05** Insurance Company Address

**E07\_07** Insurance Company State

**E07\_08** Insurance Company Zip Code

**E07\_09** Insurance Group ID/Name

**E07\_10** Insurance Policy ID Number

**E07\_11** Last Name of the Insured

**E07\_12** First Name of the Insured

**E07\_13** Middle Initial/Name of the Insured

**E07\_14** Relationship to the Insured

**Data** [combo] single-choice

## Definition

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

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

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

**Required in XSD** No **Minimum Constraint** 2 **Maximum Constraint** 3

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

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

## Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Insurance Company Zip Code (E07\_08)
- E07\_05, E07\_06, E07\_07 and E07\_08 are members of the Insurance Address group

## Uses

- Key component of an EMS Medical Record for billing

## Data Collector

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

## Other Associated Elements

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

**Data** [text]

## Definition

The insurance companies Zip Code

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

**Required in XSD** No

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

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

## 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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E06_01</b> Last Name	<b>E07_03</b> Insurance Company ID/Name
<b>E07_04</b> Insurance Company Billing Priority	<b>E07_05</b> Insurance Company Address
<b>E07_06</b> Insurance Company City	<b>E07_07</b> Insurance Company State
<b>E07_09</b> Insurance Group ID/Name	<b>E07_10</b> Insurance Policy ID Number
<b>E07_11</b> Last Name of the Insured	<b>E07_12</b> First Name of the Insured
<b>E07_13</b> Middle Initial/Name of the Insured	<b>E07_14</b> Relationship to the Insured

# INSURANCE GROUP ID/NAME

E07\_09

Data [text]

## Definition

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

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

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

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

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Uses

- Key component of an EMS Medical Record for billing

## Data Collector

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

## Other Associated Elements

**E00**    Common Null Values

**E01\_01**    Patient Care Report Number

**E06\_01**    Last Name

**E07\_03**    Insurance Company ID/Name

**E07\_04**    Insurance Company Billing Priority

**E07\_05**    Insurance Company Address

**E07\_06**    Insurance Company City

**E07\_07**    Insurance Company State

**E07\_08**    Insurance Company Zip Code

**E07\_10**    Insurance Policy ID Number

**E07\_11**    Last Name of the Insured

**E07\_12**    First Name of the Insured

**E07\_13**    Middle Initial/Name of the Insured

**E07\_14**    Relationship to the Insured

# INSURANCE POLICY ID NUMBER

E07\_10

Data [text]

## Definition

The ID number of the patient's insurance policy

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

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

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

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Uses

- Key component of an EMS Medical Record for billing

## Data Collector

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

## Other Associated Elements

**E00**    Common Null Values

**E01\_01**    Patient Care Report Number

**E07\_03**    Insurance Company ID/Name

**E07\_04**    Insurance Company Billing Priority

**E07\_05**    Insurance Company Address

**E07\_06**    Insurance Company City

**E07\_07**    Insurance Company State

**E07\_08**    Insurance Company Zip Code

**E07\_09**    Insurance Group ID/Name

**E07\_11**    Last Name of the Insured

**E07\_12**    First Name of the Insured

**E07\_13**    Middle Initial/Name of the Insured

**E07\_14**    Relationship to the Insured

# LAST NAME OF THE INSURED

E07\_11

Data [text]

## Definition

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

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

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

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

## 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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E06_01</b>	Last Name	<b>E07_03</b>	Insurance Company ID/Name
<b>E07_04</b>	Insurance Company Billing Priority	<b>E07_05</b>	Insurance Company Address
<b>E07_06</b>	Insurance Company City	<b>E07_07</b>	Insurance Company State
<b>E07_08</b>	Insurance Company Zip Code	<b>E07_09</b>	Insurance Group ID/Name
<b>E07_10</b>	Insurance Policy ID Number	<b>E07_12</b>	First Name of the Insured
<b>E07_13</b>	Middle Initial/Name of the Insured	<b>E07_14</b>	Relationship to the Insured

# FIRST NAME OF THE INSURED

E07\_12

Data [text]

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *FirstName*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 20

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## 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\_11** Last Name of the Insured

**E07\_11** Last Name of the Insured

**E07\_13** Middle Initial/Name of the Insured

**E07\_14** Relationship to the Insured

# MIDDLE INITIAL/NAME OF THE INSURED

E07\_13

Data [text]

## Definition

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

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

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

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

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

## 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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E07_03</b> Insurance Company ID/Name	<b>E07_04</b> Insurance Company Billing Priority
<b>E07_05</b> Insurance Company Address	<b>E07_06</b> Insurance Company City
<b>E07_07</b> Insurance Company State	<b>E07_08</b> Insurance Company Zip Code
<b>E07_09</b> Insurance Group ID/Name	<b>E07_10</b> Insurance Policy ID Number
<b>E07_11</b> Last Name of the Insured	<b>E07_11</b> Last Name of the Insured
<b>E07_12</b> First Name of the Insured	<b>E07_12</b> First Name of the Insured
<b>E07_14</b> Relationship to the Insured	



# RELATIONSHIP TO THE INSURED

E07\_14

**Data** [combo] single-choice

## Definition

The relationship of the patient to the primary insured person

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

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

**Required in XSD** No

XSD Structure: (1) E07\_03, E07\_05, E07\_06, E07\_07, E07\_08, E07\_09, E07\_10, E07\_11, E07\_12, E07\_13, E07\_14 are all members of E03 Insurance Structure. (2) E07\_05, E07\_06, E07\_07, and E07\_08 are all members of E07\_05\_0 Insurance Company Address Structure. (3) E07\_11, E07\_12, E07\_13 are all members of E07\_11\_0 Insured Name Structure

## Field Values

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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E07_03</b> Insurance Company ID/Name	<b>E07_04</b> Insurance Company Billing Priority
<b>E07_05</b> Insurance Company Address	<b>E07_06</b> Insurance Company City
<b>E07_07</b> Insurance Company State	<b>E07_08</b> Insurance Company Zip Code
<b>E07_09</b> Insurance Group ID/Name	<b>E07_10</b> Insurance Policy ID Number
<b>E07_11</b> Last Name of the Insured	<b>E07_12</b> First Name of the Insured
<b>E07_13</b> Middle Initial/Name of the Insured	

## WORK-RELATED

E07\_15

**Data** [combo] single-choice

### Definition

Indication of whether or not the injury is work related.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *YesNoValues*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

### Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-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** [combo] single-choice

## Definition

The occupational industry of the patient's work

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PatientsOccupationalIndustry*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

790 Construction

795 Finance, Insurance, and Real Estate

800 Government

805 Manufacturing

810 Mining

815 Retail Trade

820 Services

825 Transportation and Public Utilities

830 Wholesale Trade

## Additional Information

- Recorded if Work Related (E07\_15) also with Patient's Occupation (E07\_17)
- US Bureau of Labor Statistics Industry Classification

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

# PATIENT'S OCCUPATION

E07\_17

**Data** [combo] single-choice

## Definition

The occupation of the patient

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PatientsOccupation*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

**-25** Not Applicable

**-15** Not Reporting

**-5** Not Available

**840** Business and Financial Operations Occupations

**850** Architecture and Engineering Occupations

**860** Community and Social Services Occupations

**870** Education, Training, and Library Occupations

**880** Healthcare Practitioners and Technical Occupations

**890** Protective Service Occupations

**900** Building and Grounds Cleaning and Maintenance Occupations

**910** Sales and Related Occupations

**920** Farming, Fishing and Forestry Occupations

**930** Installation, Maintenance, and Repair Occupations

**940** Transportation and Material Moving Occupations

**-20** Not Recorded

**-10** Not Known

**835** Management Occupations

**845** Computer and Mathematical Occupations

**855** Life, Physical, and Social Science Occupations

**865** Legal Occupations

**875** Arts, Design, Entertainment, Sports, and Media Occupations

**885** Healthcare Support Occupations

**895** Food Preparation and Serving Related Occupations

**905** Personal Care and Service Occupations

**915** Office and Administrative Support Occupations

**925** Construction and Extraction Occupations

**935** Production Occupations

**945** Military Specific Occupations

## Additional Information

- 1999 US Bureau of Labor Statistics Standard Occupational Classification (SOC)
- Recorded if Work Related (E07\_15) also with Patient's Occupational Industry (E07\_16)

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

# CLOSEST RELATIVE/GUARDIAN LAST NAME

E07\_18

**Data** [text]

## Definition

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

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *LastName*  
**Multiple Entry Configuration** No      **Accepts Null Values** Yes  
**Required in XSD** No      **Minimum Constraint** 2      **Maximum Constraint** 20  
XSD Structure: E07\_18, E07\_19, and E07\_20 are all members of E07\_18\_01 Closest Relative Structure

## Field Values

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

## 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

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

# FIRST NAME OF THE CLOSEST RELATIVE/ GUARDIAN

E07\_19

**Data** [text]

## Definition

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

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *FirstName*  
**Multiple Entry Configuration** No      **Accepts Null Values** Yes  
**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 20  
XSD Structure: E07\_18, E07\_19, and E07\_20 are all members of E07\_18\_01 Closest Relative Structure

## Field Values

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

## 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

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

# MIDDLE INITIAL/NAME OF THE CLOSEST RELATIVE/ GUARDIAN

E07\_20

**Data** [text]

## Definition

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

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *MiddleInitialName*  
**Multiple Entry Configuration** No      **Accepts Null Values** Yes  
**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 20  
XSD Structure: E07\_18, E07\_19, and E07\_20 are all members of E07\_18\_01 Closest Relative Structure

## Field Values

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

## 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

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

# CLOSEST RELATIVE/ GUARDIAN STREET ADDRESS

E07\_21

Data [text]

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *StreetAddress*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: E07\_21, E07\_22, E07\_23, E07\_24 are all members of E07\_21\_0 Closest Relatives Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- The Closest 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** [combo] single-choice

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *City*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: E07\_21, E07\_22, E07\_23, E07\_24 are all members of E07\_21\_0 Closest Relatives Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## 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** [combo] single-choice

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *State*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 3

XSD Structure: E07\_21, E07\_22, E07\_23, E07\_24 are all members of E07\_21\_0 Closest Relatives Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from 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** [text]

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *Zip*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: E07\_21, E07\_22, E07\_23, E07\_24 are all members of E07\_21\_0 Closest Relatives Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- Can be a 5 or 9 digit Zip Code
- The Closest 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\_23** Closest Relative/ Guardian State

## CLOSEST RELATIVE/ GUARDIAN PHONE NUMBER

E07\_25

Data [number]

### Definition

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

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

### Field Values

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

### Additional Information

- 10 digit telephone number

### Uses

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

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

# CLOSEST RELATIVE/ GUARDIAN RELATIONSHIP

E07\_26

**Data** [combo] single-choice

## Definition

The relationship of the patient's closest relative or guardian

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

## Field Values

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

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

# PATIENT'S EMPLOYER

E07\_27

Data [text]

## Definition

The name of the patient's employer

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *Name*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: (1) E07\_27, E07\_28, E07\_29, E07\_30, E07\_31 are all members of E07\_27\_0 Patient's Employer Structure.

(2) E07\_28, E07\_29, E07\_30, and E07\_31 are all members of the E07\_28\_0 Employer's Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## 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 [text]

## Definition

The street address of the patient's employer

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *StreetAddress*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: (1) E07\_27, E07\_28, E07\_29, E07\_30, E07\_31 are all members of E07\_27\_0 Patient's Employer Structure.

(2) E07\_28, E07\_29, E07\_30, and E07\_31 are all members of the E07\_28\_0 Employer's Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## 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

# PATIENT'S EMPLOYER'S CITY

E07\_29

**Data** [combo] single-choice

## Definition

The home city of the patient's employer

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *City*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: (1) E07\_27, E07\_28, E07\_29, E07\_30, E07\_31 are all members of E07\_27\_0 Patient's Employer Structure.

(2) E07\_28, E07\_29, E07\_30, and E07\_31 are all members of the E07\_28\_0 Employer's Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- 5 digit FIPS Code
- Could be filled in from Patient's 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



# PATIENT'S EMPLOYER'S STATE

E07\_30

**Data** [combo] single-choice

## Definition

The home state of the patient's employer

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *State*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 3

XSD Structure: (1) E07\_27, E07\_28, E07\_29, E07\_30, E07\_31 are all members of E07\_27\_0 Patient's Employer Structure.

(2) E07\_28, E07\_29, E07\_30, and E07\_31 are all members of the E07\_28\_0 Employer's Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Patient's 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\_29** Patient's Employer's City

**E07\_31** Patient's Employer's Zip Code

# PATIENT'S EMPLOYER'S ZIP CODE

E07\_31

**Data** [text]

## Definition

The home Zip Code of the patient's employer

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *Zip*  
**Multiple Entry Configuration**    No                                      **Accepts Null Values**    Yes

**Required in XSD** No

XSD Structure: (1) E07\_27, E07\_28, E07\_29, E07\_30, E07\_31 are all members of E07\_27\_0 Patient's Employer Structure.  
(2) E07\_28, E07\_29, E07\_30, and E07\_31 are all members of the E07\_28\_0 Employer's Address Structure

## Field Values

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

## 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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E07_27</b> Patient's Employer	<b>E07_28</b> Patient's Employer's Address
<b>E07_29</b> Patient's Employer's City	<b>E07_30</b> Patient's Employer's State

# PATIENT'S WORK TELEPHONE NUMBER

E07\_32

**Data** [number]

## Definition

The patient's work telephone number

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *TelephoneNumber*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 10

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- 10 digit telephone number

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

# RESPONSE URGENCY

E07\_33

**Data** [combo] single-choice

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *ResponseUrgency*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

980 Immediate

985 Non-Immediate

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# CMS SERVICE LEVEL

E07\_34

**Data** [combo] single-choice

*National Element*

## Definition

The CMS service level for this EMS encounter.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *CMSServiceLevel*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

**-25** Not Applicable

**-20** Not Recorded

**-15** Not Reporting

**-10** Not Known

**-5** Not Available

**990** BLS

**995** BLS, Emergency

**1000** ALS, Level 1

**1005** ALS, Level 1 Emergency

**1010** ALS, Level 2

**1015** Paramedic Intercept

**1020** Specialty Care Transport

**1025** Fixed Wing (Airplane)

**1030** Rotary Wing (Helicopter)

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# CONDITION CODE NUMBER

E07\_35

Data [combo] multiple-choice

*National Element*

## Definition

The condition codes are used to better describe the service and patient care delivery by an EMS service. Please consult CMS documentation for detailed descriptions of these condition codes and their use.

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *ConditionCodeNumber*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes  
**Required in XSD** Yes      **Minimum Constraint** 2      **Maximum Constraint** 30  
XSD Structure: E07\_35, E07\_36 are members of E07\_35\_0 Condition Codes Structure

## Field Values

- |  |   |
|--|---|
| -25 Not Applicable   | -20 Not Recorded  |
| -15 Not Reporting  | -10 Not Known   |
| -5 Not Available   | 8001 Severe Abdominal Pain (ALS-789.00)                                     |
| 8002 Abdominal Pain (ALS-789.00)                                       | 8003 Abnormal Cardiac Rhythm/Cardiac Dysrhythmia (ALS-427.9)                |
| 8004 Abnormal Skin Signs (ALS-780.8)                                   | 8005 Abnormal Vital Signs (ALS-796.4)                                       |
| 8006 Allergic Reaction (ALS-995.0)                                     | 8007 Allergic Reaction (BLS-692.9)  |
| 8008 Blood Glucose (ALS-790.21)  | 8009 Respiratory Arrest (ALS-799.1)   |
| 8010 Difficulty Breathing (ALS-786.05)                                 | 8011 Cardiac Arrest-Resuscitation in Progress (ALS-427.5)                   |
| 8012 Chest Pain (non-traumatic) (ALS-786.50)                           | 8013 Choking Episode (ALS-784.9)  |
| 8014 Cold Exposure (ALS-991.6)   | 8015 Cold Exposure (BLS-991.9)  |
| 8016 Altered Level of Consciousness (non-traumatic) (ALS-780.01)       | 8017 Convulsions/Seizures (ALS-780.39)                                      |
| 8018 Eye Symptoms (non-traumatic) (BLS-379.90)                         | 8019 Non Traumatic Headache (ALS-437.9)                                     |
| 8020 Cardiac Symptoms other than Chest Pain (palpitations) (ALS-785.1) | 8021 Cardiac Symptoms other than Chest Pain (atypical pain) (ALS-536.2)     |
| 8022 Heat Exposure (ALS-992.5)   | 8023 Heat Exposure (BLS-992.2)  |
| 8024 Hemorrhage (ALS-459.0)  | 8025 Infectious Diseases requiring Isolation/Public Health Risk (BLS-038.9) |
| 8026 Hazmat Exposure (ALS-987.9)                                       | 8027 Medical Device Failure (ALS-996.0)                                     |
| 8028 Medical Device Failure (BLS-996.3)                                | 8029 Neurologic Distress (ALS-436.0)  |
| 8030 Pain (Severe) (ALS-780.99)  | 8031 Back Pain (non-traumatic possible cardiac or vascular) (ALS-724.5)     |
| 8032 Back Pain (non-traumatic with neurologic symptoms) (ALS-724.9)    | 8033 Poisons (all routes) (ALS-977.9)                                       |
| 8034 Alcohol Intoxication or Drug Overdose (BLS-305.0)                 | 8035 Severe Alcohol Intoxication (ALS-977.3)                                |
| 8036 Post-Operative Procedure Complications (BLS-998.9)                | 8037 Pregnancy Complication/Childbirth/Labor (ALS-650.0)                    |
| 8038 Psychiatric/Behavioral (abnormal mental status) (ALS-292.9)       | 8039 Psychiatric/Behavioral (threat to self or others) (BLS-298.9)          |
| 8040 Sick Person-Fever (BLS-036.9)                                     | 8041 Severe Dehydration (ALS-787.01)  |
| 8042 Unconscious/Syncope/Dizziness (ALS-780.02)                        | 8043 Major Trauma (ALS-959.8)   |
| 8044 Other Trauma (need for monitor or airway) (ALS-518.5)             | 8045 Other Trauma (major bleeding) (ALS-958.2)                              |
| 8046 Other Trauma (fracture/dislocation) (BLS-829.0)                   | 8047 Other Trauma (penetrating extremity) (BLS-880.0)                       |
| 8048 Other Trauma (amputation digits) (BLS-886.0)                      | 8049 Other Trauma (amputation other) (ALS-887.4)                            |
| 8050 Other Trauma (suspected internal injuries) (ALS-869.0)            | 8051 Burns-Major (ALS-949.3)  |
| 8052 Burns-Minor (BLS-949.2)   | 8053 Animal Bites/Sting/Envenomation (ALS-989.5)                            |
| 8054 Animal Bites/Sting/Envenomation (BLS-879.8)                       | 8055 Lightning (ALS-994.0)  |
| 8056 Electrocution (ALS-994.8)   | 8057 Near Drowning (ALS-994.1)  |

*Section E07 Billing*

2006 NHTSA Uniform PreHospital Dataset V.2.2.1

226

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

**Additional Information**

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

**Uses**

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

**Data Collector**

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

**Other Associated Elements**

- |  |  |
|--|--|
| <b>E00</b> Common Null Values                          | <b>E01_01</b> Patient Care Report Number |
| <b>E07_36</b> ICD-9 Code for the Condition Code Number | <b>E07_37</b> Condition Code Modifier    |

# ICD-9 CODE FOR THE CONDITION CODE NUMBER

E07\_36

**Data** [text]

## Definition

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

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *ICD9CodeForConditionCode*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    Yes  
**Required in XSD**    No                      **Minimum Constraint**    2                      **Maximum Constraint**    30  
XSD Structure: E07\_35, E07\_36 are members of E07\_35\_0 Condition Codes Structure

## Field Values

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

## 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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E07_35</b> Condition Code Number	<b>E07_37</b> Condition Code Modifier



# CONDITION CODE MODIFIER

E07\_37

**Data** [combo] multiple-choice

## Definition

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

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	1035 A-Interfacility Transport (requires higher level of care)
1036 B-Interfacility Transport (service not available)	1037 C-ALS Response to BLS Patient
1038 D-Medically Necessary Transport (Not Nearest Facility)	1039 E-BLS Transport of ALS Patient
1040 F-Emergency Trauma Dispatch Condition Code (patient is BLS)	1041 Air-A-Long Distance
1042 Air-B-Traffic Precludes Ground Transport	1043 Air-C-Time Precludes Ground Transport
1044 Air-D-Pick up Point not Accessible by Ground Transport	

## Additional Information

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

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

# *Scene*

## OTHER EMS AGENCIES AT SCENE

E08\_01

**Data** [combo] multiple-choice

### Definition

Other EMS agencies that were at the scene, if any

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *OtherEMSAgenciesAtScene*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

### Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

### Additional Information

- Created from Other Agencies in Area (D01\_11). This is the Agency Name, not the EMS Agency Number

### Uses

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

### Data Collector

- EMS personnel

### Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# OTHER SERVICES AT SCENE

E08\_02

**Data** [combo] multiple-choice

## Definition

Other services that were at the scene, if any

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

## Field Values

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

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

# ESTIMATED DATE/TIME INITIAL RESPONDER ARRIVED ON SCENE

E08\_03

**Data** [combo] single-choice

## Definition

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

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

## Field Values

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

# DATE/TIME INITIAL RESPONDER ARRIVED ON SCENE

E08\_04

**Data** [date/time]

## Definition

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

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

## Field Values

## Additional Information

- EMS Systems can choose to document First Responder Arrival Time either by a time frame (E08\_03) or by recording the exact time (E08\_04). Systems only need to use one of these two data elements
- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

E01\_01 Patient Care Report Number

# NUMBER OF PATIENTS AT SCENE

E08\_05

**Data** [combo] single-choice

*National Element*

## Definition

Indicator of how many total patients were at the scene

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *NumberOfPatientsAtScene*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

1120 None

1125 Single

1130 Multiple

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References to Other Databases

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

# MASS CASUALTY INCIDENT

E08\_06

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *YesNoValues*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

0 No

1 Yes

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number



# INCIDENT LOCATION TYPE

E08\_07

Data [combo] single-choice

*National Element*

## Definition

The kind of location where the incident happened

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *IncidentLocationType*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-15 Not Reporting

-5 Not Available

1140 Farm

1150 Industrial Place and Premises

1160 Street or Highway

1170 Trade or service (business, bars, restaurants, etc)

1180 Residential Institution (Nursing Home, jail/prison)

1190 Other Location

-20 Not Recorded

-10 Not Known

1135 Home/Residence

1145 Mine or Quarry

1155 Place of Recreation or Sport

1165 Public Building (schools, gov. offices)

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

1185 Lake, River, Ocean

## Additional Information

- Based on ICD-9

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 05 Location Type

## References to Other Databases

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

# INCIDENT FACILITY CODE

E08\_08

Data [text]

## Definition

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

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

## Field Values

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

## 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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E08_07</b>	Incident Location Type		

# SCENE\_ZONE\_NUMBER

E08\_09

**Data** [combo] single-choice

## Definition

Geographic zone representing the location of the scene

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

## Field Values

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

## Additional Information

- Created from Zones (D04\_03)

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E08_07</b> Incident Location Type	

# SCENE GPS LOCATION

E08\_10

**Data** [text]

## Definition

The GPS coordinates associated with the Scene.

