

National
Emergency
Medical
Services
Information
System



NH TEMSIS

Data Dictionary

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

WWW.NHTEMSIS.ORG

Definition

The state-assigned provider number of the responding agency

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

References in NHTSA Version 1

Desirable Element 23 Patient Care Record Number

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Patient Number

Definition

The state in which the Agency provides services

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

Field Values

- Appropriate 2 digit FIPS code

Additional Information

- 2 digit FIPS code
- **Not Nullable. A unique value must be provided to create a unique record ID within a database**

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

References to Other Databases

- NFIRS 5.0 EMS Module, Title: State

Definition

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

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

Field Values

- Appropriate 5 digit FIPS code

Additional Information

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

Uses

- Used to group data with a state

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

Definition

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

References in NHTSA Version 1

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

References to Other Databases

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

ORGANIZATIONAL TYPE

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>OrganizationalType</i>
Multiple Entry Configuratio No	Accepts Null Value No
Required in XSD Yes	

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

ORGANIZATION STATUS

D01_09

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

5870 Mixed **5880** Non-Volunteer
5890 Volunteer

Uses

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

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

Definition

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

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

Field Values

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

Additional Information

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

Uses

- Important for HIPAA related transactions such as electronic claims processing

Data Collector

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

Other Associated Elements

D01_01 EMS Agency Number

Definition

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

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

Field Values

A unique value; no variable list is possible.

Additional Information

- Can be a 5 or 9 digit Zip Code

Uses

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

Data Collector

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

Other Associated Elements

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

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.

PATIENT CARE REPORT NUMBER

E01_01

Data Format [text]

National Element

Definition

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

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Desirable Element 23 Patient Care Record Number

References to Other Databases

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

Definition

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

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

Field Values

A unique value; no variable list is possible.

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

Definition

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

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

Field Values

A unique value; no variable list is possible.

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

Definition

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

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

Field Values

A unique value; no variable list is possible.

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

Definition

The state-assigned provider number of the responding agency

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References to Other Databases

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

Data Format [text]

Definition

The incident number assigned by the 911 Dispatch System

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 21 Incident Number

References to Other Databases

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

EMS UNIT (VEHICLE) RESPONSE NUMBER

E02_03

Data Format [text]

Definition

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

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 22 Response Number

TYPE OF SERVICE REQUESTED

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 20 Service Type

PRIMARY ROLE OF THE UNIT

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

- | | |
|-------------------------|---------------------|
| 60 Non-Transport | 65 Rescue |
| 70 Supervisor | 75 Transport |

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

TYPE OF DISPATCH DELAY

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

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

Uses

- Allows data to describe the status of Dispatch issues

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

TYPE OF RESPONSE DELAY

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

- | | |
|--------------------|---------------------|
| -25 Not Applicable | -15 Not Reporting |
| -10 Not Known | -5 Not Available |
| 125 Crowd | 130 Directions |
| 135 Distance | 140 Diversion |
| 145 HazMat | 150 None |
| 155 Other | 160 Safety |
| 165 Staff Delay | 170 Traffic |
| 175 Vehicle Crash | 180 Vehicle Failure |
| 185 Weather | |

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

TYPE OF SCENE DELAY

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

TYPE OF TRANSPORT DELAY

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 56 Factors Affecting EMS Delivery of Care

TYPE OF TURN-AROUND DELAY

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

EMS UNIT/VEHICLE NUMBER

Data Format [combo] single-choice

Definition

The unique physical vehicle number of the responding unit

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 24 Agency/Unit Number

EMS UNIT CALL SIGN (RADIO NUMBER)

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

Data Format [number]

Definition

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

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>OdometerReading</i>
Multiple Entry Configuratio No	Accepts Null Value No
Required in XSD No	Minimum Constraint 0 Maximum Constraint 999999.9

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Number recorded with one digit to the right of decimal

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number

Data Format [number]

Definition

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

XSD Data Type	<i>xs:decimal</i>	XSD Domain (Simple Type)	<i>OdometerReading</i>
Multiple Entry Configuratio	No	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	999999.9

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Number recorded with one digit to the right of decimal

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number

PATIENT DESTINATION ODOMETER READING OF RESPONDING VEHICLE

E02_18

Data Format [number]

Definition

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

XSD Data Type	<i>xs:decimal</i>	XSD Domain (Simple Type)	<i>OdometerReading</i>
Multiple Entry Configuratio	No	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	999999.9

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Number recorded with one digit to the right of decimal

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number

ENDING ODOMETER READING OF RESPONDING VEHICLE

E02_19

Data Format [number]

Definition

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

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>OdometerReading</i>
Multiple Entry Configuratio No	Accepts Null Value No
Required in XSD No	Minimum Constraint 0 Maximum Constraint 999999.9

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Number recorded with one digit to the right of decimal

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number

RESPONSE MODE TO SCENE

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

- | | |
|---|---|
| 380 Initial Lights and Sirens, Downgraded to No Lights or Sirens | 385 Initial No Lights or Sirens, Upgraded to Lights and Sirens |
| 390 Lights and Sirens | 395 No Lights or Sirens |

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 19 Lights and Sirens to Scene

COMPLAINT REPORTED BY DISPATCH

E03_01

Data Format [combo] single-choice

National Element

Definition

The complaint dispatch reported to the responding unit.

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

References to Other Databases

NHTSA EMD Data Element Chief Complaint Types

EMD PERFORMED

Data Format [combo] single-choice

National Element

Definition

Indication of whether EMD was performed for this EMS event.

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

Data Format [text]

Definition

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

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

CREW MEMBER ROLE

Data Format [combo] single-choice

Definition

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

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

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|-------------------------------|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E04_01 Crew Member ID | E04_03 Crew Member Level |

CREW MEMBER LEVEL

Data Format [combo] single-choice

Definition

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

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

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

References to Other Databases

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

Data Format [date/time]

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Desirable Element 06 Onset Date

Desirable Element 07 Onset Time

References to Other Databases

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

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value Yes, but null value is blank or empty
Required in XSD Yes	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 08 Date Incident Reported

Essential Element 09 Time Incident Reported

References to Other Databases

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

DISPATCH NOTIFIED DATE/TIME

Data Format [date/time]

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

- Provides information on how EMS requests are progressing through the PSAP and Dispatch Centers
- Used in the Quality Management evaluation of the PSAP and Dispatch Centers

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 10 Time Dispatch Notified

UNIT NOTIFIED BY DISPATCH DATE/TIME

Data Format [date/time]