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

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

## Field Values

## Uses

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

## Data Collector

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

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E08\_07** Incident Location Type

# INCIDENT ADDRESS

E08\_11

Data [text]

## Definition

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

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *StreetAddress*  
**Multiple Entry Configuration**    No                      **Accepts Null Values**    Yes  
**Required in XSD**    No                      **Minimum Constraint**    2                      **Maximum Constraint**    30  
XSD Structure: E08\_11, E08\_12, E08\_14, E08\_15 are all members of E08\_11\_0 Incident Address Structure

## Field Values

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

## Uses

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

## Data Collector

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

## Other Associated Elements

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

## References in NHTSA Version 1

Essential Element 01    Incident Address

**Data** [combo] single-choice

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *City*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: E08\_11, E08\_12, E08\_14, E08\_15 are all members of E08\_11\_0 Incident Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- 5 digit FIPS Code
- Could be filled in from Incident Zip Code entry (E08\_15)

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E08\_07** Incident Location Type

**E08\_11** Incident Address

**E08\_14** Incident State

**E08\_15** Incident ZIP Code

## References in NHTSA Version 1

Essential Element 02 Incident City

# INCIDENT COUNTY

E08\_13

**Data** [combo] single-choice

## Definition

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

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

## Field Values

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

## Additional Information

- Could be filled in from Incident Zip Code entry (E08\_15)
- Stored as a 5 digit FIPS code (combining the state and county code) to take into account agencies may serve more than one state and counties are often named the same from state to state
- Stored as a FIPS code

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E08_07</b> Incident Location Type	

## References in NHTSA Version 1

Essential Element 03 Incident County

# INCIDENT STATE

E08\_14

**Data** [combo] single-choice

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *State*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 3

XSD Structure: E08\_11, E08\_12, E08\_14, E08\_15 are all members of E08\_11\_0 Incident Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Incident Zip Code entry (E08\_15)

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E08\_07** Incident Location Type

**E08\_11** Incident Address

**E08\_12** Incident City

**E08\_15** Incident ZIP Code

## References in NHTSA Version 1

Essential Element 04 Incident State

## References to Other Databases

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



# INCIDENT ZIP CODE

E08\_15

Data [text]

*National Element*

## Definition

The ZIP code of the incident location

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *Zip*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

XSD Structure: E08\_11, E08\_12, E08\_14, E08\_15 are all members of E08\_11\_0 Incident Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Uses

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

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E08\_07** Incident Location Type

**E08\_11** Incident Address

**E08\_12** Incident City

**E08\_14** Incident State

# *Situation*

# PRIOR AID

E09\_01

**Data** [combo] multiple-choice

*National Element*

## Definition

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

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

## Field Values

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

## Additional Information

- List created from Procedures (D04\_04) and Medications (D04\_06)

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the specific prior aid received or not received by the patient
- Allows data to describe aid which was provided prior to EMS arrival
- Used as a Quality Management tool to evaluate Bystander and First Responder involvement

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values **E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 58 Time of First CPR

## References to Other Databases

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

# PRIOR AID PERFORMED BY

E09\_02

**Data** [combo] multiple-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PriorAidPerformedBy*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

1195 EMS Provider

1200 Law Enforcement

1205 Lay Person

1210 Other Healthcare Provider

1215 Patient

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# OUTCOME OF THE PRIOR AID

E09\_03

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *OutcomeOfPriorAid*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

1220 Improved

1225 Unchanged

1230 Worse

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# POSSIBLE INJURY

E09\_04

Data [combo] single-choice

*National Element*

## Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *YesNoValues*

Multiple Entry Configuration No

Accepts Null Values Yes

Required in XSD Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

0 No

1 Yes

## Additional Information

- Can be used to determine which records should have Section E10: Situation/ Trauma completed. If Injury Present (E09\_04) is "Yes", Section E10 should be completed
- Possible Injury (E09\_04), Chief Complaint Anatomic Location (E09\_11), Chief Complaint Organ System (E09\_12), and Primary Symptom (E09\_13) are required to calculate the Reason for Encounter

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

E01\_01 Patient Care Report Number

# CHIEF COMPLAINT

E09\_05

**Data** [text]

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *ChiefComplaintNarrative*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 50

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 48 Chief Complaint

# DURATION OF CHIEF COMPLAINT

E09\_06

**Data** [number]

## Definition

The time duration of the chief complaint

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *DurationOfChiefComplaint*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 360

XSD Structure: E09\_06 and E09\_07 are members of E09\_06\_0 Duration of Chief Complaint Structure

## Field Values

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E09\_05** Chief Complaint

**E09\_07** Time Units of Duration of Chief Complaint



# TIME UNITS OF DURATION OF CHIEF COMPLAINT

E09\_07

**Data** [combo] single-choice

## Definition

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

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

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

**Required in XSD** No

XSD Structure: E09\_06 and E09\_07 are members of E09\_06\_0 Duration of Chief Complaint Structure

## Field Values

<b>1235</b> Seconds	<b>1240</b> Minutes
<b>1245</b> Hours	<b>1250</b> Days
<b>1255</b> Weeks	<b>1260</b> Months
<b>1265</b> Years	

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E09\_05** Chief Complaint

**E09\_06** Duration of Chief Complaint

# SECONDARY COMPLAINT NARRATIVE

E09\_08

**Data** [text]

## Definition

The narrative of the patient's secondary complaint

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

## Field Values

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

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
-------------------------------	--

## References in NHTSA Version 1

Desirable Element 48 Chief Complaint

# DURATION OF SECONDARY COMPLAINT

E09\_09

Data [number]

## Definition

The duration of the secondary complaint

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *DurationOfSecondaryComplaint*  
**Multiple Entry Configuration** No      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 360

XSD Structure: E09\_09 and E09\_10 are members of E09\_09\_0 Duration of Secondary Complaint Structure

## Field Values

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E09\_08** Secondary Complaint Narrative  
**E09\_10** Time Units of Duration of Secondary Complaint

# TIME UNITS OF DURATION OF SECONDARY COMPLAINT

E09\_10

**Data** [combo] single-choice

## Definition

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

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

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

**Required in XSD** No

XSD Structure: E09\_09 and E09\_10 are members of E09\_09\_0 Duration of Secondary Complaint Structure

## Field Values

<b>1270</b> Seconds	<b>1275</b> Minutes
<b>1280</b> Hours	<b>1285</b> Days
<b>1290</b> Weeks	<b>1295</b> Months
<b>1300</b> Years	

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E09\_08** Secondary Complaint Narrative

**E09\_09** Duration of Secondary Complaint

# CHIEF COMPLAINT ANATOMIC LOCATION

E09\_11

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *ComplaintAnatomicLocation*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

1305 Abdomen

1310 Back

1315 Chest

1320 Extremity-Lower

1325 Extremity-Upper

1330 General/Global

1335 Genitalia

1340 Head

1345 Neck

## Additional Information

- Possible Injury (E09\_04), Chief Complaint Anatomic Location (E09\_11), Chief Complaint Organ System (E09\_12), and Primary Symptom (E09\_13) are required to calculate the Reason for Encounter

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# CHIEF COMPLAINT ORGAN SYSTEM

E09\_12

Data [combo] single-choice

*National Element*

## Definition

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

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

## Field Values

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

## Additional Information

- Possible Injury (E09\_04), Chief Complaint Anatomic Location (E09\_11), Chief Complaint Organ System (E09\_12), and Primary Symptom (E09\_13) are required to calculate the Reason for Encounter
- This data element is to be completed by EMS personnel at the EMT-Paramedic level or higher

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

# PRIMARY SYMPTOM

E09\_13

Data [combo] single-choice

*National Element*

## Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *PrimarySymptom*

Multiple Entry Configuration No

Accepts Null Values Yes

Required in XSD Yes

## Field Values

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

## Additional Information

- Possible Injury (E09\_04), Chief Complaint Anatomic Location (E09\_11), Chief Complaint Organ System (E09\_12), and Primary Symptom (E09\_13) are required to calculate the Reason for Encounter

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

E01\_01 Patient Care Report Number

## References in NHTSA Version 1

Essential Element 52 Signs and Symptoms Present

# OTHER ASSOCIATED SYMPTOMS

E09\_14

**Data** [combo] multiple-choice

*National Element*

## Definition

Other symptoms identified by the patient or observed by EMS personnel

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

## Field Values

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

## Additional Information

- This data element is used for Bioterrorism Syndromic Surveillance

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

## References in NHTSA Version 1

Essential    Element 52    Signs and Symptoms Present



# PROVIDERS PRIMARY IMPRESSION

E09\_15

Data [combo] single-choice

*National Element*

## Definition

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

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

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	1615	789.00- Abdominal pain / problems
1620	519.80- Airway obstruction	1625	995.30- Allergic reaction
1630	780.09- Altered level of consciousness	1635	312.90- Behavioral / psychiatric disorder
1640	427.50- Cardiac arrest	1645	427.90- Cardiac rhythm disturbance
1650	786.50- Chest pain / discomfort	1655	250.90- Diabetic symptoms (hypoglycemia)
1660	994.80- Electrocutation	1665	780.60- Hyperthermia
1670	780.90- Hypothermia	1675	785.59- Hypovolemia / shock
1680	987.90- Inhalation injury (toxic gas)	1685	798.99- Obvious death
1690	977.90- Poisoning / drug ingestion	1695	659.90- Pregnancy / OB delivery
1700	786.09- Respiratory distress	1705	799.10- Respiratory arrest
1710	780.30- Seizure	1715	959.90- Sexual assault / rape
1720	987.90- Smoke inhalation	1725	989.50- Stings / venomous bites
1730	436.00- Stroke / CVA	1735	780.20- Syncope / fainting
1740	959.90- Traumatic injury	1745	623.80- Vaginal hemorrhage

## Additional Information

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

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values      **E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 50      Providers Impression

## References to Other Databases

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



# PROVIDER'S SECONDARY IMPRESSION

E09\_16

Data [combo] single-choice

*National Element*

## Definition

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

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

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	1750	789.00- Abdominal pain / problems
1755	519.80- Airway obstruction	1760	995.30- Allergic reaction
1765	780.09- Altered level of consciousness	1770	312.90- Behavioral / psychiatric disorder
1775	427.50- Cardiac arrest	1780	427.90- Cardiac rhythm disturbance
1785	786.50- Chest pain / discomfort	1790	250.90- Diabetic symptoms (hypoglycemia)
1795	994.80- Electrocutation	1800	780.60- Hyperthermia
1805	780.90- Hypothermia	1810	785.59- Hypovolemia / shock
1815	987.90- Inhalation injury (toxic gas)	1820	798.99- Obvious death
1825	977.90- Poisoning / drug ingestion	1830	659.90- Pregnancy / OB delivery
1835	786.09- Respiratory distress	1840	799.10- Respiratory arrest
1845	780.30- Seizure	1850	959.90- Sexual assault / rape
1855	987.90- Smoke inhalation	1860	989.50- Stings / venomous bites
1865	436.00- Stroke / CVA	1870	780.20- Syncope / fainting
1875	959.90- Traumatic injury	1880	623.80- Vaginal hemorrhage

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values      **E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 50      Providers Impression

# *Situation/ Trauma*



# CAUSE OF INJURY

E10\_01

Data [combo] single-choice

*National Element*

## Definition

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

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

## Field Values

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

## Additional Information

- Complete only if Possible Injury (E09\_04) is "Yes"
- ICD-9 Codes were retained over ICD-10 due to CMS's continued use of ICD-9 in the EMS Condition Codes

## Uses

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

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes

## Other Associated Elements

**E00** Common Null Values      **E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 49 Cause of Injury

## References to Other Databases

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

E10\_02

**Data** [combo] single-choice

## Definition

The intent of the individual inflicting the injury

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *IntentOfInjury*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

2020 Intentional, Other (Assaulted)

2025 Intentional, Self

2030 Unintentional

## Additional Information

- Complete only if Possible Injury (E09\_04) is "Yes"

## Uses

- Important component of an EMS Medical Record: documentation of Intentional, Self
- Used to better define injury cause and describe injury patterns within and EMS community

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 54 Injury Intent

## References to Other Databases

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



# MECHANISM OF INJURY

E10\_03

**Data** [combo] multiple-choice

## Definition

The mechanism of the event which caused the injury.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *MechanismOfInjury*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

2035 Blunt

2040 Burn

2045 Other

2050 Penetrating

## Additional Information

- Complete only if Possible Injury (E09\_04) is "Yes"

## Uses

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

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# VEHICULAR INJURY INDICATORS

E10\_04

**Data** [combo] multiple-choice

## Definition

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

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

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	2055	Dash Deformity
2060	DOA Same Vehicle	2065	Ejection
2070	Fire	2075	Rollover/Roof Deformity
2080	Side Post Deformity	2085	Space Intrusion >1 foot
2090	Steering Wheel Deformity	2095	Windshield Spider/Star

## Additional Information

- Complete only if Possible Injury (E09\_04) is "Yes"

## Uses

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

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes and there is a vehicle involved

## Other Associated Elements

**E00** Common Null Values      **E01\_01** Patient Care Report Number

# AREA OF THE VEHICLE IMPACTED BY THE COLLISION

E10\_05

**Data** [combo] multiple-choice

## Definition

The area or location of impact on the vehicle

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

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	2100	Center Front
2105	Center Rear	2110	Left Front
2115	Left Rear	2120	Left Side
2125	Right Front	2130	Right Rear
2135	Right Side	2140	Roll Over

## Additional Information

- Complete only if Possible Injury (E09\_04) is "Yes"

## Uses

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

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes and there is a vehicle involved

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

# SEAT ROW LOCATION OF PATIENT IN VEHICLE

E10\_06

**Data** [text]

## Definition

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

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *SeatRowLocation*  
**Multiple Entry Configuration** No      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 50  
XSD Structure: E10\_06 and E10\_07 are members of E10\_06\_0 Position of Patient Structure

## Field Values

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

## Additional Information

- Complete only if Possible Injury (E09\_04) is "Yes"
- Could be configured as a single choice combo box
- Numbered to take into account large vehicles such as buses or vans (1 = Front) or (Cargo Area = 50)

## Uses

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

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes and there is a vehicle involved

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E10\_07** Position of Patient in the Seat of the Vehicle

# POSITION OF PATIENT IN THE SEAT OF THE VEHICLE

E10\_07

**Data** [combo] single-choice

## Definition

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

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

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

**Required in XSD** No

XSD Structure: E10\_06 and E10\_07 are members of E10\_06\_0 Position of Patient Structure

## Field Values

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

## Additional Information

- Complete only if Possible Injury (E09\_04) is "Yes"

## Uses

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

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes and there is a vehicle involved

## Other Associated Elements

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E10_06</b>	Seat Row Location of Patient in Vehicle		

# USE OF OCCUPANT SAFETY EQUIPMENT

E10\_08

**Data** [combo] multiple-choice

## Definition

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

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

## Field Values

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

## Additional Information

- Complete only if Possible Injury (E09\_04) is “Yes”

## Uses

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

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes and there is a vehicle involved

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

## References in NHTSA Version 1

Essential Element 55    Safety Equipment

## References to Other Databases

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

# AIRBAG DEPLOYMENT

E10\_09

**Data** [combo] multiple-choice

## Definition

Indication of Airbag deployment during the motor vehicle crash.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *AirbagDeployment*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-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

E10\_10

**Data** [number]

## Definition

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

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

## Field Values

## Additional Information

- Complete only if Possible Injury (E09\_04) is "Yes"

## Uses

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

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes

## Other Associated Elements

**E01\_01** Patient Care Report Number



# *Situation/ CPR*

# CARDIAC ARREST

E11\_01

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *CardiacArrest*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

0 No

2240 Yes, Prior to EMS Arrival

2245 Yes, After EMS Arrival

## Additional Information

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

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References to Other Databases

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

# CARDIAC ARREST ETIOLOGY

E11\_02

**Data** [combo] single-choice

*National Element*

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *CardiacArrestEtiology*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

2250 Presumed Cardiac

2255 Trauma

2260 Drowning

2265 Respiratory

2270 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

## References to Other Databases

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

# RESUSCITATION ATTEMPTED

E11\_03

**Data** [combo] multiple-choice

*National Element*

## Definition

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

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

## Field Values

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

## Additional Information

- Complete only if Cardiac Arrest (E11\_01) is “Yes”

## Uses

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

## Data Collector

- EMS personnel if Cardiac Arrest (E11\_01) is answered Yes

## Other Associated Elements

**E00**    Common Null Values                      **E01\_01**    Patient Care Report Number

## References to Other Databases

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

# ARREST WITNESSED BY

E11\_04

**Data** [combo] single-choice

## Definition

Indication of who the cardiac arrest was witnessed by

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *ArrestWitnessedBy*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

2310 Witnessed by Healthcare Provider

2315 Witnessed by Lay Person

2320 Not Witnessed

## Additional Information

- Complete only if Cardiac Arrest (E11\_01) is “Yes”

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the Witnessed or Un-Witnessed Arrest which is a known key element associated with Cardiac Arrest Outcome
- Allows data to describe aid which was provided prior to EMS arrival
- Used as a Quality Management tool to evaluate Bystander and First Responder involvement

## Data Collector

- EMS personnel if Cardiac Arrest (E11\_01) is answered Yes

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 62 Witness of Cardiac Arrest

## References to Other Databases

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

# FIRST MONITORED RHYTHM OF THE PATIENT

E11\_05

**Data** [combo] single-choice

## Definition

Documentation of what the first monitored rhythm which was noted

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

## Field Values

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

## Additional Information

- Complete only if Cardiac Arrest (E11\_01) is “Yes”

## Uses

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

## Data Collector

- EMS personnel if Cardiac Arrest (E11\_01) is answered Yes

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

## References to Other Databases

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

# ANY RETURN OF SPONTANEOUS CIRCULATION

E11\_06

**Data** [combo] single-choice

## Definition

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

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

## Field Values

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

## Additional Information

- Complete only if Cardiac Arrest (E11\_01) is “Yes”

## Uses

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

## Data Collector

- EMS personnel if Cardiac Arrest (E11\_01) is answered Yes

## Other Associated Elements

**E00** Common Null Values      **E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 64 Return of Spontaneous Circulation

## References to Other Databases

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

# NEUROLOGICAL OUTCOME AT HOSPITAL DISCHARGE

E11\_07

**Data** [combo] single-choice

## Definition

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

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *NeurologicalOutcomeAtDischarge*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-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** [combo] single-choice

## Definition

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

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

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

**Required in XSD** No

## Field Values

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

# DATE/TIME RESUSCITATION DISCONTINUED

E11\_09

**Data** [date/time]

## Definition

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

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** No

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

**Required in XSD** No

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

## Field Values

## Additional Information

- Complete only if Cardiac Arrest (E11\_01) is “Yes”
- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

## Uses

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

## Data Collector

- EMS personnel if Cardiac Arrest (E11\_01) is answered Yes

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 60 Time CPR Discontinued

# REASON CPR DISCONTINUED

E11\_10

**Data** [combo] single-choice

## Definition

The reason that CPR or the resuscitation efforts were discontinued.

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

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	2430	DNR
2435	Medical Control Order	2440	Obvious Signs of Death
2445	Protocol/Policy Requirements Completed	2450	Return of Spontaneous Circulation (pulse or BP noted)

## Additional Information

- Complete only if Cardiac Arrest (E11\_01) is “Yes”

## Uses

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

## Data Collector

- EMS personnel if Cardiac Arrest (E11\_01) is answered Yes

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

# CARDIAC RHYTHM ON ARRIVAL AT DESTINATION

E11\_11

**Data** [combo] multiple-choice

## Definition

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

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

## Field Values

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

## Additional Information

- Complete only if Cardiac Arrest (E11\_01) is "Yes"
- This data point could be completed by documentation of the final rhythm in the Vital Signs Section (E14) with the appropriate time

## Uses

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

## Data Collector

- EMS personnel if Cardiac Arrest (E11\_01) is answered Yes

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 67    Rhythm at Destination

# *Medical History*

# BARRIERS TO PATIENT CARE

E12\_01

**Data** [combo] multiple-choice

*National Element*

## Definition

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

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

## Field Values

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

## Uses

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

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

## References in NHTSA Version 1

Desirable Element 56    Factors Affecting EMS Delivery of Care

## References to Other Databases

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

# SENDING FACILITY MEDICAL RECORD NUMBER

E12\_02

**Data** [text]

## Definition

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

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

## Field Values

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

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
------------	--------------------	---------------	----------------------------

# DESTINATION MEDICAL RECORD NUMBER

E12\_03

**Data** [text]

## Definition

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

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

## Field Values

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

## Uses

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

## Data Collector

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

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
-------------------------------	--



# FIRST NAME OF PATIENT'S PRIMARY PRACTITIONER

E12\_04

Data [text]

## Definition

The first name of the patient's primary practitioner

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *FirstName*  
**Multiple Entry Configuration**    No      **Accepts Null Values**    Yes  
**Required in XSD**    No      **Minimum Constraint**    2      **Maximum Constraint**    30  
XSD Structure: E12\_04, E12\_05, and E12\_06 are all members of E12\_4\_0 Primary Practitioner's Name Structure

## Field Values

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

## 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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E06_01</b> Last Name	<b>E12_05</b> Middle Name of Patient's Primary Practitioner
<b>E12_06</b> Last Name of Patient's Primary Practitioner	

# MIDDLE NAME OF PATIENT'S PRIMARY PRACTITIONER

E12\_05

**Data** [text]

## Definition

The middle name of the patient's primary practitioner

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *MiddleInitialName*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 20

XSD Structure: E12\_04, E12\_05, and E12\_06 are all members of E12\_4\_0 Primary Practitioner's Name Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## 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 [text]

## Definition

The last name of the patient's primary practitioner

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *LastName*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 20

XSD Structure: E12\_04, E12\_05, and E12\_06 are all members of E12\_4\_0 Primary Practitioner's Name Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## 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

# ADVANCED DIRECTIVES

E12\_07

**Data** [combo] multiple-choice

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *AdvanceDirectives*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-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

E12\_08

**Data** [combo] multiple-choice

## Definition

The patient's medication allergies

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *MedicationAllergies*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

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

## Uses

- Part of an EMS Medical Record

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

# ENVIRONMENTAL/FOOD ALLERGIES

E12\_09

**Data** [combo] multiple-choice

## Definition

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

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *EnvironmentalFoodAllergies*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-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** [combo or text] multiple-choice

## Definition

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

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *MedicalSurgicalHistory*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

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

## Uses

- Part of an EMS Medical Record

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

## References in NHTSA Version 1

Essential Element 51 Pre-Existing Condition

# MEDICAL HISTORY OBTAINED FROM

E12\_11

**Data** [combo] single-choice

## Definition

Type of person medical history obtained from

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *MedicalHistoryObtainedFrom*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

2705 Bystander/Other

2710 Family

2715 Health Care Personnel

2720 None

2725 Patient

## Uses

- Part of an EMS Medical Record

## Data Collector

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

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E06\_01** Last Name



# IMMUNIZATION HISTORY

E12\_12

**Data** [combo] multiple-choice

## Definition

The type of immunization the patient has received.

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

**Required in XSD** No

XSD Structure: E12\_12 and E12\_13 are members of E12\_12\_0 Immunization History Structure

## Field Values

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

<b>E01_01</b> Patient Care Report Number	<b>E06_01</b> Last Name
<b>E12_13</b> Immunization Date	

# IMMUNIZATION DATE

E12\_13

Data [text]

## Definition

The date of the associated immunization type.

**XSD Data Type** *xs:gyear*      **XSD Domain (Simple Type)** *ImmunizationDate*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes  
**Required in XSD** No      **Minimum Constraint** 1,890      **Maximum Constraint** 2,030  
XSD Structure: E12\_12 and E12\_13 are members of E12\_12\_0 Immunization History Structure

## Field Values

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

## Additional Information

- Could be configured with a list box of years formatted as YYYY
- Format [YYYY]

## Uses

- Part of the Medical History of the patient and could be important in a Bioterrorism event

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

**E00** Common Null Values      **E01\_01** Patient Care Report Number  
**E12\_12** Immunization History

# CURRENT MEDICATIONS

E12\_14

**Data** [combo or text] multiple-choice

## Definition

The medications the patient currently takes

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *CurrentMedicationName*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** No

**Required in XSD** No **Minimum Constraint** 2 **Maximum Constraint** 30

XSD Structure: (1) E12\_14, E12\_15, E12\_16, and E12\_17 are all members of E12\_14\_0 Current Medications Structure. (2) E12\_15 and E12\_16 are members of E12\_15\_0 Current Medication Dose Structure

## Field Values

## Additional Information

- A Drug List should be created to serve as a listbox which can contain any generic or trade name of a drug approved by the FDA
- Alternatively, the drugs may be entered as a multiple entry text configuration
- The Drug List should also include "None"

## Uses

- Part of an EMS Medical Record

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E12\_15** Current Medication Dose

**E12\_16** Current Medication Dosage Unit

**E12\_17** Current Medication Administration Route

# CURRENT MEDICATION DOSE

E12\_15

Data [number]

## Definition

The numeric dose or amount of the patient's current medication

**XSD Data Type** *xs:decimal*

**XSD Domain (Simple Type)** *CurrentMedicationDose*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 1,000,000

XSD Structure: (1) E12\_14, E12\_15, E12\_16, and E12\_17 are all members of E12\_14\_0 Current Medications Structure. (2) E12\_15 and E12\_16 are members of E12\_15\_0 Current Medication Dose Structure

## Field Values

## Uses

- Part of an EMS Medical Record

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E12\_14** Current Medications

**E12\_16** Current Medication Dosage Unit

**E12\_17** Current Medication Administration Route

# CURRENT MEDICATION DOSAGE UNIT

E12\_16

**Data** [combo] single-choice

## Definition

The dosage unit of the patient's current medication

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *CurrentMedicationDosageUnit*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** No

**Required in XSD** No

XSD Structure: (1) E12\_14, E12\_15, E12\_16, and E12\_17 are all members of E12\_14\_0 Current Medications Structure. (2) E12\_15 and E12\_16 are members of E12\_15\_0 Current Medication Dose Structure

## Field Values

<b>2785</b> GMS	<b>2790</b> Inches
<b>2795</b> IU	<b>2800</b> KVO (TKO)
<b>2805</b> L/MIN	<b>2810</b> LITERS
<b>2815</b> LPM	<b>2820</b> MCG
<b>2825</b> MCG/KG/MIN	<b>2830</b> MEQ
<b>2835</b> MG	<b>2840</b> MG/KG/MIN
<b>2845</b> ML	<b>2850</b> ML/HR
<b>2855</b> Other	<b>2860</b> 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

<b>E01_01</b> Patient Care Report Number	<b>E12_14</b> Current Medications
<b>E12_15</b> Current Medication Dose	<b>E12_17</b> Current Medication Administration Route

## References to Other Databases

- DEEDS DEEDS/HL-7 Version 2.3

# CURRENT MEDICATION ADMINISTRATION ROUTE

E12\_17

**Data** [combo] single-choice

## Definition

The administration route (po, SQ, etc.) of the patients current medication

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *CurrentMedicationAdministrationRoute*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: (1) E12\_14, E12\_15, E12\_16, and E12\_17 are all members of E12\_14\_0 Current Medications Structure. (2) E12\_15 and E12\_16 are members of E12\_15\_0 Current Medication Dose Structure

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E12_14</b>	Current Medications	<b>E12_15</b>	Current Medication Dose
<b>E12_16</b>	Current Medication Dosage Unit		

## References to Other Databases

- **DEEDS** DEEDS/HL-7 Version 2.3; [combo] Apply externally = AP, Buccal = B, Dental = DT, Epidural = EP, Endotracheal tube = ET, Gastronomy tube = GTT, Genitourinary irrigant = GU, Intraarterial = IA, Intrabursal = IB, Intracardiac = IC, Intracervical (uterus) = IC

# PRESENCE OF EMERGENCY INFORMATION FORM

E12\_18

**Data** [combo] single-choice

## Definition

Indication of the presence of the Emergency Information Form associated with patient's with special healthcare needs.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *YesNoValues*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

0 No

1 Yes

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Used to identify EMS patient's who may need special EMS resources within a community
- Used to quickly identify patients during an Emergency or Disaster who may need additional resources or evacuation

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# ALCOHOL/DRUG USE INDICATORS

E12\_19

**Data** [combo] multiple-choice

*National Element*

## Definition

Indicators for the potential use of Alcohol or Drugs by the patient.

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *AlcoholDrugUseIndicators*  
**Multiple Entry Configuration**    Yes      **Accepts Null Values**    Yes  
**Required in XSD**    Yes

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2985 Smell of Alcohol on Breath
2990 Patient Admits to Alcohol Use	2995 Patient Admits to Drug Use
3000 Alcohol and/or Drug Paraphernalia at Scene	3001 None

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on alcohol/drug use indicators
- Allows data to describe Alcohol and Drug use within the EMS patient population

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

## References in NHTSA Version 1

Essential Element 57    Suspected Alcohol/Drug Use

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Human Factors; Describes the human factors that contributed to the patient's injury; Pick-List: Asleep = 1, Unconscious = 2, Possibly Impaired by Alcohol = 3, Possibly Impaired by Other Drug or Chemical = 4, Possibly Mentally Disabled = 5, Physically Disabled = 6, Physically Restrained = 7, Unattended or Unsupervised Person, Included are too young to act = 8, None or No Human Factors = N



# PREGNANCY

E12\_20

**Data** [combo] single-choice

## Definition

Indication of the possibility by the patient's history of current pregnancy

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *YesNoValues*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-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*

# RUN REPORT NARRATIVE

E13\_01

**Data** [text]

## Definition

The narrative of the run report

<b>XSD Data Type</b> <i>xs:string</i>	<b>XSD Domain (Simple Type)</b> <i>RunReportNarrative</i>
<b>Multiple Entry Configuration</b> No	<b>Accepts Null Values</b> Yes
<b>Required in XSD</b> No	<b>Minimum Constraint</b> 2 <b>Maximum Constraint</b> 4,000

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	

## Additional Information

- Large capacity text field such as a “memo” or equivalent

## Uses

- Part of an EMS Medical Record

## Data Collector

- EMS personnel but could be auto-generated based on the information entered into an electronic patient care report

## Other Associated Elements

**E00** Common Null Values **E01\_01** Patient Care Report Number

# *Assessment/ Vital Signs*

# DATE/TIME VITAL SIGNS TAKEN

E14\_01

**Data** [date/time]

## Definition

Date/Time Vital Signs Taken

**XSD Data Type** *xs:dateTime*      **XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No      **Minimum Constraint** 1,990      **Maximum Constraint** 2,030

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- Multiple Entry Configuration to allow multiple sets of Vital Signs

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Patient Pulse; Presence of a Pulse at the time of patient transfer to another service.; Pick-List: Pulse on Transfer = 1, No; Pulse of Transfer = 2

# OBTAINED PRIOR TO THIS UNITS EMS CARE

E14\_02

**Data** [combo] single-choice

## Definition

Indicates that the information which is documented was obtained prior to the EMS unit's care creting this patient care report

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *YesNoValues*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: Each element is section E14 is associated with a E14\_01 Date/Time

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

0 No

1 Yes

## Additional Information

- If E14\_02 is "Yes", the Date/Time Vital Signs Taken (E14\_01) is not required

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

**Data** [combo] multiple-choice

## Definition

The initial cardiac rhythm of the patient as interpreted by EMS personnel

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *CardiacRhythm*  
**Multiple Entry Configuration** (1) Yes, via structure. (2) Yes for each E14\_01 Date/Time  
**Accepts Null Values** Yes

## Required in XSD No

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

- |                                       |   |
|---------------------------------------|---|
| -25 Not Applicable                    | -20 Not Recorded                        |
| -15 Not Reporting                     | -10 Not Known                           |
| -5 Not Available                      | 3005 12 Lead ECG-Anterior Ischemia      |
| 3010 12 Lead ECG-Inferior Ischemia    | 3015 12 Lead ECG-Lateral Ischemia       |
| 3020 Agonal/Idioventricular           | 3025 Artifact                           |
| 3030 Asystole                         | 3035 Atrial Fibrillation/Flutter        |
| 3040 AV Block-1st Degree              | 3045 AV Block-2nd Degree-Type 1         |
| 3050 AV Block-2nd Degree-Type 2       | 3055 AV Block-3rd Degree                |
| 3060 Junctional                       | 3065 Left Bundle Branch Block           |
| 3070 Normal Sinus Rhythm              | 3075 Other                              |
| 3080 Paced Rhythm                     | 3085 PEA                                |
| 3090 Premature Atrial Contractions    | 3095 Premature Ventricular Contractions |
| 3100 Right Bundle Branch Block        | 3105 Sinus Arrhythmia                   |
| 3110 Sinus Bradycardia                | 3115 Sinus Tachycardia                  |
| 3120 Supraventricular Tachycardia     | 3125 Torsades De Points                 |
| 3130 Unknown AED Non-Shockable Rhythm | 3135 Unknown AED Shockable Rhythm       |
| 3140 Ventricular Fibrillation         | 3145 Ventricular Tachycardia            |

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E00** Common Null Values      **E01\_01** Patient Care Report Number  
**E14\_01** Date/Time Vital Signs Taken

## References in NHTSA Version 1

Desirable Element 66 Initial Cardiac Rhythm

# SBP (SYSTOLIC BLOOD PRESSURE)

E14\_04

Data [number]

## Definition

The patient's systolic blood pressure

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *SBP*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 400

XSD Structure: (1) Each element in section E14 is associated with a E14\_01 Date/Time. (2) E14\_04, E14\_05, and E14\_06 are all members of E14\_04\_0 Blood Pressure Structure

## Field Values

## Additional Information

- Could be collected from Device Systolic Blood Pressure (E21\_14)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

**E14\_05** DBP (Diastolic Blood Pressure)

**E14\_06** Method of Blood Pressure Measurement

## References in NHTSA Version 1

Essential Element 70 Systolic Blood Pressure



# DBP (DIASTOLIC BLOOD PRESSURE)

E14\_05

**Data** [number]

## Definition

The patient's diastolic blood pressure

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *DBP*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 200

XSD Structure: (1) Each element in section E14 is associated with a E14\_01 Date/Time. (2) E14\_04, E14\_05, and E14\_06 are all members of E14\_04\_0 Blood Pressure Structure

## Field Values

## Additional Information

- Could be collected from Device Diastolic Blood Pressure (E21\_15)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

**E14\_04** SBP (Systolic Blood Pressure)

**E14\_06** Method of Blood Pressure Measurement

## References in NHTSA Version 1

Essential Element 71 Diastolic Blood Pressure

# METHOD OF BLOOD PRESSURE MEASUREMENT

E14\_06

**Data** [combo] single-choice

## Definition

Indication of method of blood pressure procedure.

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *MethodOfBloodPressure*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** No

**Required in XSD** No

XSD Structure: (1) Each element 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)

# PULSE RATE

E14\_07

**Data** [number]

## Definition

The patient's pulse rate, palpated or auscultated, expressed as a number per minute

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PulseRate*

**Multiple Entry Configuration** Yes, via structure  
empty

**Accepts Null Values** Yes, but null value is blank or

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 500

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

## Additional Information

- Could be collected from Device Pulse Rate (E21\_13)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

## References in NHTSA Version 1

Essential Element 65 Pulse Rate

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Patient Pulse; Presence of a Pulse at the time of patient transfer to another service.; Pick-List: Pulse on Transfer = 1, No; Pulse of Transfer = 2

# ELECTRONIC MONITOR RATE

E14\_08

**Data** [number]

## Definition

The patient's heart rate as recorded by an electronic monitoring device (ECG, pulse oximetry, etc.)

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *ElectricMonitorRate*

**Multiple Entry Configuration** Yes, via structure  
empty

**Accepts Null Values** Yes, but null value is blank or

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 500

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

## Additional Information

- Could be collected from Device Heart Rate (E21\_12)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

# PULSE OXIMETRY

E14\_09

**Data** [number]

## Definition

The patient's oxygen saturation

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PulseOximetry*

**Multiple Entry Configuration** Yes, via structure  
empty

**Accepts Null Values** Yes, but null value is blank or

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 100

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

## Additional Information

- Could be collected from Device Pulse Oximetry (E21\_17)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

# PULSE RHYTHM

E14\_10

**Data** [combo] single-choice

## Definition

The clinical rhythm of the patients pulse (regular, irregular, etc.)

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PulseRhythm*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

3175 Regular

3180 Irregular

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

# RESPIRATORY RATE

E14\_11

**Data** [number]

## Definition

The patient's respiratory rate expressed as a number per minute

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *RespiratoryRate*

**Multiple Entry Configuration** Yes, via structure  
empty

**Accepts Null Values** Yes, but null value is blank or

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 100

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

## Additional Information

- Could be collected from Device Respiratory Rate (E21\_16)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

## References in NHTSA Version 1

Essential Element 68 Respiratory Rate

# RESPIRATORY EFFORT

E14\_12

**Data** [text]

## Definition

The patient's respiratory effort

**XSD Data Type** *xs:integer*                      **XSD Domain (Simple Type)** *RespiratoryEffort*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    Yes

**Required in XSD** No

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	3185	Normal
3190	Labored	3195	Fatigued
3200	Absent	3205	Not Assessed

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E14_01</b>	Date/Time Vital Signs Taken		

## References in NHTSA Version 1

Desirable Element 69    Respiratory Effort



# CARBON DIOXIDE

E14\_13

**Data** [number]

## Definition

The patient's end-tidal or other CO2 level.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** CO2

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 100

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

## Additional Information

- Could be collected from Device CO2 or ETCO2 (E21\_18)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

# BLOOD GLUCOSE LEVEL

E14\_14

**Data** [number]

## Definition

The patient's blood glucose level

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *BloodGlucoseLevel*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No **Minimum Constraint** 0 **Maximum Constraint** 2,000

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

# GLASGOW COMA SCORE-EYE

E14\_15

Data [number]

## Definition

The patient's Glasgow Coma Score Eye opening

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *GCSEye*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 4

XSD Structure: (1) Each element 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

# GLASGOW COMA SCORE-VERBAL

E14\_16

Data [number]

## Definition

The patient's Glasgow Coma Score Verbal

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *GCSVerbal*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 5

XSD Structure: (1) Each element 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 2-5 years: 1 = None
- Patients 2-5 years: 2 = Grunts
- Patients 2-5 years: 3 = Cries and/or screams
- Patients 2-5 years: 4 = Inappropriate words
- Patients 2-5 years: 5 = Appropriate words
- Patients >5 years: 1 = None
- Patients >5 years: 2 = Non-specified sounds
- Patients >5 years: 3 = Inappropriate words
- Patients >5 years: 4 = Confused conversation or
- Patients >5 years: 5 = Oriented and appropriate speech

## Additional Information

- Can be configured as a single choice list box

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

**E14\_15** Glasgow Coma Score-Eye

**E14\_17** Glasgow Coma Score-Motor

**E14\_18** Glasgow Coma Score-Qualifier

**E14\_19** Total Glasgow Coma Score

## References in NHTSA Version 1

Essential Element 74a Glasgow Verbal Component For patients >5 years

Essential Element 74b Glasgow Verbal Component For patients 2-5 years

Essential Element 74c Glasgow Verbal Component for patients 0-23 months

# GLASGOW COMA SCORE-MOTOR

E14\_17

Data [number]

## Definition

The patient's Glasgow Coma Score Motor

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *GCSMotor*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 6

XSD Structure: (1) Each element 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 >5 years: 1 = None
- Patients up to 5 years: 2 = Extensor posturing in response to painful stimulation
- Patients >5 years: 2 = Extensor posturing in response to painful stimulation
- Patients up to 5 years: 3 = Flexor posturing in response to painful stimulation
- Patients >5 years: 3 = Flexor posturing in response to painful stimulation
- Patients up to 5 years: 4 = General withdrawal in response to painful stimulation
- Patients >5 years: 4 = General withdrawal in response to painful stimulation
- Patients up to 5 years: 5 = Localization of painful stimulation
- Patients >5 years: 5 = Localization of painful stimulation
- Patients up to 5 years: 6 = Spontaneous
- Patients >5 years: 6 = Obeys commands with appropriate motor responses

## Additional Information

- Can be configured as a single choice list box

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

**E14\_15** Glasgow Coma Score-Eye

**E14\_16** Glasgow Coma Score-Verbal

**E14\_18** Glasgow Coma Score-Qualifier

**E14\_19** Total Glasgow Coma Score

## References in NHTSA Version 1

Essential Element 75a Glasgow Motor Component For patients >5 years

Essential Element 75b Glasgow Motor Component For patients up to 5 years

# GLASGOW COMA SCORE-QUALIFIER

E14\_18

**Data** [combo] single-choice

## Definition

Documentation of factors which make the GCS score more meaningful.

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *GCSQualifier*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: (1) Each element 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	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E14_01</b> Date/Time Vital Signs Taken	<b>E14_15</b> Glasgow Coma Score-Eye
<b>E14_16</b> Glasgow Coma Score-Verbal	<b>E14_17</b> Glasgow Coma Score-Motor
<b>E14_19</b> Total Glasgow Coma Score	

# TOTAL GLASGOW COMA SCORE

E14\_19

**Data** [number]

## Definition

The patient's total Glasgow Coma Score

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *TotalGCS*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 15

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

## Additional Information

- Calculated from Glasgow Coma Score-Eye (E14\_15), Glasgow Coma Score-Verbal (E14\_16), and Glasgow Coma Score-Motor (E14\_17)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel but could be auto-generated based on the information entered into an electronic patient care report

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

**E14\_15** Glasgow Coma Score-Eye

**E14\_16** Glasgow Coma Score-Verbal

**E14\_17** Glasgow Coma Score-Motor

**E14\_18** Glasgow Coma Score-Qualifier

## References in NHTSA Version 1

Desirable Element 76 Glasgow Coma Score (Total)

# TEMPERATURE

E14\_20

**Data** [number]

## Definition

The patient's body temperature in degrees celsius/centigrade.