National Element

Definition

The date the responding unit was notified by dispatch

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value No
Required in XSD Yes	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

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

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value Yes, but null value is blank or empty
Required in XSD Yes	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 13 Time Unit Responding

Data Format [date/time]

National Element

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value Yes, but null value is blank or empty
Required in XSD Yes	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 14 Time of Arrival at Scene

Data Format [date/time]

National Element

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value Yes, but null value is blank or empty
Required in XSD Yes	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 15 Time of Arrival at Patient

References to Other Databases

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

Data Format [date/time]

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References to Other Databases

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

UNIT LEFT SCENE DATE/TIME

Data Format [date/time]

National Element

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value Yes, but null value is blank or empty
Required in XSD Yes	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 16 Time Unit Left Scene

PATIENT ARRIVED AT DESTINATION DATE/TIME

E05_10

Data Format [date/time]

National Element

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value Yes, but null value is blank or empty
Required in XSD Yes	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 17 Time of Arrival at Destination

Data Format [date/time]

National Element

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value No
Required in XSD Yes	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 18 Time Back in Service

UNIT CANCELLED DATE/TIME

Data Format [date/time]

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

- Allows for reports to be generated better evaluating EMS response and usage patterns

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

Data Format [date/time]

National Element

Definition

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

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio No	Accepts Null Value Yes, but null value is blank or empty
Required in XSD Yes	Minimum Constraint 1990 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

LAST NAME

E06_01

Data Format [text]

Definition

The patient's last (family) name

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

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E06_02 First Name

E06_03 Middle Initial/Name

References in NHTSA Version 1

Essential Element 32 Patient Name

FIRST NAME

E06_02

Data Format [text]

Definition

The patient's first (given) name

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E06_01 Last Name	E06_03 Middle Initial/Name

References in NHTSA Version 1

Essential Element 32 Patient Name

Data Format [text]

Definition

The patient's middle name, if any

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>MiddleInitialName</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 1 Maximum Constraint 20
XSD Structure: E06_01, E06_02, and E06_03 are all members of the E06_01_0 Patient Name Structure	

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 32 Patient Name

PATIENT'S HOME ADDRESS

E06_04

Data Format [text]

Definition

The patient's home mailing or street address

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>StreetAddress</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 30
XSD Structure: E06_04, E06_05, E06_06, E06_07, E06_08 are all members of the E06_04_0 Patient Address Structure	

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 33 Patient Street Address

Data Format [combo] single-choice

Definition

The patient's home city or township or residence

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>City</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 30
XSD Structure: E06_04, E06_05, E06_06, E06_07, E06_08 are all members of the E06_04_0 Patient Address Structure	

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 34 City of Residence

Data Format [combo] single-choice

Definition

The patient's home county or parish or residence

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>County</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 20
XSD Structure: E06_04, E06_05, E06_06, E06_07, E06_08 are all members of the E06_04_0 Patient Address Structure	

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E06_01 Last Name	E06_04 Patient's Home Address
E06_05 Patient's Home City	E06_07 Patient's Home State
E06_08 Patient's Home Zip Code	

References in NHTSA Version 1

Desirable Element 35 County of Residence

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>State</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 3
XSD Structure: E06_04, E06_05, E06_06, E06_07, E06_08 are all members of the E06_04_0 Patient Address Structure	

Field Values

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

Additional Information

- 2 digit FIPS 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_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

Data Format [text]

National Element

Definition

The patient's home ZIP code of residence

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>Zip</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD Yes	Minimum Constraint 2 Maximum Constraint 10
XSD Structure: E06_04, E06_05, E06_06, E06_07, E06_08 are all members of the E06_04_0 Patient Address Structure	

Field Values

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

Additional Information

- Can be stored as a 5 or 9 digit code

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 37 Zip Code of Residence

PATIENT'S HOME COUNTRY

E06_09

Data Format [combo] single-choice

Definition

The patient's country of citizenship

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

Additional Information

- Stored as a FIPS code

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E06_01 Last Name

SOCIAL SECURITY NUMBER

E06_10

Data Format [number]

Definition

The patient's social security number

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

Uses

- Key component of an EMS Medical Record

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E06_01 Last Name

References in NHTSA Version 1

Desirable Element 39 Social Security Number

GENDER

E06_11

Data Format [combo] single-choice

National Element

Definition

The patient's gender

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 42 Gender

References to Other Databases

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

RACE

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 43 Race/Ethnicity

References to Other Databases

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

ETHNICITY

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 43 Race/Ethnicity

References to Other Databases

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

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *Age*

Multiple Entry Configuratio No

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

Required in XSD Yes

Minimum Constraint 1

Maximum Constraint 120

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Could be calculated from Date of Birth (E06_16)

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

E06_01 Last Name

E06_15 Age Units

References in NHTSA Version 1

Desirable Element 41 Age

References to Other Databases

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

AGE UNITS

Data Format [combo] single-choice

National Element

Definition

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

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

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

Field Values

-25 Not Applicable	-15 Not Reporting
-10 Not Known	-5 Not Available
700 Hours	705 Days
710 Months	715 Years

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E06_14 Age	

References in NHTSA Version 1

Desirable Element 41 Age

DATE OF BIRTH

Data Format [date]

Definition

The patient's date of birth

XSD Data Type <i>xs:date</i>	XSD Domain (Simple Type) <i>DateOfBirth</i>
Multiple Entry Configuratio No	Accepts Null Value No
Required in XSD No	Minimum Constraint 1890 Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 40 Date of Birth

References to Other Databases

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

PRIMARY METHOD OF PAYMENT

E07_01

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

CERTIFICATE OF MEDICAL NECESSITY

E07_02

Data Format [combo] single-choice

Definition

Indication of whether a certificate of medical necessity is present

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

Data Format [text]

Definition

The ID number of the patient's insurance company

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

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

Field Values

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

Additional Information

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

Uses

- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

- | | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E06_01 Last Name | E07_04 Insurance Company Billing Priority |
| E07_05 Insurance Company Address | E07_06 Insurance Company City |
| E07_07 Insurance Company State | E07_08 Insurance Company Zip Code |
| E07_09 Insurance Group ID/Name | E07_10 Insurance Policy ID Number |
| E07_11 Last Name of the Insured | E07_12 First Name of the Insured |
| E07_13 Middle Initial/Name of the Insured | E07_14 Relationship to the Insured |

Data Format [combo] single-choice

Definition

The billing priority or order for the insurance company.