**XSD Data Type** *xs:decimal*

**XSD Domain (Simple Type)** *BodyTemperature*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 50

XSD Structure: (1) Each element 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

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

**E14\_21** Temperature Method



# TEMPERATURE METHOD

E14\_21

**Data** [combo] single-choice

## Definition

The method used to obtain the patient's body temperature

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *TemperatureMethod*

**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No

**Required in XSD** No

XSD Structure: (1) Each element 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** [combo] single-choice

## Definition

The patients level of responsiveness

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *LevelOfResponsiveness*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3255 Alert
3260 Verbal	3265 Painful
3270 Unresponsive	

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E14_01</b> Date/Time Vital Signs Taken	

# PAIN SCALE

E14\_23

**Data** [number]

## Definition

The patient's indication of pain from a scale of 0 –10.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PainScale*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 10

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

## Additional Information

- Number from 0 to 10

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS agency

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

# STROKE SCALE

E14\_24

**Data** [combo] single-choice

## Definition

The patient's Los Angeles or Cincinnati Stroke Scale Results

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *StrokeScale*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	3275	Cincinnati Stroke Scale Negative
3280	Cincinnati Stroke Scale Non-conclusive	3285	Cincinnati Stroke Scale Positive
3290	LA Stroke Scale Negative	3295	LA Stroke Scale Non-conclusive
3300	LA Stroke Scale Positive		

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E14_01</b>	Date/Time Vital Signs Taken		

# THROMBOLYTIC SCREEN

E14\_25

**Data** [combo] single-choice

## Definition

The results of the patient's Thrombolytic Screen for potential Thrombolytic use

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *ThrombolyticScreen*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

<b>-25</b> Not Applicable	<b>-20</b> Not Recorded
<b>-15</b> Not Reporting	<b>-10</b> Not Known
<b>-5</b> Not Available	<b>3305</b> Definite Contraindications to Thrombolytic use
<b>3310</b> No Contraindications to Thrombolytic Use	<b>3315</b> 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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E14_01</b> Date/Time Vital Signs Taken	

# APGAR

E14\_26

Data [number]

## Definition

The patient's total APGAR score (0-10). Recommended to be taken at 1 and 5 minutes after the infants birth

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *APGAR*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 10

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

### Additional Information

- Apgar score could be configured as a single choice combo box with values from 0 -10
- Color: 0 = Blue, Pale, 1 = Body Pink, Extremities Blue, 2 = Pink
- Heart Rate: 0 = Absent, 1 = <100, 2 = >100
- Muscle Tone: 0 = Limp, 1 = Some Flexion, 2 = Good Flexion
- Reflex Irritability (when feet stimulated): 0 = No Response, 1 = Some Motion, 2 = Cry
- Respiratory Effort: 0 = Absent, 1 = Weak Cry, 2 = Strong Cry
- The appropriate number for each of the 5 components should be added together

### Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

### Data Collector

- EMS personnel

### Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

# REVISED TRAUMA SCORE

E14\_27

Data [number]

## Definition

The patient's Revised Trauma Score

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *RTS*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 12

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

## Additional Information

- Calculated based on 3 components
- Can be auto-calculated from Respiratory Rate (E14\_11), Systolic Blood Pressure (E14\_04), and Total GCS (E14\_19), if all three components are documented at the same Time (E14\_01)
- Neurological Component: 4 = Glasgow coma score 13 - 15, 3 = Glasgow coma score 9 - 12, 2 = Glasgow coma score 6 - 8, 1 = Glasgow coma score 4 - 5, 0 = Glasgow coma score 3
- Respiratory Rate Component: 4 = 10 - 29 per minute, 3 = >29 per minute, 2 = 6 - 9 per minute, 1 = 1 - 5 per minute, 0 = None spontaneous
- Systolic Blood Pressure Component: 4 = >89 mm Hg, 3 = 76 - 89 mm Hg, 2 = 50 - 75 mm Hg, 1 = 1 - 49 mm Hg, 0 = No pulse

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel but could be auto-generated based on the information entered into an electronic patient care report

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

## References in NHTSA Version 1

Desirable Element 77 Revised Trauma Score

# PEDIATRIC TRAUMA SCORE

E14\_28

Data [number]

## Definition

The Trauma Score for patients age 12 and under

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PediatricTraumaScore*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No

**Minimum Constraint** -6

**Maximum Constraint** 12

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Field Values

## Additional Information

- Age 12 and Under
- Calculated by adding the appropriate response for each of the 5 components below:
- Can be auto-calculated if programming logic is used to confirm all 5 components
- Component Airway: 2 = Normal, 1 = Maintainable, -1 = Un-maintainable or Intubated
- Component CNS: 2 = Awake, 1 = Altered Mental Status/Obtunded, -1 = Coma/Abnormal Flexion
- Component Open Wounds: 2 = None, 1 = Minor, -1 = Major/Penetrating
- Component Size: 2 = >20 kg, 1 = 10 – 20 kg, -1 = <10 kg
- Component Skeletal Injury: 2 = None, 1 = Closed Fracture, -1 = Open/Multiple Fractures
- Component Systolic Blood Pressure: 2 = > 90 mmHg (or palpable pulse at wrist), 1 = 50–90 mmHg (or palpable pulse at groin), -1 = < 50 mmHg (or no pulse palpable)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel but could be auto-generated based on the information entered into an electronic patient care report

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken



# *Assessment/ Injury*

# NHTSA INJURY MATRIX EXTERNAL/SKIN

E15\_01

**Data** [combo] multiple-choice

## Definition

Type of injury identified and associated with the external body/Skin (including burns)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*  
**Multiple Entry Configuration**    Yes      **Accepts Null Values**    Yes  
**Required in XSD**    No

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3320 Amputation
3325 Bleeding Controlled	3330 Bleeding Uncontrolled
3335 Burn	3340 Crush
3345 Dislocation Fracture	3350 Gunshot
3355 Laceration	3360 Pain without swelling/bruising
3365 Puncture/stab	3370 Soft Tissue Swelling/Bruising

## Additional Information

- Blunt Injury Removed from NHTSA 1.0

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

## References in NHTSA Version 1

Essential Element 53    Injury Description

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- **NFIRS 5.0** EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

# NHTSA INJURY MATRIX HEAD

E15\_02

**Data** [combo] multiple-choice

## Definition

Type of injury identified and associated with the Head (excluding face, neck, cervical spine, and ear)

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *NHTSAInjuryMatrix*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

3320 Amputation

3325 Bleeding Controlled

3330 Bleeding Uncontrolled

3335 Burn

3340 Crush

3345 Dislocation Fracture

3350 Gunshot

3355 Laceration

3360 Pain without swelling/bruising

3365 Puncture/stab

3370 Soft Tissue Swelling/Bruising

## Additional Information

- Blunt Injury Removed from NHTSA 1.0

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 53 Injury Description

# NHTSA INJURY MATRIX FACE

E15\_03

**Data** [combo] multiple-choice

## Definition

Type of injury identified and associated with the Face (including ear)

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *NHTSAInjuryMatrix*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

3320 Amputation

3325 Bleeding Controlled

3330 Bleeding Uncontrolled

3335 Burn

3340 Crush

3345 Dislocation Fracture

3350 Gunshot

3355 Laceration

3360 Pain without swelling/bruising

3365 Puncture/stab

3370 Soft Tissue Swelling/Bruising

## Additional Information

- Blunt Injury Removed from NHTSA 1.0

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 53 Injury Description

# NHTSA INJURY MATRIX NECK

E15\_04

**Data** [combo] multiple-choice

## Definition

Type of injury identified and associated with the Neck

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *NHTSAInjuryMatrix*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

3320 Amputation

3325 Bleeding Controlled

3330 Bleeding Uncontrolled

3335 Burn

3340 Crush

3345 Dislocation Fracture

3350 Gunshot

3355 Laceration

3360 Pain without swelling/bruising

3365 Puncture/stab

3370 Soft Tissue Swelling/Bruising

## Additional Information

- Blunt Injury Removed from NHTSA 1.0

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 53 Injury Description

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- **NFIRS 5.0** EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

# NHTSA INJURY MATRIX THORAX

E15\_05

**Data** [combo] multiple-choice

## Definition

Type of injury identified and associated with the Thorax (excluding the thoracic spine)

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *NHTSAInjuryMatrix*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-15 Not Reporting

-5 Not Available

3325 Bleeding Controlled

3335 Burn

3345 Dislocation Fracture

3355 Laceration

3365 Puncture/stab

-20 Not Recorded

-10 Not Known

3320 Amputation

3330 Bleeding Uncontrolled

3340 Crush

3350 Gunshot

3360 Pain without swelling/bruising

3370 Soft Tissue Swelling/Bruising

## Additional Information

- Blunt Injury Removed from NHTSA 1.0

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 53 Injury Description

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- **NFIRS 5.0** EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

# NHTSA INJURY MATRIX ABDOMEN

E15\_06

**Data** [combo] multiple-choice

## Definition

Type of injury identified and associated with the Abdomen (excluding the lumbar spine)

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *NHTSAInjuryMatrix*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

3320 Amputation

3325 Bleeding Controlled

3330 Bleeding Uncontrolled

3335 Burn

3340 Crush

3345 Dislocation Fracture

3350 Gunshot

3355 Laceration

3360 Pain without swelling/bruising

3365 Puncture/stab

3370 Soft Tissue Swelling/Bruising

## Additional Information

- Blunt Injury Removed from NHTSA 1.0

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 53 Injury Description

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- **NFIRS 5.0** EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

# NHTSA INJURY MATRIX SPINE

E15\_07

**Data** [combo] multiple-choice

## Definition

Type of injury identified and associated with the Spine

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *NHTSAInjuryMatrix*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

3320 Amputation

3325 Bleeding Controlled

3330 Bleeding Uncontrolled

3335 Burn

3340 Crush

3345 Dislocation Fracture

3350 Gunshot

3355 Laceration

3360 Pain without swelling/bruising

3365 Puncture/stab

3370 Soft Tissue Swelling/Bruising

## Additional Information

- Blunt Injury Removed from NHTSA 1.0

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 53 Injury Description

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- **NFIRS 5.0** EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00



# NHTSA INJURY MATRIX UPPER EXTREMITIES

E15\_08

**Data** [combo] multiple-choice

## Definition

Type of injury identified and associated with the Upper Extremities

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*  
**Multiple Entry Configuration**    Yes      **Accepts Null Values**    Yes  
**Required in XSD**    No

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3320 Amputation
3325 Bleeding Controlled	3330 Bleeding Uncontrolled
3335 Burn	3340 Crush
3345 Dislocation Fracture	3350 Gunshot
3355 Laceration	3360 Pain without swelling/bruising
3365 Puncture/stab	3370 Soft Tissue Swelling/Bruising

## Additional Information

- Blunt Injury Removed from NHTSA 1.0

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

## References in NHTSA Version 1

Essential Element 53    Injury Description

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- **NFIRS 5.0** EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

# NHTSA INJURY MATRIX PELVIS

E15\_09

**Data** [combo] multiple-choice

## Definition

Type of injury identified and associated with the Pelvis

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*  
**Multiple Entry Configuration**    Yes      **Accepts Null Values**    Yes  
**Required in XSD** No

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3320 Amputation
3325 Bleeding Controlled	3330 Bleeding Uncontrolled
3335 Burn	3340 Crush
3345 Dislocation Fracture	3350 Gunshot
3355 Laceration	3360 Pain without swelling/bruising
3365 Puncture/stab	3370 Soft Tissue Swelling/Bruising

## Additional Information

- Blunt Injury Removed from NHTSA 1.0

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values      **E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 53 Injury Description

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- **NFIRS 5.0** EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

# NHTSA INJURY MATRIX LOWER EXTREMITIES

E15\_10

**Data** [combo] multiple-choice

## Definition

Type of injury identified and associated with the Lower Extremities

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*  
**Multiple Entry Configuration**    Yes      **Accepts Null Values**    Yes  
**Required in XSD**    No

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3320 Amputation
3325 Bleeding Controlled	3330 Bleeding Uncontrolled
3335 Burn	3340 Crush
3345 Dislocation Fracture	3350 Gunshot
3355 Laceration	3360 Pain without swelling/bruising
3365 Puncture/stab	3370 Soft Tissue Swelling/Bruising

## Additional Information

- Blunt Injury Removed from NHTSA 1.0

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

## References in NHTSA Version 1

Essential Element 53    Injury Description

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- **NFIRS 5.0** EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

# NHTSA INJURY MATRIX UNSPECIFIED

E15\_11

**Data** [combo] multiple-choice

## Definition

Type of injury identified and associated with Unspecified

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *NHTSAInjuryMatrix*  
**Multiple Entry Configuration**    Yes      **Accepts Null Values**    Yes  
**Required in XSD**    No

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3320 Amputation
3325 Bleeding Controlled	3330 Bleeding Uncontrolled
3335 Burn	3340 Crush
3345 Dislocation Fracture	3350 Gunshot
3355 Laceration	3360 Pain without swelling/bruising
3365 Puncture/stab	3370 Soft Tissue Swelling/Bruising

## Additional Information

- Blunt Injury Removed from NHTSA 1.0

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

## References in NHTSA Version 1

Essential Element 53    Injury Description

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Body Site of Injury; Describes parts of the body where injuries occurred.; Pick-List (limited to 5 max body parts): Head = 1, Neck and Shoulder = 2, Thorax, Includes Chest and Back, Excludes Spine = 3, Abdomen = 4, Spine = 5, Upper Extremities = 6, Lower Extremities = 7, Internal = 8, Multiple Body Parts = 9, No Body Site of Injury = N
- **NFIRS 5.0** EMS Module; Title: Injury Type; Describes the primary injuries sustained by a patient for each part of the body.; Pick-List: Amputation = 10, Blunt Injury = 11, Burn = 12, Crush = 13, Dislocation/Fracture = 14, Gunshot = 15, Laceration = 16, Pain Without Swelling = 17, Puncture/Stab = 18, Soft Tissue Swelling = 19, Other Injury Type = 00

# *Assessment/ Exam*

# ESTIMATED BODY WEIGHT

E16\_01

**Data** [number]

## Definition

The patient's body weight in kilograms, either measured or estimated

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *EstimatedBodyWeight*

**Multiple Entry Configuration** No

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 500

## Field Values

## Uses

- Part of an EMS Medical Record and to better determine equipment sizes and medication dosages
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

# BROSELOW/LUTEN COLOR

E16\_02

**Data** [combo] single-choice

## Definition

The Broselow/Luten Color as take from the tape

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *BroselowLutenColor*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

3375 Blue

3380 Green

3385 Grey

3390 Orange

3395 Pink

3400 Purple

3405 Red

3410 White

3415 Yellow

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# DATE/TIME OF ASSESSMENT

E16\_03

**Data** [date/time]

## Definition

The date/time assessment was made on the patient

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** Yes, via structure  
empty

**Accepts Null Values** Yes, but null value is blank or

**Required in XSD** No

**Minimum Constraint** 1,990 **Maximum Constraint** 2,030

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- This is a multiple entry configuration which will allow multiple assessments to be documented

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E16\_05** Head/Face Assessment

**E16\_07** Chest/Lungs Assessment

**E16\_09** Abdomen Left Upper Assessment

**E16\_11** Abdomen Right Upper Assessment

**E16\_13** GU Assessment

**E16\_15** Back Thoracic Assessment

**E16\_17** Extremities-Right Upper Assessment

**E16\_19** Extremities-Left Upper Assessment

**E16\_21** Eyes-Left Assessment

**E16\_23** Mental Status Assessment

**E16\_04** Skin Assessment

**E16\_06** Neck Assessment

**E16\_08** Heart Assessment

**E16\_10** Abdomen Left Lower Assessment

**E16\_12** Abdomen Right Lower Assessment

**E16\_14** Back Cervical Assessment

**E16\_16** Back Lumbar/Sacral Assessment

**E16\_18** Extremities-Right Lower Assessment

**E16\_20** Extremities-Left Lower Assessment

**E16\_22** Eyes-Right Assessment

**E16\_24** Neurological Assessment



# SKIN ASSESSMENT

E16\_04

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's skin on examination

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *SkinAssessment*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_05</b> Head/Face Assessment
<b>E16_06</b> Neck Assessment	<b>E16_07</b> Chest/Lungs Assessment
<b>E16_08</b> Heart Assessment	<b>E16_09</b> Abdomen Left Upper Assessment
<b>E16_10</b> Abdomen Left Lower Assessment	<b>E16_11</b> Abdomen Right Upper Assessment
<b>E16_12</b> Abdomen Right Lower Assessment	<b>E16_13</b> GU Assessment
<b>E16_14</b> Back Cervical Assessment	<b>E16_15</b> Back Thoracic Assessment
<b>E16_16</b> Back Lumbar/Sacral Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

## References in NHTSA Version 1

Desirable Element 72 Skin Perfusion



# HEAD/FACE ASSESSMENT

E16\_05

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's face on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *HeadFaceAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_06</b> Neck Assessment	<b>E16_07</b> Chest/Lungs Assessment
<b>E16_08</b> Heart Assessment	<b>E16_09</b> Abdomen Left Upper Assessment
<b>E16_10</b> Abdomen Left Lower Assessment	<b>E16_11</b> Abdomen Right Upper Assessment
<b>E16_12</b> Abdomen Right Lower Assessment	<b>E16_13</b> GU Assessment
<b>E16_14</b> Back Cervical Assessment	<b>E16_15</b> Back Thoracic Assessment
<b>E16_16</b> Back Lumbar/Sacral Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# NECK ASSESSMENT

E16\_06

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's head & neck area on examination

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *NeckAssessment*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_07</b> Chest/Lungs Assessment
<b>E16_08</b> Heart Assessment	<b>E16_09</b> Abdomen Left Upper Assessment
<b>E16_10</b> Abdomen Left Lower Assessment	<b>E16_11</b> Abdomen Right Upper Assessment
<b>E16_12</b> Abdomen Right Lower Assessment	<b>E16_13</b> GU Assessment
<b>E16_14</b> Back Cervical Assessment	<b>E16_15</b> Back Thoracic Assessment
<b>E16_16</b> Back Lumbar/Sacral Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# CHEST/LUNGS ASSESSMENT

E16\_07

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's chest on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ChestLungsAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E16_03</b>	Date/Time of Assessment	<b>E16_04</b>	Skin Assessment
<b>E16_05</b>	Head/Face Assessment	<b>E16_06</b>	Neck Assessment
<b>E16_08</b>	Heart Assessment	<b>E16_09</b>	Abdomen Left Upper Assessment
<b>E16_10</b>	Abdomen Left Lower Assessment	<b>E16_11</b>	Abdomen Right Upper Assessment
<b>E16_12</b>	Abdomen Right Lower Assessment	<b>E16_13</b>	GU Assessment
<b>E16_14</b>	Back Cervical Assessment	<b>E16_15</b>	Back Thoracic Assessment
<b>E16_16</b>	Back Lumbar/Sacral Assessment	<b>E16_17</b>	Extremities-Right Upper Assessment
<b>E16_18</b>	Extremities-Right Lower Assessment	<b>E16_19</b>	Extremities-Left Upper Assessment
<b>E16_20</b>	Extremities-Left Lower Assessment	<b>E16_21</b>	Eyes-Left Assessment
<b>E16_22</b>	Eyes-Right Assessment	<b>E16_23</b>	Mental Status Assessment
<b>E16_24</b>	Neurological Assessment		

# HEART ASSESSMENT

E16\_08

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's heart on examination

**XSD Data Type** *xs:integer*                      **XSD Domain (Simple Type)** *HeartAssessment*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_05</b> Head/Face Assessment
<b>E16_06</b> Neck Assessment	<b>E16_07</b> Chest/Lungs Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_09</b> Abdomen Left Upper Assessment
<b>E16_10</b> Abdomen Left Lower Assessment	<b>E16_11</b> Abdomen Right Upper Assessment
<b>E16_12</b> Abdomen Right Lower Assessment	<b>E16_13</b> GU Assessment
<b>E16_14</b> Back Cervical Assessment	<b>E16_15</b> Back Thoracic Assessment
<b>E16_16</b> Back Lumbar/Sacral Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# ABDOMEN LEFT UPPER ASSESSMENT

E16\_09

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's left upper abdomen on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *AbdomenLeftUpperAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_10</b> Abdomen Left Lower Assessment	<b>E16_11</b> Abdomen Right Upper Assessment
<b>E16_12</b> Abdomen Right Lower Assessment	<b>E16_13</b> GU Assessment
<b>E16_14</b> Back Cervical Assessment	<b>E16_15</b> Back Thoracic Assessment
<b>E16_16</b> Back Lumbar/Sacral Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# ABDOMEN LEFT LOWER ASSESSMENT

E16\_10

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's left lower abdomen on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *AbdomenLowerLeftAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_11</b> Abdomen Right Upper Assessment
<b>E16_12</b> Abdomen Right Lower Assessment	<b>E16_13</b> GU Assessment
<b>E16_14</b> Back Cervical Assessment	<b>E16_15</b> Back Thoracic Assessment
<b>E16_16</b> Back Lumbar/Sacral Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	



# ABDOMEN RIGHT UPPER ASSESSMENT

E16\_11

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's right upper abdomen on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *AbdomenRightUpperAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_10</b> Abdomen Left Lower Assessment
<b>E16_12</b> Abdomen Right Lower Assessment	<b>E16_13</b> GU Assessment
<b>E16_14</b> Back Cervical Assessment	<b>E16_15</b> Back Thoracic Assessment
<b>E16_16</b> Back Lumbar/Sacral Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# ABDOMEN RIGHT LOWER ASSESSMENT

E16\_12

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's right lower abdomen on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *AbdomenRightLowerAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_10</b> Abdomen Left Lower Assessment
<b>E16_11</b> Abdomen Right Upper Assessment	<b>E16_13</b> GU Assessment
<b>E16_14</b> Back Cervical Assessment	<b>E16_15</b> Back Thoracic Assessment
<b>E16_16</b> Back Lumbar/Sacral Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's GU area on examination

**XSD Data Type** *xs:integer*                      **XSD Domain (Simple Type)** *GUAssessment*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_10</b> Abdomen Left Lower Assessment
<b>E16_11</b> Abdomen Right Upper Assessment	<b>E16_12</b> Abdomen Right Lower Assessment
<b>E16_14</b> Back Cervical Assessment	<b>E16_15</b> Back Thoracic Assessment
<b>E16_16</b> Back Lumbar/Sacral Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# BACK CERVICAL ASSESSMENT

E16\_14

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's back-cervical on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *BackCervicalAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_10</b> Abdomen Left Lower Assessment
<b>E16_11</b> Abdomen Right Upper Assessment	<b>E16_12</b> Abdomen Right Lower Assessment
<b>E16_13</b> GU Assessment	<b>E16_15</b> Back Thoracic Assessment
<b>E16_16</b> Back Lumbar/Sacral Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# BACK THORACIC ASSESSMENT

E16\_15

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's back-thoracic on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *BackThoracicAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_10</b> Abdomen Left Lower Assessment
<b>E16_11</b> Abdomen Right Upper Assessment	<b>E16_12</b> Abdomen Right Lower Assessment
<b>E16_13</b> GU Assessment	<b>E16_14</b> Back Cervical Assessment
<b>E16_16</b> Back Lumbar/Sacral Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# BACK LUMBAR/SACRAL ASSESSMENT

E16\_16

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's back-lumbar/sacral on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *BackLumbarSacralAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_10</b> Abdomen Left Lower Assessment
<b>E16_11</b> Abdomen Right Upper Assessment	<b>E16_12</b> Abdomen Right Lower Assessment
<b>E16_13</b> GU Assessment	<b>E16_14</b> Back Cervical Assessment
<b>E16_15</b> Back Thoracic Assessment	<b>E16_17</b> Extremities-Right Upper Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# EXTREMITIES-RIGHT UPPER ASSESSMENT