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

Field Values

- | | |
|--------------------|---------------|
| -25 Not Applicable | -10 Not Known |
| -5 Not Available | 755 Primary |
| 760 Secondary | 765 Other |

Uses

- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

- | | |
|------------------------------------|---|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E07_03 Insurance Company ID/Name | E07_05 Insurance Company Address |
| E07_06 Insurance Company City | E07_07 Insurance Company State |
| E07_08 Insurance Company Zip Code | E07_09 Insurance Group ID/Name |
| E07_10 Insurance Policy ID Number | E07_11 Last Name of the Insured |
| E07_12 First Name of the Insured | E07_13 Middle Initial/Name of the Insured |
| E07_14 Relationship to the Insured | |

Data Format [text]

Definition

The mailing address of the Insurance Company

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

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

Field Values

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

Additional Information

- E07_05, E07_06, D07_07 and D07_08 are members of the Insurance Address group

Uses

- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

<p>E00 Common Null Values</p> <p>E06_01 Last Name</p> <p>E07_04 Insurance Company Billing Priority</p> <p>E07_07 Insurance Company State</p> <p>E07_09 Insurance Group ID/Name</p> <p>E07_11 Last Name of the Insured</p> <p>E07_13 Middle Initial/Name of the Insured</p>	<p>E01_01 Patient Care Report Number</p> <p>E07_03 Insurance Company ID/Name</p> <p>E07_06 Insurance Company City</p> <p>E07_08 Insurance Company Zip Code</p> <p>E07_10 Insurance Policy ID Number</p> <p>E07_12 First Name of the Insured</p> <p>E07_14 Relationship to the Insured</p>
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Data Format [combo] single-choice

Definition

The insurance companies city or township

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

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

Field Values

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

Additional Information

- 5 digit FIPS Code
- Could be filled in from Insurance Company Zip Code (E07_08)
- E07_05, E07_06, D07_07 and D07_08 are members of the Insurance Address group

Uses

- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

<p>E00 Common Null Values</p> <p>E06_01 Last Name</p> <p>E07_04 Insurance Company Billing Priority</p> <p>E07_07 Insurance Company State</p> <p>E07_09 Insurance Group ID/Name</p> <p>E07_11 Last Name of the Insured</p> <p>E07_13 Middle Initial/Name of the Insured</p>	<p>E01_01 Patient Care Report Number</p> <p>E07_03 Insurance Company ID/Name</p> <p>E07_05 Insurance Company Address</p> <p>E07_08 Insurance Company Zip Code</p> <p>E07_10 Insurance Policy ID Number</p> <p>E07_12 First Name of the Insured</p> <p>E07_14 Relationship to the Insured</p>
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Data Format [combo] single-choice

Definition

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

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

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

Field Values

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

Additional Information

- 2 digit FIPS Code
- Could be filled in from Insurance Company Zip Code (E07_08)
- E07_05, E07_06, D07_07 and D07_08 are members of the Insurance Address group

Uses

- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

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

Definition

The insurance companies Zip Code

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

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

Field Values

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

Additional Information

- Can be a 5 or 9 digit Zip Code
- E07_05, E07_06, D07_07 and D07_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

- | | |
|---|---|
| <ul style="list-style-type: none"> E00 Common Null Values E06_01 Last Name E07_04 Insurance Company Billing Priority E07_06 Insurance Company City E07_09 Insurance Group ID/Name E07_11 Last Name of the Insured E07_13 Middle Initial/Name of the Insured | <ul style="list-style-type: none"> E01_01 Patient Care Report Number E07_03 Insurance Company ID/Name E07_05 Insurance Company Address E07_07 Insurance Company State E07_10 Insurance Policy ID Number E07_12 First Name of the Insured E07_14 Relationship to the Insured |
|---|---|

Data Format [text]

Definition

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

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

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

Field Values

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

Uses

- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

- | | |
|--|---|
| <ul style="list-style-type: none"> E00 Common Null Values E06_01 Last Name E07_04 Insurance Company Billing Priority E07_06 Insurance Company City E07_08 Insurance Company Zip Code E07_11 Last Name of the Insured E07_13 Middle Initial/Name of the Insured | <ul style="list-style-type: none"> E01_01 Patient Care Report Number E07_03 Insurance Company ID/Name E07_05 Insurance Company Address E07_07 Insurance Company State E07_10 Insurance Policy ID Number E07_12 First Name of the Insured E07_14 Relationship to the Insured |
|--|---|

Data Format [text]

Definition

The ID number of the patient's insurance policy

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

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

Field Values

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

Uses

- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

- | | |
|---|--|
| <ul style="list-style-type: none"> E00 Common Null Values E07_03 Insurance Company ID/Name E07_05 Insurance Company Address E07_07 Insurance Company State E07_09 Insurance Group ID/Name E07_12 First Name of the Insured E07_14 Relationship to the Insured | <ul style="list-style-type: none"> E01_01 Patient Care Report Number E07_04 Insurance Company Billing Priority E07_06 Insurance Company City E07_08 Insurance Company Zip Code E07_11 Last Name of the Insured E07_13 Middle Initial/Name of the Insured |
|---|--|

Data Format [text]

Definition

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

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

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

Field Values

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

Additional Information

- E07_11, E07_12, and D07_13 are members of the Name of Insured group

Uses

- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

<p>E00 Common Null Values</p> <p>E06_01 Last Name</p> <p>E07_04 Insurance Company Billing Priority</p> <p>E07_06 Insurance Company City</p> <p>E07_08 Insurance Company Zip Code</p> <p>E07_10 Insurance Policy ID Number</p> <p>E07_13 Middle Initial/Name of the Insured</p>	<p>E01_01 Patient Care Report Number</p> <p>E07_03 Insurance Company ID/Name</p> <p>E07_05 Insurance Company Address</p> <p>E07_07 Insurance Company State</p> <p>E07_09 Insurance Group ID/Name</p> <p>E07_12 First Name of the Insured</p> <p>E07_14 Relationship to the Insured</p>
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FIRST NAME OF THE INSURED

E07_12

Data Format [text]

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>FirstName</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 1 Maximum Constraint 20
XSD Structure: (1) E07_03, E07_05, E07_05, E07_06, E07_07, E07_08, E07_09, E07_10, E07_11, E07_12, E07_13, E07_14 are all members of E03 Insurance Structure. (2) E07_05, E07_06, E07_07, and E07_08 are all members of E07_05_0 Insurance Company Address Structure. (3) E07_11, E07_12, E07_13 are all members of E07_11_0 Insured Name Structure	