E16\_17

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's right upper extremities on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ExtremitiesRightUpperAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3840 Normal
3845 Not Done	3850 Abnormal Pulse
3855 Abnormal Sensation	3860 Edema
3865 Tenderness	3870 Weakness

## Additional Information

- Associated in Database schema to Date/Time (E16\_03) to allow multiple assessments

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_10</b> Abdomen Left Lower Assessment
<b>E16_11</b> Abdomen Right Upper Assessment	<b>E16_12</b> Abdomen Right Lower Assessment
<b>E16_13</b> GU Assessment	<b>E16_14</b> Back Cervical Assessment
<b>E16_15</b> Back Thoracic Assessment	<b>E16_16</b> Back Lumbar/Sacral Assessment
<b>E16_18</b> Extremities-Right Lower Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# EXTREMITIES-RIGHT LOWER ASSESSMENT

E16\_18

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's right lower extremities on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ExtremitiesRightLowerAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3875 Normal
3880 Not Done	3885 Abnormal Pulse
3890 Abnormal Sensation	3895 Edema
3900 Tenderness	3905 Weakness

## Additional Information

- Associated in Database schema to Date/Time (E16\_03) to allow multiple assessments

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_10</b> Abdomen Left Lower Assessment
<b>E16_11</b> Abdomen Right Upper Assessment	<b>E16_12</b> Abdomen Right Lower Assessment
<b>E16_13</b> GU Assessment	<b>E16_14</b> Back Cervical Assessment
<b>E16_15</b> Back Thoracic Assessment	<b>E16_16</b> Back Lumbar/Sacral Assessment
<b>E16_17</b> Extremities-Right Upper Assessment	<b>E16_19</b> Extremities-Left Upper Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	



# EXTREMITIES-LEFT UPPER ASSESSMENT

E16\_19

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's left upper extremities on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ExtremitiesLeftUpperAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_10</b> Abdomen Left Lower Assessment
<b>E16_11</b> Abdomen Right Upper Assessment	<b>E16_12</b> Abdomen Right Lower Assessment
<b>E16_13</b> GU Assessment	<b>E16_14</b> Back Cervical Assessment
<b>E16_15</b> Back Thoracic Assessment	<b>E16_16</b> Back Lumbar/Sacral Assessment
<b>E16_17</b> Extremities-Right Upper Assessment	<b>E16_18</b> Extremities-Right Lower Assessment
<b>E16_20</b> Extremities-Left Lower Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# EXTREMITIES-LEFT LOWER ASSESSMENT

E16\_20

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's left lower extremities on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ExtremitiesLeftLowerAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3945 Normal
3950 Not Done	3955 Abnormal Pulse
3960 Abnormal Sensation	3965 Edema
3970 Tenderness	3975 Weakness

## Additional Information

- Associated in Database schema to Date/Time (E16\_03) to allow multiple assessments

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_10</b> Abdomen Left Lower Assessment
<b>E16_11</b> Abdomen Right Upper Assessment	<b>E16_12</b> Abdomen Right Lower Assessment
<b>E16_13</b> GU Assessment	<b>E16_14</b> Back Cervical Assessment
<b>E16_15</b> Back Thoracic Assessment	<b>E16_16</b> Back Lumbar/Sacral Assessment
<b>E16_17</b> Extremities-Right Upper Assessment	<b>E16_18</b> Extremities-Right Lower Assessment
<b>E16_19</b> Extremities-Left Upper Assessment	<b>E16_21</b> Eyes-Left Assessment
<b>E16_22</b> Eyes-Right Assessment	<b>E16_23</b> Mental Status Assessment
<b>E16_24</b> Neurological Assessment	

# EYES-LEFT ASSESSMENT

E16\_21

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's left eye on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *EyesLeftAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E16_03</b>	Date/Time of Assessment	<b>E16_04</b>	Skin Assessment
<b>E16_05</b>	Head/Face Assessment	<b>E16_06</b>	Neck Assessment
<b>E16_07</b>	Chest/Lungs Assessment	<b>E16_08</b>	Heart Assessment
<b>E16_09</b>	Abdomen Left Upper Assessment	<b>E16_10</b>	Abdomen Left Lower Assessment
<b>E16_11</b>	Abdomen Right Upper Assessment	<b>E16_12</b>	Abdomen Right Lower Assessment
<b>E16_13</b>	GU Assessment	<b>E16_14</b>	Back Cervical Assessment
<b>E16_15</b>	Back Thoracic Assessment	<b>E16_16</b>	Back Lumbar/Sacral Assessment
<b>E16_17</b>	Extremities-Right Upper Assessment	<b>E16_18</b>	Extremities-Right Lower Assessment
<b>E16_19</b>	Extremities-Left Upper Assessment	<b>E16_20</b>	Extremities-Left Lower Assessment
<b>E16_22</b>	Eyes-Right Assessment	<b>E16_23</b>	Mental Status Assessment
<b>E16_24</b>	Neurological Assessment		

# EYES-RIGHT ASSESSMENT

E16\_22

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's right eye on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *EyesRightAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E16_03</b>	Date/Time of Assessment	<b>E16_04</b>	Skin Assessment
<b>E16_05</b>	Head/Face Assessment	<b>E16_06</b>	Neck Assessment
<b>E16_07</b>	Chest/Lungs Assessment	<b>E16_08</b>	Heart Assessment
<b>E16_09</b>	Abdomen Left Upper Assessment	<b>E16_10</b>	Abdomen Left Lower Assessment
<b>E16_11</b>	Abdomen Right Upper Assessment	<b>E16_12</b>	Abdomen Right Lower Assessment
<b>E16_13</b>	GU Assessment	<b>E16_14</b>	Back Cervical Assessment
<b>E16_15</b>	Back Thoracic Assessment	<b>E16_16</b>	Back Lumbar/Sacral Assessment
<b>E16_17</b>	Extremities-Right Upper Assessment	<b>E16_18</b>	Extremities-Right Lower Assessment
<b>E16_19</b>	Extremities-Left Upper Assessment	<b>E16_20</b>	Extremities-Left Lower Assessment
<b>E16_21</b>	Eyes-Left Assessment	<b>E16_23</b>	Mental Status Assessment
<b>E16_24</b>	Neurological Assessment		

# MENTAL STATUS ASSESSMENT

E16\_23

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's mental status on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *MentalStatusAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E16_03</b>	Date/Time of Assessment	<b>E16_04</b>	Skin Assessment
<b>E16_05</b>	Head/Face Assessment	<b>E16_06</b>	Neck Assessment
<b>E16_07</b>	Chest/Lungs Assessment	<b>E16_08</b>	Heart Assessment
<b>E16_09</b>	Abdomen Left Upper Assessment	<b>E16_10</b>	Abdomen Left Lower Assessment
<b>E16_11</b>	Abdomen Right Upper Assessment	<b>E16_12</b>	Abdomen Right Lower Assessment
<b>E16_13</b>	GU Assessment	<b>E16_14</b>	Back Cervical Assessment
<b>E16_15</b>	Back Thoracic Assessment	<b>E16_16</b>	Back Lumbar/Sacral Assessment
<b>E16_17</b>	Extremities-Right Upper Assessment	<b>E16_18</b>	Extremities-Right Lower Assessment
<b>E16_19</b>	Extremities-Left Upper Assessment	<b>E16_20</b>	Extremities-Left Lower Assessment
<b>E16_21</b>	Eyes-Left Assessment	<b>E16_22</b>	Eyes-Right Assessment
<b>E16_24</b>	Neurological Assessment		

# NEUROLOGICAL ASSESSMENT

E16\_24

**Data** [combo] multiple-choice

## Definition

The assessment of the patient's neurological status on examination

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *NeurologicalAssessment*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements beginning with E16\_03 and ending with E16\_24 are all members of E16\_00\_0 Assessment Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E16_03</b> Date/Time of Assessment	<b>E16_04</b> Skin Assessment
<b>E16_05</b> Head/Face Assessment	<b>E16_06</b> Neck Assessment
<b>E16_07</b> Chest/Lungs Assessment	<b>E16_08</b> Heart Assessment
<b>E16_09</b> Abdomen Left Upper Assessment	<b>E16_10</b> Abdomen Left Lower Assessment
<b>E16_11</b> Abdomen Right Upper Assessment	<b>E16_12</b> Abdomen Right Lower Assessment
<b>E16_13</b> GU Assessment	<b>E16_14</b> Back Cervical Assessment
<b>E16_15</b> Back Thoracic Assessment	<b>E16_16</b> Back Lumbar/Sacral Assessment
<b>E16_17</b> Extremities-Right Upper Assessment	<b>E16_18</b> Extremities-Right Lower Assessment
<b>E16_19</b> Extremities-Left Upper Assessment	<b>E16_20</b> Extremities-Left Lower Assessment
<b>E16_21</b> Eyes-Left Assessment	<b>E16_22</b> Eyes-Right Assessment
<b>E16_23</b> Mental Status Assessment	

# *Intervention*

# PROTOCOLS USED

E17\_01

**Data** [combo] multiple-choice

## Definition

The protocol used by EMS personnel to direct the clinical care of the patient

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *ProtocolsUsed*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- List created from Protocols (D04\_08)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number



# *Intervention/ Medication*

# DATE/TIME MEDICATION ADMINISTERED

E18\_01

**Data** [date/time]

## Definition

The date/time medication administered to the patient

**XSD Data Type** *xs:dateTime*      **XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No      **Minimum Constraint** 1,990      **Maximum Constraint** 2,030

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- This is a multiple entry configuration which will allow multiple medication administrations to be documented

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E01_01</b> Patient Care Report Number	<b>E18_02</b> Medication Administered Prior to this Units EMS Care
<b>E18_03</b> Medication Given	<b>E18_04</b> Medication Administered Route
<b>E18_05</b> Medication Dosage	<b>E18_06</b> Medication Dosage Units
<b>E18_07</b> Response to Medication	<b>E18_08</b> Medication Complication
<b>E18_09</b> Medication Crew Member ID	<b>E18_10</b> Medication Authorization
<b>E18_11</b> Medication Authorizing Physician	

# MEDICATION ADMINISTERED PRIOR TO THIS UNITS EMS CARE

E18\_02

**Data** [combo] single-choice

## Definition

Indicates that the medication administration which is documented was administered prior to this EMS unit's care.

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *YesNoValues*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	0 No
1 Yes	

## Additional Information

- If E18\_02 is "Yes", the Date/Time Medication Administered (E18\_01) is not required

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E18_01</b> Date/Time Medication Administered	<b>E18_03</b> Medication Given
<b>E18_04</b> Medication Administered Route	<b>E18_05</b> Medication Dosage
<b>E18_06</b> Medication Dosage Units	<b>E18_07</b> Response to Medication
<b>E18_08</b> Medication Complication	<b>E18_09</b> Medication Crew Member ID
<b>E18_10</b> Medication Authorization	<b>E18_11</b> Medication Authorizing Physician

# MEDICATION GIVEN

E18\_03

Data [combo] single-choice

*National Element*

## Definition

The medication given to the patient

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *MedicationsGiven*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** Yes

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- List created from Medications (D04\_06)

## Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the medications administered by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E18\_01** Date/Time Medication Administered

**E18\_02** Medication Administered Prior to this Units EMS Care

**E18\_04** Medication Administered Route

**E18\_05** Medication Dosage

**E18\_06** Medication Dosage Units

**E18\_07** Response to Medication

**E18\_08** Medication Complication

**E18\_09** Medication Crew Member ID

**E18\_10** Medication Authorization

**E18\_11** Medication Authorizing Physician

## References in NHTSA Version 1

Essential Element 80 Medication Name

## References to Other Databases

- NFIRS 5.0 EMS Module, Title: Procedures Used, Multi Select List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instruction = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN

# MEDICATION ADMINISTERED ROUTE

E18\_04

**Data** [combo] single-choice

## Definition

The route that the medication was administered to the patient.

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *MedicationAdministeredRoute*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	4175	Endotracheal tube
4180	Gastrostomy tube	4185	Inhalation
4190	Intramuscular	4191	Intraosseous
4195	Intranasal	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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E18_01</b>	Date/Time Medication Administered	<b>E18_02</b>	Medication Administered Prior to this Units EMS Care
<b>E18_03</b>	Medication Given	<b>E18_05</b>	Medication Dosage
<b>E18_06</b>	Medication Dosage Units	<b>E18_07</b>	Response to Medication
<b>E18_08</b>	Medication Complication	<b>E18_09</b>	Medication Crew Member ID
<b>E18_10</b>	Medication Authorization	<b>E18_11</b>	Medication Authorizing Physician

## References to Other Databases

- **DEEDS** DEEDS/HL-7 Version 2.3; [combo] Apply externally = AP, Buccal = B, Dental = DT, Epidural = EP, Endotracheal tube = ET, Gastronomy tube = GTT, Genitourinary irrigant = GU, Intraarterial = IA, Intrabursal = IB, Intracardiac = IC, Intracervical (uterus) = IC

# MEDICATION DOSAGE

E18\_05

**Data** [number]

## Definition

The dose or amount of medication given to the patient

**XSD Data Type** *xs:decimal*      **XSD Domain (Simple Type)** *MedicationDosage*

**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No

**Required in XSD** No      **Minimum Constraint** 0      **Maximum Constraint** 1,000,000

XSD Structure: (1) All data elements section E18 are members of the E18 Medication Structure. (2) E18\_05 and E18\_06 are members of E18\_05\_0 Medication Dosing Structure

## Field Values

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E01_01</b> Patient Care Report Number	<b>E18_01</b> Date/Time Medication Administered
<b>E18_02</b> Medication Administered Prior to this Units EMS Care	<b>E18_03</b> Medication Given
<b>E18_04</b> Medication Administered Route	<b>E18_06</b> Medication Dosage Units
<b>E18_07</b> Response to Medication	<b>E18_08</b> Medication Complication
<b>E18_09</b> Medication Crew Member ID	<b>E18_10</b> Medication Authorization
<b>E18_11</b> Medication Authorizing Physician	

# MEDICATION DOSAGE UNITS

E18\_06

**Data** [combo] single-choice

## Definition

The units of medication dosage given to patient

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *MedicationDosageUnits*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** No

**Required in XSD** No

XSD Structure: (1) All data elements section E18 are members of the E18 Medication Structure. (2) E18\_05 and E18\_06 are members of E18\_05\_0 Medication Dosing Structure

## Field Values

<b>4295</b> GMS	<b>4300</b> Inches
<b>4305</b> IU	<b>4310</b> KVO (TKO)
<b>4315</b> L/MIN	<b>4320</b> LITERS
<b>4325</b> LPM	<b>4330</b> MCG
<b>4335</b> MCG/KG/MIN	<b>4340</b> MEQ
<b>4345</b> MG	<b>4350</b> MG/KG/MIN
<b>4355</b> ML	<b>4360</b> ML/HR
<b>4365</b> Other	<b>4370</b> 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

<b>E01_01</b> Patient Care Report Number	<b>E18_01</b> Date/Time Medication Administered
<b>E18_02</b> Medication Administered Prior to this Units EMS Care	<b>E18_03</b> Medication Given
<b>E18_03</b> Medication Given	<b>E18_04</b> Medication Administered Route
<b>E18_05</b> Medication Dosage	<b>E18_07</b> Response to Medication
<b>E18_08</b> Medication Complication	<b>E18_09</b> Medication Crew Member ID
<b>E18_10</b> Medication Authorization	<b>E18_11</b> Medication Authorizing Physician

## References to Other Databases

- DEEDS DEEDS/HL-7 Version 2.3

# RESPONSE TO MEDICATION

E18\_07

**Data** [combo] single-choice

## Definition

The patient's response to the medication.

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ResponseToMedication*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	4375 Improved
4380 Unchanged	4385 Worse

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E18_01</b> Date/Time Medication Administered	<b>E18_02</b> Medication Administered Prior to this Units EMS Care
<b>E18_03</b> Medication Given	<b>E18_04</b> Medication Administered Route
<b>E18_05</b> Medication Dosage	<b>E18_06</b> Medication Dosage Units
<b>E18_08</b> Medication Complication	<b>E18_09</b> Medication Crew Member ID
<b>E18_10</b> Medication Authorization	<b>E18_11</b> Medication Authorizing Physician



# MEDICATION COMPLICATION

E18\_08

**Data** [combo] multiple-choice

*National Element*

## Definition

Any complication (abnormal effect on the patient) associated with the administration of the medication to the patient by EMS

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *MedicationComplication*

**Multiple Entry Configuration**

(1) Yes, via structure. (2)

**Accepts Null Values** Yes

Yes for each E14\_01

Date/Time

**Required in XSD** Yes

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	4390 None
4395 Altered Mental Status	4400 Apnea
4405 Bleeding	4410 Bradycardia
4415 Diarrhea	4420 Extravasation
4425 Hypertension	4430 Hyperthermia
4435 Hypotension	4440 Hypoxia
4445 Injury	4450 Itching/Urticaria
4455 Nausea	4460 Other
4465 Respiratory Distress	4470 Tachycardia
4475 Vomiting	

## Uses

- Allows data to be sorted based on medication complication
- Allows data to describe medication complications which occur as a result of EMS treatment
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E18_01</b> Date/Time Medication Administered	<b>E18_02</b> Medication Administered Prior to this Units EMS Care
<b>E18_03</b> Medication Given	<b>E18_04</b> Medication Administered Route
<b>E18_05</b> Medication Dosage	<b>E18_06</b> Medication Dosage Units
<b>E18_07</b> Response to Medication	<b>E18_09</b> Medication Crew Member ID
<b>E18_10</b> Medication Authorization	<b>E18_11</b> Medication Authorizing Physician

# MEDICATION CREW MEMBER ID

E18\_09

Data [text]

## Definition

The statewide assigned ID number of the EMS crew member giving the treatment to the patient

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *CrewMemberID*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes  
**Required in XSD** No      **Minimum Constraint** 2      **Maximum Constraint** 15  
XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Field Values

-25 Not Applicable      -20 Not Recorded  
-15 Not Reporting      -10 Not Known  
-5 Not Available

## Additional Information

- Linked to State/Licensure ID Number (D07\_02)
- List box created from the State/Licensure ID Number (D07\_02) which could display the Personnel's Names as associated with D08\_01, D08\_02, and D08\_03 for easy data entry

## Uses

- 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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E18_01</b> Date/Time Medication Administered	<b>E18_02</b> Medication Administered Prior to this Units EMS Care
<b>E18_03</b> Medication Given	<b>E18_04</b> Medication Administered Route
<b>E18_05</b> Medication Dosage	<b>E18_06</b> Medication Dosage Units
<b>E18_07</b> Response to Medication	<b>E18_08</b> Medication Complication
<b>E18_10</b> Medication Authorization	<b>E18_11</b> Medication Authorizing Physician

## References in NHTSA Version 1

Essential Element 26 Crew Member One Number  
Essential Element 27 Crew Member Two Number  
Desirable Element 28 Crew Member Three Number

# MEDICATION AUTHORIZATION

E18\_10

**Data** [combo] single-choice

## Definition

The type of treatment authorization obtained

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *MedicationAuthorization*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Field Values

-25 Not Applicable

-15 Not Reporting

-5 Not Available

4485 On-Scene

4495 Written Orders (Patient Specific)

-20 Not Recorded

-10 Not Known

4480 On-Line

4490 Protocol (Standing Order)

## Additional Information

- Associated with Medication Authorization (E18\_11) if the value is not "Protocol"

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E18\_01** Date/Time Medication Administered

**E18\_03** Medication Given

**E18\_05** Medication Dosage

**E18\_07** Response to Medication

**E18\_09** Medication Crew Member ID

**E18\_11** Medication Authorizing Physician

**E01\_01** Patient Care Report Number

**E18\_02** Medication Administered Prior to this Units  
EMS Care

**E18\_04** Medication Administered Route

**E18\_06** Medication Dosage Units

**E18\_08** Medication Complication

**E18\_11** Medication Authorizing Physician

## References in NHTSA Version 1

Desirable Element 81 Treatment Authorization



# *Intervention/ Procedure*

# DATE/TIME PROCEDURE PERFORMED SUCCESSFULLY

E19\_01

**Data** [date/time]

## Definition

The date and time the procedure was performed on the patient

**XSD Data Type** *xs:dateTime*      **XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No      **Minimum Constraint** 1,990      **Maximum Constraint** 2,030

XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- This is a multiple entry configuration which will allow for multiple procedures to be documented

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E01_01</b> Patient Care Report Number	<b>E19_02</b> Procedure Performed Prior to this Units EMS Care
<b>E19_03</b> Procedure	<b>E19_04</b> Size of Procedure Equipment
<b>E19_05</b> Number of Procedure Attempts	<b>E19_06</b> Procedure Successful
<b>E19_07</b> Procedure Complication	<b>E19_08</b> Response to Procedure
<b>E19_09</b> Procedure Crew Members ID	<b>E19_10</b> Procedure Authorization
<b>E19_11</b> Procedure Authorizing Physician	<b>E19_12</b> Successful IV Site
<b>E19_13</b> Tube Confirmation	<b>E19_14</b> Destination Confirmation of Tube Placement

## References in NHTSA Version 1

Desirable Element 58 Time of First CPR  
Desirable Element 63 Time of First Defibrillatory Shock

# PROCEDURE PERFORMED PRIOR TO THIS UNITS EMS CARE

E19\_02

**Data** [combo] single-choice

## Definition

Indicates that the procedure which was performed and documented was performed prior to this EMS unit's care.

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *YesNoValues*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	0 No
1 Yes	

## Additional Information

- If E19\_02 is "Yes", the Date/Time Medication Administered (E19\_01) is not required

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E19_01</b> Date/Time Procedure Performed Successfully	<b>E19_03</b> Procedure
<b>E19_04</b> Size of Procedure Equipment	<b>E19_05</b> Number of Procedure Attempts
<b>E19_06</b> Procedure Successful	<b>E19_07</b> Procedure Complication
<b>E19_08</b> Response to Procedure	<b>E19_09</b> Procedure Crew Members ID
<b>E19_10</b> Procedure Authorization	<b>E19_11</b> Procedure Authorizing Physician

**Data** [combo] single-choice

*National Element*

**Definition**

The procedure performed on the patient.