Field Values

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

Additional Information

- E07_11, E07_12, and D07_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	

Data Format [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 Configuratio	Yes, via structure	Accepts Null Value	Yes
Required in XSD	No	Minimum Constraint	1
		Maximum Constraint	20

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

Field Values

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

Additional Information

- E07_11, E07_12, and D07_13 are members of the Name of Insured group

Uses

- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

<p>E00 Common Null Values</p> <p>E07_03 Insurance Company ID/Name</p> <p>E07_05 Insurance Company Address</p> <p>E07_07 Insurance Company State</p> <p>E07_09 Insurance Group ID/Name</p> <p>E07_11 Last Name of the Insured</p> <p>E07_12 First Name of the Insured</p> <p>E07_14 Relationship to the Insured</p>	<p>E01_01 Patient Care Report Number</p> <p>E07_04 Insurance Company Billing Priority</p> <p>E07_06 Insurance Company City</p> <p>E07_08 Insurance Company Zip Code</p> <p>E07_10 Insurance Policy ID Number</p> <p>E07_11 Last Name of the Insured</p> <p>E07_12 First Name of the Insured</p>
--	--

RELATIONSHIP TO THE INSURED

E07_14

Data Format [combo] single-choice

Definition

The relationship of the patient to the primary insured person

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

770 Self

775 Spouse

780 Son/Daughter

785 Other

Uses

- Key component of an EMS Medical Record for billing

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E07_03 Insurance Company ID/Name

E07_04 Insurance Company Billing Priority

E07_05 Insurance Company Address

E07_06 Insurance Company City

E07_07 Insurance Company State

E07_08 Insurance Company Zip Code

E07_09 Insurance Group ID/Name

E07_10 Insurance Policy ID Number

E07_11 Last Name of the Insured

E07_12 First Name of the Insured

E07_13 Middle Initial/Name of the Insured

Data Format [combo] single-choice

Definition

Indication of whether or not the injury is work related.

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

PATIENT'S OCCUPATIONAL INDUSTRY

E07_16

Data Format [combo] single-choice

Definition

The occupational industry of the patient's work

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

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	790 Construction
795 Finance, Insurance, and Real Estate	800 Government
805 Manufacturing	810 Mining
815 Retail Trade	820 Services
825 Transportation and Public Utilities	830 Wholesale Trade

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

PATIENT'S OCCUPATION

E07_17

Data Format [combo] single-choice

Definition

The occupation of the patient

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

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	835 Management Occupations
840 Business and Financial Operations Occupations	845 Computer and Mathematical Occupations
850 Architecture and Engineering Occupations	855 Life, Physical, and Social Science Occupations
860 Community and Social Services Occupations	865 Legal Occupations
870 Education, Training, and Library Occupations	875 Arts, Design, Entertainment, Sports, and Media Occupations
880 Healthcare Practitioners and Technical Occupations	885 Healthcare Support Occupations
890 Protective Service Occupations	895 Food Preparation and Serving Related Occupations
900 Building and Grounds Cleaning and Maintenance Occupations	905 Personal Care and Service Occupations
910 Sales and Related Occupations	915 Office and Administrative Support Occupations
920 Farming, Fishing and Forestry Occupations	925 Construction and Extraction Occupations
930 Installation, Maintenance, and Repair Occupations	935 Production Occupations
940 Transportation and Material Moving Occupations	945 Military Specific Occupations

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

CLOSEST RELATIVE/GUARDIAN LAST NAME

E07_18

Data Format [text]

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>LastName</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 20
XSD Structure: E07_18, E07_19, and E07_20 are all members of E07_18_01 Closest Relative Structure	

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

FIRST NAME OF THE CLOSEST RELATIVE/ GUARDIAN

E07_19

Data Format [text]

Definition

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

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

Data Format [text]

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>MiddleInitialName</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 1 Maximum Constraint 20
XSD Structure: E07_18, E07_19, and E07_20 are all members of E07_18_01 Closest Relative Structure	

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

CLOSEST RELATIVE/ GUARDIAN STREET ADDRESS

E07_21

Data Format [text]

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>StreetAddress</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 30
XSD Structure: E07_21, E07_22, E07_23, E07_24 are all members of E07_21_0 Closest Relatives Address Structure	

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E06_01 Last Name	E07_18 Closest Relative/Guardian Last Name
E07_22 Closest Relative/ Guardian City	E07_23 Closest Relative/ Guardian State
E07_24 Closest Relative/ Guardian Zip Code	

CLOSEST RELATIVE/ GUARDIAN CITY

E07_22

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>City</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 30
XSD Structure: E07_21, E07_22, E07_23, E07_24 are all members of E07_21_0 Closest Relatives Address Structure	

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

CLOSEST RELATIVE/ GUARDIAN STATE

E07_23

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>State</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 3
XSD Structure: E07_21, E07_22, E07_23, E07_24 are all members of E07_21_0 Closest Relatives Address Structure	

Field Values

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

Additional Information

- 2 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_22 Closest Relative/ Guardian City
E07_24 Closest Relative/ Guardian Zip Code	

CLOSEST RELATIVE/ GUARDIAN ZIP CODE

E07_24

Data Format [text]

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>Zip</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 10
XSD Structure: E07_21, E07_22, E07_23, E07_24 are all members of E07_21_0 Closest Relatives Address Structure	

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E06_01 Last Name	E07_18 Closest Relative/Guardian Last Name
E07_21 Closest Relative/ Guardian Street Address	E07_22 Closest Relative/ Guardian City
E07_23 Closest Relative/ Guardian State	

CLOSEST RELATIVE/ GUARDIAN PHONE NUMBER

E07_25

Data Format [number]

Definition

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

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

Additional Information

- 10 digit telephone number

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E06_01 Last Name

E07_18 Closest Relative/Guardian Last Name

CLOSEST RELATIVE/ GUARDIAN RELATIONSHIP

E07_26

Data Format [combo] single-choice

Definition

The relationship of the patient's closest relative or guardian

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

CMS SERVICE LEVEL

Data Format [combo] single-choice

National Element

Definition

The CMS service level for this EMS encounter.

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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Definition

The condition codes are used to better describe the service and patient care delivery by an EMS service. Please consult CMS documentation for detailed descriptions of these condition codes and their use.

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>ConditionCodeNumber</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes
Required in XSD Yes	Minimum Constraint 2 Maximum Constraint 30
XSD Structure: E07_35, E07_36 are members of E07_35_0 Condition Codes Structure	

Field Values

- | | |
|--|---|
| -25 Not Applicable | -15 Not Reporting |
| -10 Not Known | -5 Not Available |
| 8001 Severe Abdominal Pain (ALS-789.00) | 8002 Abdominal Pain (ALS-789.00) |
| 8003 Abnormal Cardiac Rhythm/Cardiac Dysrhythmia (ALS-427.9) | 8004 Abnormal Skin Signs (ALS-780.8) |
| 8005 Abnormal Vital Signs (ALS-796.4) | 8006 Allergic Reaction (ALS-995.0) |
| 8007 Allergic Reaction (BLS-692.9) | 8008 Blood Glucose (ALS-790.21) |
| 8009 Respiratory Arrest (ALS-799.1) | 8010 Difficulty Breathing (ALS-786.05) |
| 8011 Cardiac Arrest-Resuscitation in Progress (ALS-427.5) | 8012 Chest Pain (non-traumatic) (ALS-786.50) |
| 8013 Choking Episode (ALS-784.9) | 8014 Cold Exposure (ALS-991.6) |
| 8015 Cold Exposure (BLS-991.9) | 8016 Altered Level of Consciousness (non-traumatic) (ALS-780.01) |
| 8017 Convulsions/Seizures (ALS-780.39) | 8018 Eye Symptoms (non-traumatic) (BLS-379.90) |
| 8019 Non Traumatic Headache (ALS-437.9) | 8020 Cardiac Symptoms other than Chest Pain (palpitations) (ALS-785.1) |
| 8021 Cardiac Symptoms other than Chest Pain (atypical pain) (ALS-536.2) | 8022 Heat Exposure (ALS-992.5) |
| 8023 Heat Exposure (BLS-992.2) | 8024 Hemorrhage (ALS-459.0) |
| 8025 Infectious Diseases requiring Isolation/Public Health Risk (BLS-038.9) | 8026 Hazmat Exposure (ALS-987.9) |
| 8027 Medical Device Failure (ALS-996.0) | 8028 Medical Device Failure (BLS-996.3) |
| 8029 Neurologic Distress (ALS-436.0) | 8030 Pain (Severe) (ALS-780.99) |
| 8031 Back Pain (non-traumatic possible cardiac or vascular) (ALS-724.5) | 8032 Back Pain (non-traumatic with neurologic symptoms) (ALS-724.9) |
| 8033 Poisons (all routes) (ALS-977.9) | 8034 Alcohol Intoxication or Drug Overdose (BLS-305.0) |
| 8035 Severe Alcohol Intoxication (ALS-977.3) | 8036 Post-Operative Procedure Complications (BLS-998.9) |
| 8037 Pregnancy Complication/Childbirth/Labor (ALS-650.0) | 8038 Psychiatric/Behavioral (abnormal mental status) (ALS-292.9) |
| 8039 Psychiatric/Behavioral (threat to self or others) (BLS-298.9) | 8040 Sick Person-Fever (BLS-036.9) |
| 8041 Severe Dehydration (ALS-787.01) | 8042 Unconscious/Syncope/Dizziness (ALS-780.02) |
| 8043 Major Trauma (ALS-959.8) | 8044 Other Trauma (need for monitor or airway) (ALS-518.5) |
| 8045 Other Trauma (major bleeding) (ALS-958.2) | 8046 Other Trauma (fracture/dislocation) (BLS-829.0) |
| 8047 Other Trauma (penetrating extremity) (BLS-880.0) | 8048 Other Trauma (amputation digits) (BLS-886.0) |
| 8049 Other Trauma (amputation other) (ALS-887.4) | 8050 Other Trauma (suspected internal injuries) (ALS-869.0) |
| 8051 Burns-Major (ALS-949.3) | 8052 Burns-Minor (BLS-949.2) |
| 8053 Animal Bites/Sting/Envenomation (ALS-989.5) | 8054 Animal Bites/Sting/Envenomation (BLS-879.8) |
| 8055 Lightning (ALS-994.0) | 8056 Electrocution (ALS-994.8) |

- 8057** Near Drowning (ALS-994.1)
- 8058** Eye Injuries (BLS-921.9)
- 8059** Sexual Assault (major injuries) (ALS-995.83)
- 8060** Sexual Assault (minor injuries) (BLS-995.8)
- 8061** Cardiac/Hemodynamic Monitoring Required (ALS-428.9)
- 8062** Advanced Airway Management (ALS-518.81)
- 8063** IV Meds Required (ALS-No ICD code provided))
- 8064** Chemical Restraint (ALS-293.0)
- 8065** Suctioning/Oxygen/IV fluids required (BLS-496.0)
- 8066** Airway Control/Positioning Required (BLS-786.09)
- 8067** Third Party Assistance/Attendant Required (BLS-496.0)
- 8068** Patient Safety (restraints required) (BLS-298.9)
- 8069** Patient Safety (monitoring required) (BLS-293.1)
- 8070** Patient Safety (seclusion required) (BLS-298.8)
- 8071** Patient Safety (risk of falling off stretcher) (BLS-781.3)
- 8072** Special Handling (Isolation) (BLS-041.9)
- 8073** Special Handling (orthopedic device required) (BLS-907.2)
- 8074** Special Handling (positioning required) (BLS-719.45)

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

NUMBER OF PATIENTS AT SCENE

E08_05

Data Format [combo] single-choice

National Element

Definition

Indicator of how many total patients were at the scene

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References to Other Databases

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

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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INCIDENT ADDRESS

Data Format [text]

Definition

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

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>StreetAddress</i>
Multiple Entry Configuratio	No	Accepts Null Value	Yes
Required in XSD	No	Minimum Constraint	2
		Maximum Constraint	30
XSD Structure: E08_11, E08_12, E08_14, E08_15 are all members of E08_11_0 Incident Address Structure			

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 01 Incident Address

Data Format [combo] single-choice

Definition

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

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>City</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 30
XSD Structure: E08_11, E08_12, E08_14, E08_15 are all members of E08_11_0 Incident Address Structure	

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 02 Incident City

Data Format [combo] single-choice

Definition

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

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

Field Values

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

Additional Information

- Could be filled in from Incident Zip Code entry (E08_15)
- Stored as a 5 digit FIPS code (combining the state and county code) to take into account agencies may serve more than one state and counties are often named the same from state to state
- Stored as a FIPS code

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 03 Incident County

Data Format [combo] single-choice

Definition

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

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

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

Field Values

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

Additional Information

- 2 digit FIPS 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_12 Incident City	E08_15 Incident ZIP Code