**XSD Data Type** *xs:decimal*      **XSD Domain (Simple Type)** *Procedure*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes  
**Required in XSD** Yes      **Minimum Constraint** 0      **Maximum Constraint** 1,000  
 XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

**Field Values**

-25 Not Applicable      -20 Not Recorded  
 -15 Not Reporting      -10 Not Known  
 -5 Not Available

**Additional Information**

- List created from Procedures (D04\_04)

**Uses**

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures which are performed by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

**Data Collector**

- EMS personnel

**Other Associated Elements**

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E19_01</b> Date/Time Procedure Performed Successfully	<b>E19_02</b> Procedure Performed Prior to this Units EMS Care
<b>E19_04</b> Size of Procedure Equipment	<b>E19_05</b> Number of Procedure Attempts
<b>E19_06</b> Procedure Successful	<b>E19_07</b> Procedure Complication
<b>E19_08</b> Response to Procedure	<b>E19_09</b> Procedure Crew Members ID
<b>E19_10</b> Procedure Authorization	<b>E19_11</b> Procedure Authorizing Physician

**References in NHTSA Version 1**

Desirable Element 58 Time of First CPR  
 Desirable Element 63 Time of First Defibrillatory Shock

**References to Other Databases**

- **NFIRS 5.0** EMS Module, Title: Procedures Used, Multi Select List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instruction = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN
- **UTSTEIN** Arrest after arrival of EMS could be documented by CPR or Defibrillation performed along with the Cardiac Arrest datapoint.; [text] Value or



# SIZE OF PROCEDURE EQUIPMENT

E19\_04

Data [text]

## Definition

The size of equipment used in the procedure on the patient

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *SizeOfProcedureEquipment*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    Yes  
**Required in XSD**    No                      **Minimum Constraint**    2                      **Maximum Constraint**    20  
XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Field Values

-25 Not Applicable    -20 Not Recorded  
-15 Not Reporting    -10 Not Known  
-5 Not Available

## 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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E19_01</b> Date/Time Procedure Performed Successfully	<b>E19_02</b> Procedure Performed Prior to this Units EMS Care
<b>E19_03</b> Procedure	<b>E19_05</b> Number of Procedure Attempts
<b>E19_06</b> Procedure Successful	<b>E19_07</b> Procedure Complication
<b>E19_08</b> Response to Procedure	<b>E19_09</b> Procedure Crew Members ID
<b>E19_10</b> Procedure Authorization	<b>E19_11</b> Procedure Authorizing Physician

## References in NHTSA Version 1

Essential Element 78    Procedure or Treatment Name

# NUMBER OF PROCEDURE ATTEMPTS

E19\_05

Data [number]

*National Element*

## Definition

The number of attempts taken to complete a procedure or intervention regardless of success

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *NumberOfProcedureAttempts*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** Yes

**Minimum Constraint** -25

**Maximum Constraint** 100

XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures which are performed by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E19\_01** Date/Time Procedure Performed Successfully

**E19\_02** Procedure Performed Prior to this Units EMS Care

**E19\_03** Procedure

**E19\_04** Size of Procedure Equipment

**E19\_06** Procedure Successful

**E19\_07** Procedure Complication

**E19\_08** Response to Procedure

**E19\_09** Procedure Crew Members ID

**E19\_10** Procedure Authorization

**E19\_11** Procedure Authorizing Physician

# PROCEDURE SUCCESSFUL

E19\_06

Data [combo] single-choice

*National Element*

## Definition

Indication of whether or not the procedure performed on the patient was successful

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *YesNoValues*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** Yes

**Required in XSD** Yes

XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

0 No

1 Yes

## Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures performed by EMS with respect to numbers and success rates
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E19\_01** Date/Time Procedure Performed Successfully

**E19\_02** Procedure Performed Prior to this Units EMS Care

**E19\_03** Procedure

**E19\_04** Size of Procedure Equipment

**E19\_05** Number of Procedure Attempts

**E19\_07** Procedure Complication

**E19\_08** Response to Procedure

**E19\_09** Procedure Crew Members ID

**E19\_10** Procedure Authorization

**E19\_11** Procedure Authorizing Physician

# PROCEDURE COMPLICATION

E19\_07

Data [combo] multiple-choice

*National Element*

## Definition

Any complication associated with the performance of the procedure on the patient

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *ProcedureComplication*  
**Multiple Entry Configuration** (1) Yes, via structure. (2) Yes for each E14\_01 Date/Time  
**Accepts Null Values** Yes

**Required in XSD** Yes

XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	4500 None
4505 Altered Mental Status	4510 Apnea
4515 Bleeding	4520 Bradycardia
4525 Diarrhea	4530 Esophageal Intubation-immediately
4535 Esophageal Intubation-other	4540 Extravasation
4545 Hypertension	4550 Hyperthermia
4555 Hypotension	4560 Hypoxia
4565 Injury	4570 Itching/Urticaria
4575 Nausea	4580 Other
4585 Respiratory Distress	4590 Tachycardia
4595 Vomiting	

## Uses

- Allows data to be sorted based on procedure complication
- Allows data to describe procedure complications which occur as a result of EMS treatment as part of a federal initiative to identify and reduce medical errors
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E19_01</b> Date/Time Procedure Performed Successfully	<b>E19_02</b> Procedure Performed Prior to this Units EMS Care
<b>E19_03</b> Procedure	<b>E19_04</b> Size of Procedure Equipment
<b>E19_05</b> Number of Procedure Attempts	<b>E19_06</b> Procedure Successful
<b>E19_08</b> Response to Procedure	<b>E19_09</b> Procedure Crew Members ID
<b>E19_10</b> Procedure Authorization	<b>E19_11</b> Procedure Authorizing Physician



# RESPONSE TO PROCEDURE

E19\_08

**Data** [combo] single-choice

## Definition

The patient's response to the procedure

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ResponseToProcedure*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	4600 Improved
4605 Unchanged	4610 Worse

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E19_01</b> Date/Time Procedure Performed Successfully	<b>E19_02</b> Procedure Performed Prior to this Units EMS Care
<b>E19_03</b> Procedure	<b>E19_04</b> Size of Procedure Equipment
<b>E19_05</b> Number of Procedure Attempts	<b>E19_06</b> Procedure Successful
<b>E19_07</b> Procedure Complication	<b>E19_09</b> Procedure Crew Members ID
<b>E19_10</b> Procedure Authorization	<b>E19_11</b> Procedure Authorizing Physician

**Data** [text]

## Definition

The statewide assigned ID number of the EMS crew member performing the procedure on the patient

**XSD Data Type** *xs:integer*                      **XSD Domain (Simple Type)** *CrewMemberID*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    Yes  
**Required in XSD**    No                      **Minimum Constraint**    2                      **Maximum Constraint**    15  
XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

## Additional Information

- Linked to State/Licensure ID Number (D07\_02)
- List box created from the State/Licensure ID Number (D07\_02) which could display the Personnel's Names as associated with D08\_01, D08\_02, and D08\_03 for easy data entry

## Uses

- Part of an EMS Medical Record and to document the Procedure performance
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E19_01</b> Date/Time Procedure Performed Successfully	<b>E19_02</b> Procedure Performed Prior to this Units EMS Care
<b>E19_03</b> Procedure	<b>E19_04</b> Size of Procedure Equipment
<b>E19_05</b> Number of Procedure Attempts	<b>E19_06</b> Procedure Successful
<b>E19_07</b> Procedure Complication	<b>E19_08</b> Response to Procedure
<b>E19_10</b> Procedure Authorization	<b>E19_11</b> Procedure Authorizing Physician

## References in NHTSA Version 1

Essential	Element 26	Crew Member One Number
Essential	Element 27	Crew Member Two Number
Desirable	Element 28	Crew Member Three Number

# PROCEDURE AUTHORIZATION

E19\_10

**Data** [combo] single-choice

## Definition

The type of procedure authorization obtained

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ProcedureAuthorization*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E19_01</b> Date/Time Procedure Performed Successfully	<b>E19_02</b> Procedure Performed Prior to this Units EMS Care
<b>E19_03</b> Procedure	<b>E19_04</b> Size of Procedure Equipment
<b>E19_05</b> Number of Procedure Attempts	<b>E19_06</b> Procedure Successful
<b>E19_07</b> Procedure Complication	<b>E19_08</b> Response to Procedure
<b>E19_09</b> Procedure Crew Members ID	<b>E19_11</b> Procedure Authorizing Physician

## References in NHTSA Version 1

Desirable Element 81 Treatment Authorization



# PROCEDURE AUTHORIZING PHYSICIAN

E19\_11

Data [text]

## Definition

The last name of the authorizing physician ordering the procedure, if the order was provided by any manner other than protocol (standing order)

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *ProcedureAuthorizingPhysician*  
**Multiple Entry Configuration**    Yes, via structure      **Accepts Null Values**    Yes  
**Required in XSD**    No      **Minimum Constraint**    2      **Maximum Constraint**    20  
XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Field Values

-25 Not Applicable      -20 Not Recorded  
-15 Not Reporting      -10 Not Known  
-5 Not Available

## 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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E19_01</b>	Date/Time Procedure Performed Successfully	<b>E19_02</b>	Procedure Performed Prior to this Units EMS Care
<b>E19_03</b>	Procedure	<b>E19_04</b>	Size of Procedure Equipment
<b>E19_05</b>	Number of Procedure Attempts	<b>E19_06</b>	Procedure Successful
<b>E19_07</b>	Procedure Complication	<b>E19_08</b>	Response to Procedure
<b>E19_09</b>	Procedure Crew Members ID	<b>E19_10</b>	Procedure Authorization

# SUCCESSFUL IV SITE

E19\_12

**Data** [combo] multiple-choice

## Definition

The location of the IV site (if applicable) on the patient

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *SuccessfullIVSite*  
**Multiple Entry Configuration**    Yes      **Accepts Null Values**    Yes  
**Required in XSD**    No

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	4635	Antecubital-Left
4640	Antecubital-Right	4645	External Jugular-Left
4650	External Jugular-Right	4655	Femoral-Left IV
4660	Femoral-Left Distal IO	4665	Femoral-Right IV
4670	Femoral-Right IO	4675	Forearm-Left
4680	Forearm-Right	4685	Hand-Left
4690	Hand-Right	4695	Lower Extremity-Left
4700	Lower Extremity-Right	4705	Other
4710	Scalp	4715	Sternal IO
4720	Tibia IO-Left	4725	Tibia IO-Right
4730	Umbilical		

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

# TUBE CONFIRMATION

E19\_13

**Data** [combo] multiple-choice

## Definition

Endotracheal Tube placement verification at the time the airway procedure was done

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *TubeConfirmation*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

4735 Auscultation of Bilateral Breath Sounds

4740 Colormetric CO2 Detector Confirmation

4745 Digital CO2 Confirmation

4750 Esophageal Bulb Aspiration confirmation

4755 Negative Auscultation of the Epigastrium

4760 Visualization of the Chest Rising with ventilation

4765 Visualization of Tube Passing Through the Cords

4770 Waveform CO2 Confirmation

## Additional Information

- Associated with Procedure (E19\_03) if Airway Procedure leads to Intubation

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E19\_03** Procedure

# DESTINATION CONFIRMATION OF TUBE PLACEMENT

E19\_14

**Data** [combo] multiple-choice

## Definition

Endotracheal Tube location verification on the arrival at the Destination (if applicable)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *DestinationConfirmationOfTubePlacement*  
**Multiple Entry Configuration**    Yes      **Accepts Null Values**    Yes  
**Required in XSD**    No

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	4775	Auscultation of Bilateral Breath Sounds
4780	Colormetric CO2 Detector Confirmation	4785	Digital CO2 Confirmation
4790	Esophageal Bulb Aspiration confirmation	4795	Negative Auscultation of the Epigastrium
4800	Visualization of the Chest Rising with ventilation	4805	Visualization of Tube Passing Through the Cords
4810	Waveform CO2 Confirmation		

## Additional Information

- Associated with Procedure (E19\_03) if Airway Procedure leads to Intubation

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number  
**E19\_03**    Procedure

# *Disposition*

# DESTINATION/TRANSFERRED TO, NAME

E20\_01

Data [text]

## Definition

The destination the patient was delivered or transferred to

<b>XSD Data Type</b> <i>xs:string</i>	<b>XSD Domain (Simple Type)</b> <i>DestinationTransferredToID</i>
<b>Multiple Entry Configuration</b> No	<b>Accepts Null Values</b> Yes
<b>Required in XSD</b> No	<b>Minimum Constraint</b> 2 <b>Maximum Constraint</b> 50

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	

## Additional Information

- Could be an editable single choice list box derived from Hospitals Served (D04\_11) and Other Destinations (D04\_13)

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Important for grouping or comparing data by Destination location and type which also allows data to be sorted by geographic areas in many agencies
- Provides information on overall service area, patterns and times for agency configuration and evaluation

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E20_02</b> Destination/Transferred To, Code	

# DESTINATION/TRANSFERRED TO, CODE

E20\_02

Data [text]

## Definition

The code of the destination the patient was delivered or transferred to, if present and available

<b>XSD Data Type</b>	<i>xs:string</i>	<b>XSD Domain (Simple Type)</b>	<i>DestinationTransferredToCode</i>
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null Values</b>	Yes
<b>Required in XSD</b>	No	<b>Minimum Constraint</b>	2
		<b>Maximum Constraint</b>	50

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	

## Additional Information

- Could be an editable single choice list box derived from Hospitals Served (D04\_12) and Other Destinations (D04\_14)

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Important for grouping or comparing data by Destination location and type which also allows data to be sorted by geographic areas in many agencies
- Provides information on overall service area, patterns and times for agency configuration and evaluation

## Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E20_01</b> Destination/Transferred To, Name	

# DESTINATION STREET ADDRESS

E20\_03

Data [text]

## Definition

The street address of the destination the patient was delivered or transferred to

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *StreetAddress*  
**Multiple Entry Configuration**    No                      **Accepts Null Values**    Yes  
**Required in XSD**    No                      **Minimum Constraint**    2                      **Maximum Constraint**    30

XSD Structure: E20\_03, E20\_04, E20\_05, and E20\_07 are all members of E2-\_03\_0 Destination Address Structure

## Field Values

-25 Not Applicable    -20 Not Recorded  
-15 Not Reporting    -10 Not Known  
-5 Not Available

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Important for grouping or comparing data by 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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E20_01</b>	Destination/Transferred To, Name	<b>E20_04</b>	Destination City
<b>E20_05</b>	Destination State	<b>E20_07</b>	Destination Zip Code



# DESTINATION CITY

E20\_04

**Data** [combo] single-choice

## Definition

The city name of the destination the patient was delivered or transferred to

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *City*  
**Multiple Entry Configuration**    No      **Accepts Null Values**    Yes  
**Required in XSD**    No      **Minimum Constraint**    2      **Maximum Constraint**    30

XSD Structure: E20\_03, E20\_04, E20\_05, and E20\_07 are all members of E2-\_03\_0 Destination Address Structure

## Field Values

-25 Not Applicable      -20 Not Recorded  
-15 Not Reporting      -10 Not Known  
-5 Not Available

## 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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E20_01</b>	Destination/Transferred To, Name	<b>E20_03</b>	Destination Street Address
<b>E20_05</b>	Destination State	<b>E20_07</b>	Destination Zip Code

# DESTINATION STATE

E20\_05

**Data** [combo] single-choice

## Definition

The destination State in which the patient was delivered or transferred to

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *State*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 3

XSD Structure: E20\_03, E20\_04, E20\_05, and E20\_07 are all members of E2-\_03\_0 Destination Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from 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

E20\_06

**Data** [combo] single-choice

## Definition

The destination County in which the patient was delivered or transferred to

<b>XSD Data Type</b> <i>xs:string</i>	<b>XSD Domain (Simple Type)</b> <i>County</i>
<b>Multiple Entry Configuration</b> No	<b>Accepts Null Values</b> Yes
<b>Required in XSD</b> No	<b>Minimum Constraint</b> 2 <b>Maximum Constraint</b> 5

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	

## Additional Information

- Stored as a 5 digit FIPS code (combining the state and county code) to take into account agencies may server more than one state and counties are often named the same from state to state

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Important for grouping or comparing data by Destination location and type which also allows data to be sorted by geographic areas in many agencies
- Provides information on overall service area, patterns and times for agency configuration and evaluation

## Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

## Other Associated Elements

<b>E00</b> Common Null Values	<b>E01_01</b> Patient Care Report Number
<b>E20_01</b> Destination/Transferred To, Name	

# DESTINATION ZIP CODE

E20\_07

Data [text]

*National Element*

## Definition

The destination zip code in which the patient was delivered or transferred to

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *Zip*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

XSD Structure: E20\_03, E20\_04, E20\_05, and E20\_07 are all members of E2-\_03\_0 Destination Address Structure

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- Can be 5 or 9 digit Zip Code

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the destination location
- Allows data to describe patient's geographic destination
- Important for grouping or comparing data by Destination location and type which also allows data to be sorted by geographic areas in many agencies
- Provides information on overall service area, patterns and times for agency configuration and evaluation

## Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E20\_01** Destination/Transferred To, Name

**E20\_03** Destination Street Address

**E20\_04** Destination City

**E20\_05** Destination State

# DESTINATION GPS LOCATION

E20\_08

**Data** [text]

## Definition

The destination GPS coordinates to which the patient was delivered or transferred to

**XSD Data Type** *xs:decimal*      **XSD Domain (Simple Type)** *GPSLocation*  
**Multiple Entry Configuration**    No      **Accepts Null Values**      No  
**Required in XSD** No

XSD Attributes: Latitude and Longitude are each stored as a separate attribute

## Field Values

## Uses

- Important for grouping or comparing data by Destination location and type which also allows data to be sorted by geographic areas in many agencies
- Provides information on overall service area, patterns and times for agency configuration and evaluation

## Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E20\_01** Destination/Transferred To, Name

# DESTINATION\_ZONE\_NUMBER

E20\_09

**Data** [combo] single-choice

## Definition

The zone number of the destination the patient was delivered or transferred to

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *ZoneNumber*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 30

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

## Additional Information

- Created from Zones (D04\_03)
- Systems using GPS typically do not need to document or create Zones

## Uses

- Important for grouping or comparing data by Destination location and type which also allows data to be sorted by geographic areas in many agencies
- Provides information on overall service area, patterns and times for agency configuration and evaluation

## Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E20\_01** Destination/Transferred To, Name

# INCIDENT/PATIENT DISPOSITION

E20\_10

**Data** [combo] single-choice

*National Element*

## Definition

Type of disposition treatment and/or transport of the patient.

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *IncidentPatientDisposition*

**Multiple Entry Configuration** No **Accepts Null Values** No

**Required in XSD** Yes

## Field Values

<b>4815</b> Cancelled	<b>4820</b> Dead at Scene
<b>4825</b> No Patient Found	<b>4830</b> No Treatment Required
<b>4835</b> Patient Refused Care	<b>4840</b> Treated and Released
<b>4845</b> Treated, Transferred Care	<b>4850</b> Treated, Transported by EMS
<b>4855</b> Treated, Transported by Law Enforcement	<b>4860</b> Treated, Transported by Private Vehicle

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the EMS disposition
- Allows data to describe EMS patient's disposition

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 47 Incident/Patient Disposition

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Disposition; Pick-List: FD Transport to Emergency Care Facility (ECF) = 1, Non-FD Transport = 2, Non-FD Transport with FD Attendant = 3, Non-Emergency Transfer = 4, Other = O, Not Transported under EMS = N

# HOW PATIENT WAS MOVED TO AMBULANCE

E20\_11

**Data** [combo] single-choice

## Definition

The method the patient was moved to the ambulance from the scene

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *HowPatientWasMovedToAmbulance*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

4865 Assisted/Walk

4870 Carry

4875 Stairchair

4880 Stretcher

4885 Other

## Uses

- Part of an EMS Medical Record
- Used in Quality Management for the evaluation of Care

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number



# POSITION OF PATIENT DURING TRANSPORT

E20\_12

**Data** [combo] single-choice

## Definition

The position of the patient during transport from the scene

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *PositionOfPatientDurningTransport*  
**Multiple Entry Configuration**    No      **Accepts Null Values**    Yes  
**Required in XSD**    No

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	4890	Car Seat
4895	Fowlers	4900	Lateral
4905	Prone	4910	Semi-Fowlers
4915	Sitting	4920	Supine
4925	Other		

## Uses

- Part of an EMS Medical Record
- Used in Quality Management for the evaluation of Care

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

# HOW PATIENT WAS TRANSPORTED FROM AMBULANCE

E20\_13

**Data** [combo] single-choice

## Definition

The method the patient was moved from the ambulance to the destination

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *HowPatientWasTransportedFromAmbulance*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

4930 Assisted/Walk

4935 Carry

4940 Stairchair

4945 Stretcher

4950 Other

## Uses

- Part of an EMS Medical Record
- Used in Quality Management for the evaluation of Care

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# TRANSPORT MODE FROM SCENE

E20\_14

**Data** [combo] single-choice

*National Element*

## Definition

Indication whether or not lights and/or sirens were used on the vehicle while leaving scene

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *TransportModeFromScene*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

4955 Initial Lights and Sirens, Downgraded to No Lights or Sirens

4960 Initial No Lights or Sirens, Upgraded to Lights and Sirens

4965 Lights and Sirens

4970 No Lights or Sirens

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the transportation mode
- Allows data to describe transportation mode used by EMS

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 46 Lights and Sirens used from the Scene

# CONDITION OF PATIENT AT DESTINATION

E20\_15

**Data** [combo] single-choice

## Definition

The condition of the patient after care by EMS

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *ConditionOfPatientAtDestination*  
**Multiple Entry Configuration**    No      **Accepts Null Values**    Yes  
**Required in XSD**    No

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	4975 Improved
4980 Unchanged	4985 Worse

## Uses

- Outcome indicator
- Part of an EMS Medical Record
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Patient Status; The patient's status when transferred to another agency.; Pick-List: Improved = 1, Remained Same = 2, Worsened = 3

# REASON FOR CHOOSING DESTINATION

E20\_16

**Data** [combo] single-choice

*National Element*

## Definition

The reason the unit chose to deliver or transfer the patient to the destination

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *ReasonForChoosingDestination*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	4990	Closest Facility (none below)
4995	Diversion	5000	Family Choice
5005	Insurance Status	5010	Law Enforcement Choice
5015	On-Line Medical Direction	5020	Other
5025	Patient Choice	5030	Patient's Physicians Choice
5035	Protocol	5040	Specialty Resource Center

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the destination choice
- Allows data to give a reason for choosing the patient's destination which is important to document from a specialty care agency and diversion/overcrowding perspective

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References in NHTSA Version 1

Essential Element 45 Destination Determination

# TYPE OF DESTINATION

E20\_17

Data [combo] single-choice

*National Element*

## Definition

The type of destination the patient was delivered or transferred to

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *TypeOfDestination*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

7270 Home

7280 Hospital

7290 Medical Office/Clinic

7300 Morgue

7320 Nursing Home

7330 Other

7340 Other EMS Responder (air)

7350 Other EMS Responder (ground)

7360 Police/Jail

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted or grouped based on the EMS transports destination type
- Allows data to describe EMS patient's destination type

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E20\_01** Destination/Transferred To, Name

## References in NHTSA Version 1

Essential Element 44 Destination/Transferred To

# *Medical Device Data*

# EVENT DATE/TIME

E21\_01

**Data** [date/time]

## Definition

The time of the event recorded by the device's internal clock

**XSD Data Type** *xs:dateTime*      **XSD Domain (Simple Type)** *DateTime*

**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No      **Minimum Constraint** 1,990      **Maximum Constraint** 2,030

XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Additional Information

- Depending on whether this is a Procedure or a Vital Sign, this can be merged into Date/Time Vital Taken (E14\_01) or Date/Time Procedure Performed Successfully (E19\_01)
- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- Multiple entry configuration associated with the entire Medical Device Section (E21) to allow multiple sets of device data to be entered

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

**E01\_01** Patient Care Report Number



# MEDICAL DEVICE EVENT NAME

E21\_02

Data [text]

## Definition

The type of event documented by the medical device.