References in NHTSA Version 1

Essential Element 04 Incident State

References to Other Databases

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

INCIDENT ZIP CODE

E08_15

Data Format [text]

National Element

Definition

The ZIP code of the incident location

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

- E00** Common Null Values
- E01_01** Patient Care Report Number
- E08_07** Incident Location Type
- E08_11** Incident Address
- E08_12** Incident City
- E08_14** Incident State

Definition

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

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

Field Values

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

Additional Information

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

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the specific prior aid received or not received by the patient
- Allows data to describe aid which was provided prior to EMS arrival
- Used as a Quality Management tool to evaluate Bystander and First Responder involvement

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 58 Time of First CPR

References to Other Databases

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

PRIOR AID PERFORMED BY

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

OUTCOME OF THE PRIOR AID

E09_03

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

-25 Not Applicable

-15 Not Reporting

-10 Not Known

-5 Not Available

1220 Improved

1225 Unchanged

1230 Worse

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

POSSIBLE INJURY

E09_04

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

CHIEF COMPLAINT

Data Format [text]

Definition

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

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 48 Chief Complaint

DURATION OF CHIEF COMPLAINT

E09_06

Data Format [number]

Definition

The time duration of the chief complaint

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>DurationOfChiefComplaint</i>
Multiple Entry Configuratio No	Accepts Null Value No
Required in XSD No	Minimum Constraint 1 Maximum Constraint 360

XSD Structure: E09_06 and E09_07 are members of E09_06_0 Duration of Chief Complaint Structure

Field Values

- Relevant Value for Data Element & Patient Care

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number

E09_05 Chief Complaint

E09_07 Time Units of Duration of Chief Complaint

TIME UNITS OF DURATION OF CHIEF COMPLAINT

E09_07

Data Format [combo] single-choice

Definition

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

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

Multiple Entry Configuratio No **Accepts Null Value** No

Required in XSD No

XSD Structure: E09_06 and E09_07 are members of E09_06_0 Duration of Chief Complaint Structure

Field Values

1235 Seconds

1240 Minutes

1245 Hours

1250 Days

1255 Weeks

1260 Months

1265 Years

- Relevant Value for Data Element & Patient Care

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number

E09_05 Chief Complaint

E09_06 Duration of Chief Complaint

CHIEF COMPLAINT ANATOMIC LOCATION

E09_11

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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CHIEF COMPLAINT ORGAN SYSTEM

E09_12

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

-25 Not Applicable	-15 Not Reporting
-10 Not Known	-5 Not Available
1350 Cardiovascular	1355 CNS/Nero
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

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 52 Signs and Symptoms Present

OTHER ASSOCIATED SYMPTOMS

Data Format [combo] multiple-choice

National Element

Definition

Other symptoms identified by the patient or observed by EMS personnel

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

Field Values

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

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

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

Field Values

- | | |
|---|--|
| -25 Not Applicable | -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 Paid = 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

= 31, Physical Assault/Abuse = 32, Scalds/Other Thermal = 33, Smoke Inhalation = 34, Stabbing Assault = 35, Venomous Sting = 36, Water Transport = 37, Other Cause of Injury/Illness = 00, Unknown Cause of Injury/Illness = UU

INTENT OF THE INJURY

Data Format [combo] single-choice

Definition

The intent of the individual inflicting the injury

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

2020 Intentional, Other (Assaulted)

2025 Intentional, Self

2030 Unintentional

Additional Information

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

Uses

- Important component of an EMS Medical Record: documentation of Intentional, Self
- Used to better define injury cause and describe injury patterns within and EMS community

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

References in NHTSA Version 1

Desirable Element 54 Injury Intent

References to Other Databases

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

MECHANISM OF INJURY

Data Format [combo] multiple-choice

Definition

The mechanism of the event which caused the injury.

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

Field Values

- 25** Not Applicable
- 5** Not Available
- 2040** Burn
- 2050** Penetrating
- 10** Not Known
- 2035** Blunt
- 2045** Other

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

VEHICULAR INJURY INDICATORS

E10_04

Data Format [combo] multiple-choice

Definition

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

SEAT ROW LOCATION OF PATIENT IN VEHICLE

E10_06

Data Format [text]

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>SeatRowLocation</i>
Multiple Entry Configuratio No	Accepts Null Value No
Required in XSD No	Minimum Constraint 1 Maximum Constraint 15
XSD Structure: E10_06 and E10_07 are members of E10_06_0 Position of Patient Structure	

Field Values

- Relevant Value for Data Element & Patient Care
- If a value of 50 is passed, the location is designated "Cargo Area"

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

E10_07 Position of Patient in the Seat of the Vehicle

POSITION OF PATIENT IN THE SEAT OF THE VEHICLE

E10_07

Data Format [combo] single-choice

Definition

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

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

Multiple Entry Configuratio No **Accepts Null Value** Yes

Required in XSD No

XSD Structure: E10_06 and E10_07 are members of E10_06_0 Position of Patient Structure

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

2145 Driver

2150 Left (non-driver)

2155 Middle

2160 Other

2165 Right

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E10_06 Seat Row Location of Patient in Vehicle

USE OF OCCUPANT SAFETY EQUIPMENT

E10_08

Data Format [combo] multiple-choice

Definition

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 55 Safety Equipment

References to Other Databases

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

Data Format [combo] multiple-choice

Definition

Indication of Airbag deployment during the motor vehicle crash.

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 55 Safety Equipment

References to Other Databases

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

HEIGHT OF FALL

Data Format [number]

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>HeightOfFall</i>
Multiple Entry Configuratio No	Accepts Null Value No
Required in XSD No	Minimum Constraint 1 Maximum Constraint 50000

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

CARDIAC ARREST

Data Format [combo] single-choice

National Element

E11_01

Definition

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

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

Field Values

-25 Not Applicable

-15 Not Reporting

-10 Not Known

-5 Not Available

0 No

2240 Yes, Prior to EMS Arrival

2245 Yes, After EMS Arrival

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

References to Other Databases

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

CARDIAC ARREST ETIOLOGY

E11_02

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

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

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

References to Other Databases

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

RESUSCITATION ATTEMPTED

E11_03

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

-25 Not Applicable

-15 Not Reporting

-10 Not Known

-5 Not Available

2280 Attempted Defibrillation

2285 Attempted Ventilation

2290 Initiated Chest Compressions

2295 Not Attempted-Considered Futile

2300 Not Attempted-DNR Orders

2305 Not Attempted-Signs of Circulation

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

References to Other Databases

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

ARREST WITNESSED BY

Data Format [combo] single-choice

Definition

Indication of who the cardiac arrest was witnessed by

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

Field Values

- 25 Not Applicable
- 5 Not Available
- 2315 Witnessed by Lay Person
- 10 Not Known
- 2310 Witnessed by Healthcare Provider
- 2320 Not Witnessed

Additional Information

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

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the Witnessed or Un-Witnessed Arrest which is a known key element associated with Cardiac Arrest Outcome
- Allows data to describe aid which was provided prior to EMS arrival
- Used as a Quality Management tool to evaluate Bystander and First Responder involvement

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 62 Witness of Cardiac Arrest

References to Other Databases

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

ANY RETURN OF SPONTANEOUS CIRCULATION

E11_06

Data Format [combo] single-choice

Definition

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

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

0 No

2370 Yes, Prior to ED Arrival Only

2375 Yes, Prior to ED Arrival and at the ED

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

References in NHTSA Version 1

Desirable Element 64 Return of Spontaneous Circulation

References to Other Databases

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

Definition

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

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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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

MEDICATION ALLERGIES

Data Format [combo] multiple-choice

Definition

The patient's medication allergies

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

Field Values

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

Additional Information

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

Uses

- Part of an EMS Medical Record

Data Collector

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

Other Associated Elements

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

ENVIRONMENTAL/FOOD ALLERGIES

E12_09

Data Format [combo] multiple-choice

Definition

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

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

Field Values

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

Uses

- Part of an EMS Medical Record

Data Collector

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

Other Associated Elements

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

MEDICAL/SURGICAL HISTORY

Data Format [combo or text] multiple-choice

Definition

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

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

Field Values

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

Additional Information

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

Uses

- Part of an EMS Medical Record

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 51 Pre-Existing Condition

CURRENT MEDICATIONS

Data Format [combo or text] multiple-choice

Definition

The medications the patient currently takes

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

XSD Structure: (1) E12_14, E12_15, E12_16, and E12_17 are all members of E12_14_0 Current Medications Structure. (2) E12_15 and E12_16 are members of E12_15_0 Current Medication Dose Structure

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

- Part of an EMS Medical Record

Data Collector

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

Other Associated Elements

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

CURRENT MEDICATION DOSE

E12_15

Data Format [number]

Definition

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

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>CurrentMedicationDose</i>	
Multiple Entry Configuratio Yes, via structure	Accepts Null Value No	
Required in XSD No	Minimum Constraint 0	Maximum Constraint 999999.99
XSD Structure: (1) E12_14, E12_15, E12_16, and E12_17 are all members of E12_14_0 Current Medications Structure. (2) E12_15 and E12_16 are members of E12_15_0 Current Medication Dose Structure		

Field Values

- Relevant Value for Data Element & Patient Care

Uses

- Part of an EMS Medical Record

Data Collector

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

Other Associated Elements

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

CURRENT MEDICATION DOSAGE UNIT

E12_16

Data Format [combo] single-choice

Definition

The dosage unit of the patient's current medication

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** No

Required in XSD No

XSD Structure: (1) E12_14, E12_15, E12_16, and E12_17 are all members of E12_14_0 Current Medications Structure. (2) E12_15 and E12_16 are members of E12_15_0 Current Medication Dose Structure

Field Values

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

Uses

- Part of an EMS Medical Record

Data Collector

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

Other Associated Elements

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

References to Other Databases

- DEEDS DEEDS/HL-7 Version 2.3

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

- | | |
|--|--|
| -25 Not Applicable | -15 Not Reporting |
| -10 Not Known | -5 Not Available |
| 2985 Smell of Alcohol on Breath | 2990 Patient Admits to Alcohol Use |
| 2995 Patient Admits to Drug Use | 3000 Alcohol and/or Drug Paraphernalia at Scene |
| 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

Data Format [text]

Definition

The narrative of the run report

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>RunReportNarrative</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 4000

Field Values

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

Additional Information

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

Uses

- Part of an EMS Medical Record

Data Collector

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

Other Associated Elements

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

DATE/TIME VITAL SIGNS TAKEN

E14_01

Data Format [date/time]

Definition

Date/Time Vital Signs Taken

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 1990 Maximum Constraint 2030
XSD Structure: Each element is section E14 is associated with a E14_01 Date/Time	

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- Multiple Entry Configuration to allow multiple sets of Vital Signs

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

References to Other Databases

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

Data Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>CardiacRhythm</i>
Multiple Entry Configuratio (1) Yes, via structure. (2) Yes for each E14_01 Date/Time	Accepts Null Value Yes

Required in XSD No

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

Field Values

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

Data Format [number]

Definition

The patient's systolic blood pressure

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 70 Systolic Blood Pressure

Data Format [number]

Definition

The patient's diastolic blood pressure

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>DBP</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 0 Maximum Constraint 300
XSD Structure: (1) Each element is section E14 is associated with a E14_01 Date/Time. (2) E14_04, E14_05, and E14_06 are all members of E14_04_0 Blood Pressure Structure	

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 71 Diastolic Blood Pressure

METHOD OF BLOOD PRESSURE MEASUREMENT

E14_06

Data Format [combo] single-choice

Definition

Indication of method of blood pressure procedure.

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** No

Required in XSD No

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

Field Values

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number	E14_01 Date/Time Vital Signs Taken
E14_04 SBP (Systolic Blood Pressure)	E14_05 DBP (Diastolic Blood Pressure)

Data Format [number]

Definition

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

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Could be collected from Device Pulse Rate (E21_13)

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

References in NHTSA Version 1

Essential Element 65 Pulse Rate

References to Other Databases

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

Data Format [number]

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ElectricMonitorRate</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 0 Maximum Constraint 500
XSD Structure: Each element is section E14 is associated with a E14_01 Date/Time	

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Could be collected from Device Heart Rate (E21_12)

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

Data Format [number]

Definition

The patient's oxygen saturation

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Could be collected from Device Pulse Oximetry (E21_17)

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

PULSE RHYTHM

Data Format [combo] single-choice

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *PulseRhythm*
Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

3175 Regular

3180 Irregular

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

RESPIRATORY RATE

E14_11

Data Format [number]

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Could be collected from Device Respiratory Rate (E21_16)

Uses

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

Data Collector

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

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 68 Respiratory Rate

Data Format [text]

Definition

The patient's respiratory effort

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *RespiratoryEffort*
Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

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

Field Values

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

Desirable Element 69 Respiratory Effort

Data Format [number]