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *MedicalDeviceEventID*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in XSD** No

XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	5090	12-Lead ECG
5095	Analysis (Button Pressed)	5100	CO2
5105	Date Transmitted	5110	Defibrillation
5115	ECG-Monitor	5120	Heart Rate
5125	Invasive Pressure 1	5130	Invasive Pressure 2
5135	No Shock Advised	5140	Non-Invasive BP
5145	Pacing Electrical Capture	5150	Pacing Started
5155	Pacing Stopped	5160	Patient Connected
5165	Power On	5170	Pulse Oximetry
5175	Pulse Rate	5180	Respiratory Rate
5185	Shock Advised	5190	Sync Off
5195	Sync On		

## Additional Information

- Depending on the event, this data can be merged with Vital Sign or Procedure Data defined in Sections E14 and E19

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E21_01</b>	Event Date/Time		

# WAVEFORM GRAPHIC TYPE

E21\_03

**Data** [text]

## Definition

The type of waveform file stored in Waveform Graphic (E21.4)

<b>XSD Data Type</b>	<i>xs:integer</i>	<b>XSD Domain (Simple Type)</b>	<i>WaveformGraphicType</i>
<b>Multiple Entry Configuration</b>	Yes, as associated with E21_01 Date/Time	<b>Accepts Null Values</b>	<b>No</b>

## 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

# WAVEFORM GRAPHIC

E21\_04

**Data** [binary]

## Definition

The graphic waveform file in a PDF or JPG format.

**XSD Data Type** *xs:base64Binary*      **XSD Domain (Simple Type)** *WaveformGraphic*  
**Multiple Entry Configuration** Yes, as associated with E21\_01 Date/Time      **Accepts Null Values** No

## Required in XSD No

XSD Structure: (1) Each element 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

## 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

<b>E01_01</b> Patient Care Report Number	<b>E21_01</b> Event Date/Time
<b>E21_02</b> Medical Device Event Name	<b>E21_03</b> Waveform Graphic Type

# AED, PACING, OR CO2 MODE

E21\_05

**Data** [text]

## Definition

The mode of operation the device is operating in during the defibrillation, pacing, or rhythm analysis by the device (if appropriate for the event)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *AEDPacingOrCO2Mode*

**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No

**Required in XSD** No

XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

<b>5210</b> Automated	<b>5215</b> Manual
<b>5220</b> Advisory	<b>5225</b> Demand
<b>5230</b> Sensing	<b>5235</b> Mid-Stream
<b>5240</b> 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

<b>E01_01</b> Patient Care Report Number	<b>E21_01</b> Event Date/Time
<b>E21_02</b> Medical Device Event Name	

# ECG LEAD

E21\_06

Data [text]

## Definition

The lead or source which the medical device used to obtain the rhythm (if appropriate for the event)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *ECGLead*  
**Multiple Entry Configuration**    Yes, via structure      **Accepts Null Values**      No

**Required in XSD** No

XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

<b>5245</b> I	<b>5250</b> II
<b>5255</b> III	<b>5260</b> AVR
<b>5265</b> AVL	<b>5270</b> AVF
<b>5275</b> V1	<b>5280</b> V2
<b>5285</b> V3	<b>5290</b> V4
<b>5295</b> V5	<b>5300</b> V6
<b>5305</b> 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

<b>E01_01</b> Patient Care Report Number	<b>E21_01</b> Event Date/Time
<b>E21_02</b> Medical Device Event Name	

# ECG INTERPRETATION

E21\_07

**Data** [text]

## Definition

The interpretation of the rhythm by the device (if appropriate for the event)

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *ECGInterpretation*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 1

**Maximum Constraint** 2,000

XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Additional Information

- Associated with Event Date/Time (E21\_01) and only if appropriate for the Medical Device Event (E21\_02)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E21\_01** Event Date/Time

**E21\_02** Medical Device Event Name

# TYPE OF SHOCK

E21\_08

**Data** [text]

## Definition

The energy form used by the device for the defibrillation (if appropriate for the event)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *TypeOfShock*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No

**Required in XSD** No

XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

**5310** Biphasic      **5315** Monophasic

## Additional Information

- Associated with Event Date/Time (E21\_01) and only if appropriate for the Medical Device Event (E21\_02)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E21\_01** Event Date/Time  
**E21\_02** Medical Device Event Name

# SHOCK OR PACING ENERGY

E21\_09

Data [number]

## Definition

The energy used for the shock or pacing event (if appropriate for the event)

**XSD Data Type** *xs:decimal*      **XSD Domain (Simple Type)** *ShockOrPacingEnergy*  
**Multiple Entry Configuration**    Yes, via structure      **Accepts Null Values**    **No**  
**Required in XSD** **No**      **Minimum Constraint**    1      **Maximum Constraint**    9,000  
XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Additional Information

- Associated with Event Date/Time (E21\_01) and only if appropriate for the Medical Device Event (E21\_02)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E21\_01** Event Date/Time  
**E21\_02** Medical Device Event Name



# TOTAL NUMBER OF SHOCKS DELIVERED

E21\_10

Data [number]

## Definition

The number of times the patient was defibrillated, if the patient was defibrillated during the patient encounter.

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *TotalNumberOfShocks*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 100  
XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E21\_01** Event Date/Time  
**E21\_02** Medical Device Event Name

# PACING RATE

E21\_11

Data [number]

## Definition

The rate the device was calibrated to pace during the event, if appropriate.

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *PacingRate*  
**Multiple Entry Configuration**    Yes, via structure      **Accepts Null Values**    No  
**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 1,000  
XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Additional Information

- Associated with Event Date/Time (E21\_01) and only if appropriate for the Medical Device Event (E21\_02)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E21\_01** Event Date/Time  
**E21\_02** Medical Device Event Name

# DEVICE HEART RATE

E21\_12

**Data** [number]

## Definition

The heart rate electronically obtained by the device (if appropriate for the event)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *PulseRate*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 0      **Maximum Constraint** 500  
XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Additional Information

- Associated with Event Date/Time (E21\_01) and only if appropriate for the Medical Device Event (E21\_02)
- Could be merged into Electronic Monitor Rate (E14\_08)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E21\_01** Event Date/Time  
**E21\_02** Medical Device Event Name

# DEVICE PULSE RATE

E21\_13

**Data** [number]

## Definition

The pulse rate as measured from the pulse oximeter, non-invasive pressure, or invasive pressure transducers (if appropriate for the event)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *PulseRate*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 0      **Maximum Constraint** 500  
XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Additional Information

- Associated with Event Date/Time (E21\_01) and only if appropriate for the Medical Device Event (E21\_02)
- Could be merged into Pulse Rate (E14\_07)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E21\_01** Event Date/Time  
**E21\_02** Medical Device Event Name

# DEVICE SYSTOLIC BLOOD PRESSURE

E21\_14

**Data** [number]

## Definition

The Systolic Blood Pressure as measured either through non-invasive blood pressure, invasive blood pressure monitor 1, or invasive blood pressure monitor 2 (if appropriate for the event)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *SBP*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 0      **Maximum Constraint** 400

XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Additional Information

- Associated with Event Date/Time (E21\_01) and only if appropriate for the Medical Device Event (E21\_02)
- Could be merged into Systolic Blood Pressure (E14\_04)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

<b>E01_01</b> Patient Care Report Number	<b>E21_01</b> Event Date/Time
<b>E21_02</b> Medical Device Event Name	<b>E21_19</b> Device CO2, etCO2, or Invasive Pressure Monitor Units

# DEVICE DIASTOLIC BLOOD PRESSURE

E21\_15

**Data** [number]

## Definition

The Diastolic Blood Pressure as measured either through non-invasive blood pressure, invasive blood pressure monitor 1, or invasive blood pressure monitor 2 (if appropriate for the event)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *DBP*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 0      **Maximum Constraint** 300  
XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Additional Information

- Associated with Event Date/Time (E21\_01) and only if appropriate for the Medical Device Event (E21\_02)
- Could be merged into Diastolic Blood Pressure (E14\_05)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

<b>E01_01</b> Patient Care Report Number	<b>E21_01</b> Event Date/Time
<b>E21_02</b> Medical Device Event Name	<b>E21_19</b> Device CO2, etCO2, or Invasive Pressure Monitor Units

# DEVICE RESPIRATORY RATE

E21\_16

**Data** [number]

## Definition

The Respiratory Rate as calculated from the device through one of the various monitoring parameters (if appropriate for the event)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *RespiratoryRate*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 0      **Maximum Constraint** 100  
XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Additional Information

- Associated with Event Date/Time (E21\_01) and only if appropriate for the Medical Device Event (E21\_02)
- Could be merged into Respiratory Rate (E14\_11)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E21\_01** Event Date/Time  
**E21\_02** Medical Device Event Name

# DEVICE PULSE OXIMETRY

E21\_17

Data [number]

## Definition

The Oxygen Saturation as measured from the pulse oximeter in % (if appropriate for the event)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *DeviceCO2*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 0      **Maximum Constraint** 100  
XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Additional Information

- Associated with Event Date/Time (E21\_01) and only if appropriate for the Medical Device Event (E21\_02)
- Could be merged into Pulse Oximetry (E14\_09)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

**E01\_01** Patient Care Report Number      **E21\_01** Event Date/Time  
**E21\_02** Medical Device Event Name



# DEVICE CO2 OR ETCO2

E21\_18

Data [number]

## Definition

The Carbon Dioxide or end-tidal Carbon Dioxide as measured from the device transducers (if appropriate for the event)

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *DeviceCO2*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 0

**Maximum Constraint** 100

XSD Structure: (1) Each element 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

## 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

# DEVICE CO2, ETCO2, OR INVASIVE PRESSURE MONITOR UNITS

E21\_19

**Data** [text]

## Definition

The Units of Carbon Dioxide, end-tidal Carbon Dioxide, invasive pressure monitor 1, or invasive pressure monitor 2 as measured from the device transducers (if appropriate for the event)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *DeviceCO2etCO2OrInvasivePressureUnits*

**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No

**Required in XSD** No

XSD Structure: (1) Each element 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 [number]

## Definition

The Invasive Pressure Mean as calculated either through the invasive pressure monitor 1 or the invasive pressure monitor 2 (if appropriate for the event)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *DeviceInvasivePressureMean*  
**Multiple Entry Configuration** Yes, via structure      **Accepts Null Values** No  
**Required in XSD** No      **Minimum Constraint** 1      **Maximum Constraint** 1,000  
XSD Structure: (1) Each element in section E21 is associated with a E21\_01 Date/Time.

## Field Values

## Additional Information

- Associated with Event Date/Time (E21\_01) and only if appropriate for the Medical Device Event (E21\_02)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- Medical device and electronically transmitted to the EMS database for further use

## Other Associated Elements

<b>E01_01</b> Patient Care Report Number	<b>E21_01</b> Event Date/Time
<b>E21_02</b> Medical Device Event Name	<b>E21_19</b> Device CO2, etCO2, or Invasive Pressure Monitor Units

# *Outcome and Linkage*

# EMERGENCY DEPARTMENT DISPOSITION

E22\_01

**Data** [combo] single-choice

*National Element*

## Definition

The known disposition of the patient from the Emergency Department (ED)

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *EmergencyDepartmentDisposition*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

5335 Admitted to Hospital Floor

5340 Admitted to Hospital ICU

5345 Death

5350 Not Applicable (Not Transported to ED)

5355 Released

5360 Transferred

## Uses

- Allows data to be sorted based on the EMS patient outcome
- Allows data to describe EMS patient outcome

## Data Collector

- EMS Agency: Could be collected by EMS Administration or electronically provided through linkage with hospital databases

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# HOSPITAL DISPOSITION

E22\_02

**Data** [combo] single-choice

*National Element*

## Definition

Indication of how the patient was dispositioned from the hospital, if admitted.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *HospitalDisposition*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** Yes

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

5365 Death

5370 Discharged

5375 Transfer to Hospital

5380 Transfer to Nursing Home

5385 Transfer to Other

5390 Transfer to Rehabilitation Facility

## Uses

- Allows data to be sorted based on the EMS patient outcome
- Allows data to describe EMS patient outcome

## Data Collector

- EMS Agency: Could be collected by EMS Administration or electronically provided through linkage with hospital databases

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

## References to Other Databases

- **UTSTEIN** Title: Survived Event to ED/ICU; Admitted to ED, Admitted to ICU

# LAW ENFORCEMENT/CRASH REPORT NUMBER

E22\_03

**Data** [text]

## Definition

The unique number associated with the law enforcement or crash report which can be used for linkage at a later date.

<b>XSD Data Type</b>	<i>xs:string</i>	<b>XSD Domain (Simple Type)</b>	<i>LawEnforcementCrashReportNumber</i>
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null Values</b>	Yes
<b>Required in XSD</b>	No	<b>Minimum Constraint</b>	2
		<b>Maximum Constraint</b>	20

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	

## Uses

- Important linkage between EMS data and Crash or Vehicle Data for Outcome evaluation

## Data Collector

- EMS Agency: Could be collected by EMS Administration or electronically provided through linkage with hospital databases

## Other Associated Elements

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
------------	--------------------	---------------	----------------------------

# TRAUMA REGISTRY ID

E22\_04

**Data** [text]

## Definition

The unique number associated with the local or state trauma registry which can be used for linkage at a later date.

<b>XSD Data Type</b>	<i>xs:string</i>	<b>XSD Domain (Simple Type)</b>	<i>TraumaRegistryID</i>
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null Values</b>	Yes
<b>Required in XSD</b>	No	<b>Minimum Constraint</b>	2
		<b>Maximum Constraint</b>	20

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available		

## Uses

- Important for Quality Management of the overall EMS Agency and Clinical performance
- Important linkage between EMS data and 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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
------------	--------------------	---------------	----------------------------



# FIRE INCIDENT REPORT NUMBER

E22\_05

**Data** [text]

## Definition

The unique number associated with the fire incident report which can be used for linkage at a later date.

<b>XSD Data Type</b>	<i>xs:string</i>	<b>XSD Domain (Simple Type)</b>	<i>FireIncidentReportNumber</i>
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null Values</b>	Yes
<b>Required in XSD</b>	No	<b>Minimum Constraint</b>	2
		<b>Maximum Constraint</b>	20

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	

## Uses

- Important for Quality Management of the overall EMS Agency and Clinical performance
- Important linkage between EMS data and Fire Data for Outcome evaluation

## Data Collector

- EMS Agency: Could be collected by EMS Administration or electronically provided through linkage with hospital databases

## Other Associated Elements

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
------------	--------------------	---------------	----------------------------

# PATIENT ID BAND/TAG NUMBER

E22\_06

**Data** [text]

## Definition

The unique number associated with a patient ID band agency. This is used by a few states as a universal linkage between healthcare data agencies.

<b>XSD Data Type</b>	<i>xs:string</i>	<b>XSD Domain (Simple Type)</b>	<i>PatientIDBandTagNumber</i>
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null Values</b>	Yes
<b>Required in XSD</b>	No	<b>Minimum Constraint</b>	2
		<b>Maximum Constraint</b>	20

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	

## Uses

- Important for Quality Management of the overall EMS Agency and Clinical performance
- Important linkage between EMS data and 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

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
------------	--------------------	---------------	----------------------------

# *Miscellaneous*

# REVIEW REQUESTED

E23\_01

**Data** [combo] single-choice

## Definition

Indication of whether the form needs review by anyone.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *YesNoValues*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-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

E23\_02

**Data** [combo] multiple-choice

## Definition

An indication if the patient may meet the entry criteria for a injury or illness specific registry

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *PotentialRegistryCandidate*  
**Multiple Entry Configuration**    Yes      **Accepts Null Values**    Yes  
**Required in XSD** No

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-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** [combo] multiple-choice

## Definition

The personal protective equipment which was used by EMS personnel during this EMS patient contact.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PersonalProtectiveEquipmentUsed*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

5435 Eye Protection

5440 Gloves

5445 Level A Suit

5450 Level B Suit

5455 Level C Suit

5460 Mask

5465 Other

## Uses

- Important for the Quality Management evaluation of personnel performance and safety initiatives
- Part of an EMS Medical Record

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# SUSPECTED INTENTIONAL, OR UNINTENTIONAL DISASTER

E23\_04

**Data** [combo] multiple-choice

## Definition

Suspicion of the listed multi-casualty or domestic terrorism causes.

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *SuspectedIntentionalOrUnintentionalDisaster*  
**Multiple Entry Configuration**    Yes      **Accepts Null Values**    Yes  
**Required in XSD**    No

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	5470	Biologic Agent
5475	Building Failure	5480	Chemical Agent
5485	Explosive Device	5490	Fire
5495	Hostage Event	5500	Mass Gathering
5505	Nuclear Agent	5510	Radioactive Device
5515	Secondary Destructive Device	5520	Shooting/Sniper
5525	Vehicular	5530	Weather

## Uses

- May assist in the tracking and identification of Disaster or Terrorism related events

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values      **E01\_01**    Patient Care Report Number

# SUSPECTED CONTACT WITH BLOOD/BODY FLUIDS OF EMS INJURY OR DEATH

E23\_05

**Data** [combo] single-choice

## Definition

Indication of unprotected contact with blood or body fluids

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *YesNoValues*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

0 No

1 Yes

## Additional Information

- If Suspected Contact with Blood/Body Fluids of EMS Injury or Death (E23\_05) is "YES", then Type of Suspected Blood/Body Fluid Exposure, Injury or Death (E23\_06) and Personnel Exposed (E23\_07) should be completed

## Uses

- Important for the Quality Management evaluation of personnel performance and safety initiatives
- Part of an EMS Medical Record

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E23\_06** Type of Suspected Blood/Body Fluid Exposure, Injury, or Death

**E23\_07** Personnel Exposed



# TYPE OF SUSPECTED BLOOD/BODY FLUID EXPOSURE, INJURY, OR

E23\_06

**Data** [combo] multiple-choice

## Definition

The type of exposure or unprotected contact with blood or body fluids

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *TypeOfSuspectedExposureToBodilyFluids*  
**Multiple Entry Configuration**    Yes      **Accepts Null Values**    Yes  
**Required in XSD**    No

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	5540	Contact to Broken Skin
5545	Contact to Intact Skin	5550	Contact with Eye
5555	Contact with Mucosal Surface	5560	Inhalation Exposure
5565	Needle Stick with Fluid Injection	5570	Needle Stick without Fluid Injection
5575	Other Physical injury	5580	Death
5585	None		

## Additional Information

- If Suspected Contact with Blood/Body Fluids of EMS Injury or Death (E23\_05) is "YES", then Type of Suspected Blood/Body Fluid Exposure, Injury or Death (E23\_06) and Personnel Exposed (E23\_07) should be completed

## Uses

- Important for the Quality Management evaluation of personnel performance and safety initiatives
- Part of an EMS Medical Record

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E23_05</b>	Suspected Contact with Blood/Body Fluids of EMS Injury or Death	<b>E23_07</b>	Personnel Exposed

# PERSONNEL EXPOSED

E23\_07

**Data** [combo] multiple-choice

## Definition

The EMS personnel who was/were exposed to unprotected contact with blood or body fluids

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PersonnelExposed*

**Multiple Entry Configuration** Yes

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

5590 This EMS Crew

5595 Non-EMS individual

5600 Other EMS Personnel

## Additional Information

- If Suspected Contact with Blood/Body Fluids of EMS Injury or Death (E23\_05) is "YES", then Type of 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

E23\_08

**Data** [combo] single-choice

## Definition

The presence of any condition which is reportable based on federal or state regulations.

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *YesNoValues*

**Multiple Entry Configuration** No

**Accepts Null Values** Yes

**Required in XSD** No

## Field Values

-25 Not Applicable

-20 Not Recorded

-15 Not Reporting

-10 Not Known

-5 Not Available

0 No

1 Yes

## Uses

- Allows reports to be generated to assist in the required reporting of mandated medical or social conditions
- Important for the Quality Management evaluation of personnel performance and safety initiatives
- Part of an EMS Medical Record

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

# RESEARCH SURVEY FIELD

E23\_09

**Data** [text]

## Definition

A customizable field to be used by local agencies for additional documentation or research.

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *ResearchField*  
**Multiple Entry Configuration**    Yes, via structure                      **Accepts Null Values**    Yes  
**Required in XSD**    No                      **Minimum Constraint**    1                      **Maximum Constraint**    50  
XSD Structure: Elements E23\_09 and E23\_11 are members of E23\_09\_0 Research Data Structure

## Field Values

-25 Not Applicable    -20 Not Recorded  
-15 Not Reporting    -10 Not Known  
-5 Not Available

## Additional Information

- A multiple entry configuration to allow multiple Research Survey Fields

## Uses

- Used by local EMS agencies to document issues which are specific to an agency or related to research or short term evaluation

## Data Collector

- EMS personnel

## Other Associated Elements

**E00**    Common Null Values    **E01\_01**    Patient Care Report Number  
**E23\_11**    Research Survey Field Title

# WHO GENERATED THIS REPORT?

E23\_10

**Data** [text]

## Definition

The statewide assigned ID number of the EMS crew member which completed this patient care report

<b>XSD Data Type</b>	<i>xs:integer</i>	<b>XSD Domain (Simple Type)</b>	<i>CrewMemberID</i>
<b>Multiple Entry Configuration</b>	No	<b>Accepts Null Values</b>	Yes
<b>Required in XSD</b>	No	<b>Minimum Constraint</b>	2
		<b>Maximum Constraint</b>	15

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	

## Additional Information

- Linked to State/Licensure ID Number (D07\_02)
- List box created from the State/Licensure ID Number (D07\_02) which could display the Personnel's Names as associated with D08\_01, D08\_02, and D08\_03 for easy data entry

## Uses

- Important for the Quality Management evaluation
- Part of an EMS Medical Record

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
------------	--------------------	---------------	----------------------------

# RESEARCH SURVEY FIELD TITLE

E23\_11

**Data** [text]

## Definition

A customizable field to be used by local agencies for additional documentation or research.

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *ResearchTitle*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** No

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

XSD Structure: Elements E23\_09 and E23\_11 are members of E23\_09\_0 Research Data Structure

## Field Values

## Additional Information

- A multiple entry configuration to allow multiple Research Survey Fields

## Uses

- Used by local EMS agencies to document issues which are specific to an agency or related to research or short term evaluation

## Data Collector

- EMS personnel

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E23\_09** Research Survey Field

# Appendix – A

## Modification Date

04 / 09 / 2012

[E18\\_04 – Medication Administration Route](#)

Page 385

4195 = Intranasal was already in the XML Schema but missing from the Data Dictionary

## Modification Date

05 / 04 / 2010

[D07\\_03 - PERSONNEL'S EMPLOYMENT STATUS](#)

Page 94

According to the NEMESIS XSD the NEMESIS Data Dictionary 2.2.1 was missing a value for Element D07\_03. This omission has been corrected. Below is the value that was added:

Element	Element Name	Value	Value Name
D07_03	Personnel's Employment Status	7535	No Longer Employed By Service

## Modification Date

02 / 24 / 2010

[E12\\_04 - FIRST NAME OF PATIENT'S PRIMARY PRACTITIONER](#)

Page 297

[E12\\_05 - MIDDLE NAME OF PATIENT'S PRIMARY PRACTITIONER](#)

Page 298

[E12\\_06 - LAST NAME OF PATIENT'S PRIMARY PRACTITIONER](#)

Page 299

The Data Dictionary does not accurately reflect the XSD structure for E12\_04, E12\_05 and E12\_06. According to the XSD, these three elements are child elements of E12\_4\_0 however the Data Dictionary shows E12\_04\_0: "XSD Structure: E12\_04, E12\_05, and E12\_06 are all members of E12\_04\_0 Primary Practitioner's Name Structure". This is causing problems for submission of data to Pennsylvania. E12\_04\_0 has been changed to E12\_4\_0

**Modification Date**

**1 / 24 / 2009**

[D04\\_04 - PROCEDURES](#)

Page 344

Procedures codes have been added to D04\_04 as shown in the table below.



**NEMESIS Version 2.2.1 Accepted Procedure (D04\_04) Changes 1/24/2009**

1.	12-Lead ECG-Obtain	▪ Same as 89.820
2.	12-Lead ECG-Transmitted	▪ Add as 89.821
3.	Activation-Advanced Hazmat Specialty Service/Response Team	▪ Add as 101.201
4.	Activation-Fire Rehabilitation Specialty Service/Response Team	▪ Add as 101.202
5.	Activation-Other Specialty Service/Response Team	▪ Add as 101.203
6.	Activation-Rescue Specialty Service/Response Team	▪ Add as 101.204
7.	Activation-Social Services Notification/Referral	▪ Add as 101.205
8.	Activation-Tactical or SWAT Specialty Service/Response Team	▪ Add as 101.206
9.	Airway Intubation-Existing Tracheostomy Stoma	▪ Add as 97.231
10.	Airway-BiPAP	▪ Add as 96.702
11.	Airway-Direct Laryngoscopy	▪ Add as 31.420
12.	Airway-Extubation	▪ Add as 96.993
13.	Airway-Foreign Body Removal	▪ Add as 98.131
14.	Airway-Impedance Threshold Device	▪ Add as 96.703
15.	Airway-Intubation Confirm Colorimetric ETCO2	▪ Same as 96.991
16.	Airway-King LT Blind Insertion Airway Device	▪ Add as 96.053
17.	Airway-Video Laryngoscopy	▪ Add as 31.421
18.	Assisted ventilation (positive pressure) Airway bagged (Tube or BVM)	▪ Same as Airway-Bagged (93.930) but name changed to Airway-Bagged (BVM or tube)
19.	CO2 Monitoring without intubation	▪ Same as Capnography (89.391) but name change to Capnography (CO2 measurement)
20.	Contact Medical Control	▪ Add as 101.500
21.	CPR-AutoPulse Device	▪ Add as 99.602
22.	CPR-Mechanical Thumper Type Device	▪ Add as 99.603
23.	CPR-Other External Device	▪ Add as 99.601 (Name change but same as CPR by External Automated Device)
24.	CPR-Precordial Thump Only	▪ Add as 99.604
25.	CPR-Start Compressions and Ventilations	▪ Same as CPR (99.600) but will change name to CPR-Start
26.	CPR-Start Compressions only without Ventilation	▪ Add as 99.611
27.	CPR-Start Rescue Breathing Only without Compressions	▪ Add as 99.612
28.	CPR-Stop	▪ Add as 99.615
29.	Escarotomy	▪ Add as 86.090
30.	Gastric Tube Insertion-Inserted Orally	▪ Add as 96.071
31.	Intra-Aortic Balloon Pump Maintenance	▪ Same as Intra-Aortic Balloon Pump but name changed (37.611)
32.	Joint Reduction/Relocation	▪ Add as 79.700

33.	Left Ventricular Assist Device Maintenance	▪ Add as 37.612
34.	Patient Cooling (Cold Pack, etc)	▪ Add as 99.810
35.	Patient Cooling-Post Resuscitation	▪ Add as 99.811
36.	Patient Loaded	▪ Add as 100.300 includes all vehicle types including Helicopter-Cold Loads
37.	Patient Loaded-Helicopter Hot-Load	▪ Add as 100.301
38.	Patient Monitoring-Pre-existing devices, equipment, or ongoing medications	▪ Add as 89.599
39.	Patient Off-Loaded	▪ Add as 100.302 includes all vehicle types including Helicopter-Cold Off Loads
40.	Patient Off-Loaded-Helicopter Hot Off-Load	▪ Add as 100.303
41.	Patient Warming (Hot Pack, etc)	▪ Add as 93.350
42.	Pericardiocentesis	▪ Add as 37.000
43.	Specialty Center Activation-Adult Trauma	▪ Add as 101.101
44.	Specialty Center Activation-Cardiac Arrest	▪ Add as 101.103
45.	Specialty Center Activation-Pediatric Trauma	▪ Add as 101.102
46.	Specialty Center Activation-STEMI	▪ Add as 101.104
47.	Specialty Center Activation-Stroke	▪ Add as 101.105
48.	Vagal Maneuver- Valsalva Maneuver (Not Carotid Massage)	▪ Add as 99.641
49.	Vagal Maneuver-Carotid Massage (99.640)	▪ Name change from Carotid Massage (99.640)
50.	Venous Access-Umbilical Vein Cannulation	▪ Add as 39.998
51.	Wound Care-Hemostatic Agent	▪ Add as 93.059
52.	Wound Care-Irrigation	▪ Add as 93.058
53.	Wound Care-Taser Barb Removal	▪ Add as 93.055
54.	Wound Care-Tourniquet	▪ Add as 93.056

**Modification Date**

**10 / 27 / 2008**

[E23\\_09 - RESEARCH SURVEY FIELD](#)

Page 464

Data Dictionary maximum constraint changed from 2 to 1. Maximum value changed from 30 to 50

## Modification Date

10 / 14 / 2008

### [E14\\_05 - DBP \(Diastolic Blood Pressure\)](#)

Page 317

Data Dictionary maximum constraint changed to 200, from 300, because XSD has 200 for maximum value

### [E14\\_26 - APGAR](#)

Page 338

“Accept Null Values” changed from “No” to “Yes, but null value is blank or empty”

### [E04\\_03 - Crew Member Level](#)

Page 471

### [D04\\_01 - State Certification Licensure Levels](#)

Page 473

For element E04\_03 the Data Dictionary indicates this field is an integer value. However the values for E04\_03 are based on a demographic list pulled from data element D04\_01, which allows for text to provide for state-specific crew member levels not included in the NEMSIS set. The “XSD Data Type” for D04\_01 indicates “string/integer”. To reflect this, E04\_01 “XSD Data Type” was changed to “string/integer”.

## Modification Date

2007

### [E11\\_06 - Any Return of Spontaneous Circulation](#)

Page 283

“0 No” changed to “2380 No”

# INDEX

911 Call Volume per Year	15
Abdomen Left Lower	364
Abdomen Left Upper	363
Abdomen Right Lower	366
Abdomen Right Upper	365
Advanced Directives	296
AED, Pacing, or CO2 Mode	432
Age	185
Age Units	186
Agency Contact Address	27
Agency Contact City	28
Agency Contact Email Address	33
Agency Contact Fax Number	32
Agency Contact First Name	26
Agency Contact Last Name	24
Agency Contact Middle	25
Agency Contact State	29
Agency Contact Telephone	31
Agency Contact Web Address	34
Agency Contact Zip Code	30
Agency Medical Director	39
Agency Medical Director City	40
Agency Medical Director	46
Agency Medical Director Fax	44
Agency Medical Director First	38
Agency Medical Director Last	36
Agency Medical Director	37
Agency Medical Director	41
Agency Medical Director	43
Agency Medical Director Zip	42
Agency Medical Director's	45
Airbag Deployment	275
Alcohol/Drug Use Indicators	308
Annual Vehicle Hours	85
Annual Vehicle Miles	86
Condition Code Number	226
Condition of Patient at	424
Crew Member ID	154
Crew Member Level	156
Crew Member Role	155
Current Medication	306
Current Medication Dosage	305
Current Medication Dose	304
Current Medications	303
Date Length of Service	114
Date of Birth	187
Date of Personnel's	93
Date/Time Initial Responder	234

Date/Time Medication	382
Date/Time of Assessment	356
Date/Time Procedure	394
Date/Time Resuscitation	286
Date/Time Vital Signs Taken	313
DBP (Diastolic Blood	317
Destination City	413
Destination Confirmation of	408
Destination County	415
Destination Facility Number	63
Destination GPS Location	417
Destination Medical Record	292
Destination State	414
Destination Street Address	412
Destination Type	64
Destination Zip Code	416
Destination Zone Number	418
Destination/Transferred To,	411
Destination/Transferred To,	410
Device CO2 or etCO2	445
Device CO2, etCO2, or	446
Device Diastolic Blood	442
EMS Personnel's First Name	97
EMS Personnel's Gender	106
EMS Personnel's Home	103
EMS Personnel's Last Name	95
EMS Personnel's Mailing	98
EMS Personnel's Middle	96
EMS Personnel's Race	107
EMS Personnel's State	100
EMS Personnel's Work	102
EMS Personnel's Zip Code	101
EMS Transport Volume per	17
EMS Unit (Vehicle) Response	131
EMS Unit Call Sign	49
EMS Unit Call Sign (Radio	140
EMS Unit/Vehicle Number	139
Ending Odometer Reading of	147
Environmental/Food	298
Estimated Body Weight	354
Estimated Date/Time Initial	233
Estimated Time of Arrest	285
Ethnicity	184
Event Date/Time	428
Extremities-Left Lower	374
Extremities-Left Upper	373
Extremities-Right Lower	372
Extremities-Right Upper	371
Eyes-Left Assessment	375
Eyes-Right Assessment	376

<b>Fire Incident Report Number</b>	<b>453</b>
<b>First Monitored Rhythm of</b>	<b>282</b>
<b>First Name</b>	<b>173</b>
<b>First Name of Patient's</b>	<b>293</b>
<b>First Name of the Closest</b>	<b>210</b>
<b>First Name of the Insured</b>	<b>203</b>
<b>Gender</b>	<b>182</b>
<b>Insurance Policy ID Number</b>	<b>201</b>
<b>Intent of the Injury</b>	<b>268</b>
<b>Last Name</b>	<b>172</b>
<b>Last Name of Patient's</b>	<b>295</b>
<b>Last Name of the Insured</b>	<b>202</b>
<b>Law Enforcement/Crash</b>	<b>451</b>
<b>Level of Responsiveness</b>	<b>334</b>
<b>Level of Service</b>	<b>8</b>
<b>Mass Casualty Incident</b>	<b>236</b>
<b>Mechanism of Injury</b>	<b>269</b>
<b>Medical Device Event Name</b>	<b>429</b>
<b>Medical History Obtained From</b>	<b>300</b>
<b>Medical/Surgical History</b>	<b>299</b>
<b>Medication Administered</b>	<b>383</b>
<b>Medication Administered</b>	<b>385</b>
<b>Medication Allergies</b>	<b>297</b>
<b>Medication Authorization</b>	<b>391</b>
<b>Medication Authorizing</b>	<b>392</b>
<b>Medication Complication</b>	<b>389</b>
<b>Medication Crew Member ID</b>	<b>390</b>
<b>Medication Dosage</b>	<b>386</b>
<b>Medication Dosage Units</b>	<b>387</b>
<b>Medication Given</b>	<b>384</b>
<b>Medications Given</b>	<b>54</b>
<b>Mental Status Assessment</b>	<b>377</b>
<b>Method of Blood Pressure</b>	<b>318</b>
<b>Middle Initial/Name</b>	<b>174</b>
<b>Middle Initial/Name of the</b>	<b>211</b>
<b>Middle Initial/Name of the</b>	<b>204</b>
<b>Middle Name of Patient's</b>	<b>294</b>
<b>Model Number</b>	<b>119</b>
<b>National Provider Identifier</b>	<b>22</b>
<b>National Registry Credentialed</b>	<b>110</b>
<b>Neck Assessment</b>	<b>360</b>
<b>Neurological Assessment</b>	<b>378</b>
<b>Neurological Outcome at</b>	<b>284</b>
<b>NHTSA Injury Matrix</b>	<b>347</b>
<b>NHTSA Injury Matrix</b>	<b>342</b>
<b>NHTSA Injury Matrix Face</b>	<b>344</b>
<b>NHTSA Injury Matrix Head</b>	<b>343</b>
<b>NHTSA Injury Matrix Lower</b>	<b>351</b>
<b>NHTSA Injury Matrix Neck</b>	<b>345</b>
<b>NHTSA Injury Matrix Pelvis</b>	<b>350</b>

<b>NHTSA Injury Matrix Spine</b>	<b>348</b>
<b>NHTSA Injury Matrix Thorax</b>	<b>346</b>
<b>NHTSA Injury Matrix</b>	<b>352</b>
<b>NHTSA Injury Matrix Upper</b>	<b>349</b>
<b>Number Of Each Personnel</b>	<b>81</b>
<b>Number of Patients at Scene</b>	<b>235</b>
<b>Number of Procedure</b>	<b>398</b>
<b>Obtained Prior to this Units</b>	<b>314</b>
<b>On-Scene Odometer Reading</b>	<b>145</b>
<b>Organization Status</b>	<b>10</b>
<b>Organizational Type</b>	<b>9</b>
<b>Other Agencies In Area</b>	<b>12</b>
<b>Other Associated Symptoms</b>	<b>260</b>
<b>Other Destinations</b>	<b>62</b>
<b>Other EMS Agencies at Scene</b>	<b>231</b>
<b>Other Services at Scene</b>	<b>232</b>
<b>Other Types of Service</b>	<b>7</b>
<b>Outcome of the Prior Aid</b>	<b>249</b>
<b>Pacing Rate</b>	<b>438</b>
<b>Pain Scale</b>	<b>335</b>
<b>Patient Arrived at</b>	<b>167</b>
<b>Patient Care Report Number</b>	<b>124</b>
<b>Patient Destination</b>	<b>146</b>
<b>Patient ID Band/Tag Number</b>	<b>454</b>
<b>Patient's Employer's City</b>	<b>220</b>
<b>Patient's Employer's State</b>	<b>221</b>
<b>Patient's Employer's Zip</b>	<b>222</b>
<b>Patient's Home Country</b>	<b>180</b>
<b>Patient's Occupation</b>	<b>208</b>
<b>Patient's Occupational</b>	<b>207</b>
<b>Patient's Employer</b>	<b>218</b>
<b>Patient's Employer's Address</b>	<b>219</b>
<b>Patient's Home Address</b>	<b>175</b>
<b>Patient's Home City</b>	<b>176</b>
<b>Patient's Home County</b>	<b>177</b>
<b>Patient's Home State</b>	<b>178</b>
<b>Patient's Home Zip Code</b>	<b>179</b>
<b>Patient's Work Telephone</b>	<b>223</b>
<b>Pediatric Trauma Score</b>	<b>340</b>
<b>Personal Protective</b>	<b>458</b>
<b>Personnel Exposed</b>	<b>462</b>
<b>Personnel Level Permitted to</b>	<b>55</b>
<b>Personnel Level Permitted to</b>	<b>53</b>
<b>Personnel Level Permitted to</b>	<b>58</b>
<b>Personnel's Agency ID</b>	<b>88</b>
<b>Personnel's Employment</b>	<b>90</b>
<b>Personnel's Level of</b>	<b>92</b>
<b>Position of Patient During</b>	<b>421</b>
<b>Position of Patient in the</b>	<b>273</b>
<b>Possible Injury</b>	<b>250</b>

Potential Registry Candidate	457
Pregnancy	309
Presence of Emergency	307
Primary Method of Payment	192
Primary or Home Telephone	188
Primary Role of the Unit	133
Primary Symptom	259
Primary Type of Service	6
Prior Aid	247
Prior Aid Performed by	248
Procedure	396
Procedure Authorization	404
Procedure Authorizing	405
Procedure Complication	400
Procedure Crew Members ID	403
Procedure Performed Prior to	395
Procedure Successful	399
Procedures	51
Protocol	56
Protocols Used	380
Provider's Secondary	263
Providers Primary	261
PSAP Call Date/Time	159
Pulse Oximetry	321
Pulse Rate	319
Pulse Rhythm	322
Race	183
Reason CPR Discontinued	287
Reason for Choosing	425
Relationship to the Insured	205
Required Reportable	463
Research Survey Field	464
Research Survey Field Title	466
Respiratory Effort	324
Respiratory Rate	323
Response Mode to Scene	148
Response to Medication	388
Response to Procedure	402
Response Urgency	224
Resuscitation Attempted	280
Review Requested	456
Revised Trauma Score	339
Run Report Narrative	311
SBP (Systolic Blood	316
Scene GPS Location	240
Scene Zone Number	239
Seat Row Location of Patient	272
Secondary Complaint	254
Sending Facility Medical	291
Shock or Pacing Energy	436



Size of Procedure Equipment	397
Skin Assessment	357
Social Security Number	181
Software Creator	125
Software Name	126
Software Version	127
State Certification Licensure	48
State Certification/Licensure	80
State EMS Certification	109
State EMS Current	111
State Issuing Driver's License	189
State/Licensure ID Number	89
Station Address	72
Station City	73
Station GPS	71
Station Name	68
Station Number	69
Station State	74
Station Telephone Number	76
Station Zip	75
Station Zone	70
Statistical Year	11
Stroke Scale	336
Successful IV Site	406
Suspected Contact with	460
Suspected Intentional, or	459
Temperature	332
Temperature Method	333
Thrombolytic Screen	337
Time Units of Duration of	253
Time Units of Duration of	256
Total Glasgow Coma Score	331
Total Length of Service	113
Total Number of Shocks	437
Total Service Area Population	14
Total Service Size Area	13
Transfer of Patient Care	165
Transport Mode from Scene	423
Trauma Registry ID	452
Tube Confirmation	407
Type of Destination	426
Type of Dispatch Delay	134
Type of Response Delay	135
Type of Scene Delay	136
Type of Service Requested	132
Type of Shock	435
Type of Suspected	461
Type of Transport Delay	137
Type of Turn-Around Delay	138
Unit Arrived on Scene	163

<b>Unit Back at Home Location</b>	<b>170</b>
<b>Unit Back in Service</b>	<b>168</b>
<b>Unit Cancelled Date/Time</b>	<b>169</b>
<b>Unit En Route Date/Time</b>	<b>162</b>
<b>Unit Left Scene Date/Time</b>	<b>166</b>
<b>Unit Notified by Dispatch</b>	<b>161</b>
<b>Unit/Vehicle Number</b>	<b>78</b>
<b>Use of Occupant Safety</b>	<b>274</b>
<b>Vehicle Dispatch GPS</b>	<b>143</b>
<b>Vehicle Dispatch Location</b>	<b>141</b>
<b>Vehicle Dispatch Zone</b>	<b>142</b>
<b>Vehicle Initial Cost</b>	<b>82</b>
<b>Vehicle Model Year</b>	<b>83</b>
<b>Vehicle Type</b>	<b>79</b>
<b>Vehicular Injury Indicators</b>	<b>270</b>
<b>Waveform Graphic</b>	<b>431</b>
<b>Waveform Graphic Type</b>	<b>430</b>
<b>Who Generated this Report?</b>	<b>465</b>
<b>Work-Related</b>	<b>206</b>
<b>Year Miles/Hours Accrued</b>	<b>84</b>
<b>Zones</b>	<b>50</b>