Definition

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

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	CO2		
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty		
Required in XSD	No	Minimum Constraint	0	Maximum Constraint	100

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

Data Format [number]

Definition

The patient's blood glucose level

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>BloodGlucoseLevel</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 0 Maximum Constraint 2000
XSD Structure: Each element in section E14 is associated with a E14_01 Date/Time	

Field Values

- Relevant Value for Data Element & Patient Care

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

Data Format [number]

Definition

The patient's Glasgow Coma Score Eye opening

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

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

Field Values

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

Additional Information

- Can be configured as a single choice list box

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

Essential Element 73 Glasgow Eye Opening Component

Data Format [number]

Definition

The patient's Glasgow Coma Score Verbal

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>GCSVerbal</i>
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty
Required in XSD	No	Minimum Constraint	1
		Maximum Constraint	5

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

Field Values

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

Additional Information

- Can be configured as a single choice list box

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

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

Data Format [number]

Definition

The patient's Glasgow Coma Score Motor

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>GCSMotor</i>
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty
Required in XSD	No	Minimum Constraint	1
		Maximum Constraint	6
XSD Structure: (1) Each element is section E14 is associated with a E14_01 Date/Time. (2) E14_15, E14_16, E14_17, and E14_18 are all members of E14_15_0 GCS Score Structure			

Field Values

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

Additional Information

- Can be configured as a single choice list box

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

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

References in NHTSA Version 1

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

Data Format [combo] single-choice

Definition

Documentation of factors which make the GCS score more meaningful.

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

Required in XSD No

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

3210 Initial GCS has legitimate values without interventions such as intubation and sedation

3215 Patient Chemically Sedated

3220 Patient Intubated

3225 Patient Intubated and Chemically Paralyzed

Additional Information

- Can be configured as a single choice list box

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

E14_15 Glasgow Coma Score-Eye

E14_16 Glasgow Coma Score-Verbal

E14_17 Glasgow Coma Score-Motor

E14_19 Total Glasgow Coma Score

TOTAL GLASGOW COMA SCORE

E14_19

Data Format [number]

Definition

The patient's total Glasgow Coma Score

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number	E14_01 Date/Time Vital Signs Taken
E14_15 Glasgow Coma Score-Eye	E14_16 Glasgow Coma Score-Verbal
E14_17 Glasgow Coma Score-Motor	E14_18 Glasgow Coma Score-Qualifier

References in NHTSA Version 1

Desirable Element 76 Glasgow Coma Score (Total)

TEMPERATURE

E14_20

Data Format [number]

Definition

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

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>BodyTemperature</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 0 Maximum Constraint 50
XSD Structure: (1) Each element is section E14 is associated with a E14_01 Date/Time. (2) E14_20 and E14_21 are members of E14_20_0 Temperature Structure.	

Field Values

- Relevant Value for Data Element & Patient Care

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

E14_21 Temperature Method

TEMPERATURE METHOD

E14_21

Data Format [combo] single-choice

Definition

The method used to obtain the patient's body temperature

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** No

Required in XSD No

XSD Structure: (1) Each element in section E14 is associated with a E14_01 Date/Time. (2) E14_20 and E14_21 are members of E14_20_0 Temperature Structure.

Field Values

3230 Axillary

3235 Oral

3240 Rectal

3245 Tympanic

3250 Urinary catheter

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

E14_20 Temperature

LEVEL OF RESPONSIVENESS

E14_22

Data Format [combo] single-choice

Definition

The patients level of responsiveness

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

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

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

3255 Alert

3260 Verbal

3265 Painful

3270 Unresponsive

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

Data Format [number]

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>PainScale</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 0 Maximum Constraint 10
XSD Structure: Each element is section E14 is associated with a E14_01 Date/Time	

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Number from 0 to 10

Uses

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

Data Collector

- EMS agency

Other Associated Elements

E01_01 Patient Care Report Number

E14_01 Date/Time Vital Signs Taken

Data Format [combo] multiple-choice

Definition

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

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

Field Values

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

Additional Information

- Blunt Injury Removed from NHTSA 1.0

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

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

Data Format [combo] multiple-choice

Definition

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

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

Field Values

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

Additional Information

- Blunt Injury Removed from NHTSA 1.0

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 53 Injury Description

Data Format [combo] multiple-choice

Definition

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

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

Field Values

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

Additional Information

- Blunt Injury Removed from NHTSA 1.0

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 53 Injury Description

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with the Neck

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

Field Values

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

Additional Information

- Blunt Injury Removed from NHTSA 1.0

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

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

Data Format [combo] multiple-choice

Definition

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

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

Field Values

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

Additional Information

- Blunt Injury Removed from NHTSA 1.0

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

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

Data Format [combo] multiple-choice

Definition

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

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

Field Values

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

Additional Information

- Blunt Injury Removed from NHTSA 1.0

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

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

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with the Spine

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

Field Values

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

Additional Information

- Blunt Injury Removed from NHTSA 1.0

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

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

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with the Upper Extremities

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

Field Values

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

Additional Information

- Blunt Injury Removed from NHTSA 1.0

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

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

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with the Pelvis

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

Field Values

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

Additional Information

- Blunt Injury Removed from NHTSA 1.0

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

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

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with the Lower Extremities

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

Field Values

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

Additional Information

- Blunt Injury Removed from NHTSA 1.0

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

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

Data Format [combo] multiple-choice

Definition

Type of injury identified and associated with Unspecified

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

Field Values

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

Additional Information

- Blunt Injury Removed from NHTSA 1.0

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
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References in NHTSA Version 1

Essential Element 53 Injury Description

References to Other Databases

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

ESTIMATED BODY WEIGHT

E16_01

Data Format [number]

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Uses

- Part of an EMS Medical Record and to better determine equipment sizes and medication dosages
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number

Data Format [date/time]

Definition

The date/time assessment was made on the patient

XSD Data Type	<i>xs:dateTime</i>	XSD Domain (Simple Type)	<i>DateTime</i>
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty
Required in XSD	No	Minimum Constraint	1990
		Maximum Constraint	2030
XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure			

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- This is a multiple entry configuration which will allow multiple assessments to be documented

Uses

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

Data Collector

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

Other Associated Elements

E01_01 Patient Care Report Number	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment	E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment	E16_10 Abdomen Left Lower Assessment
E16_11 Abdomen Right Upper Assessment	E16_12 Abdomen Right Lower Assessment
E16_13 GU Assessment	E16_14 Back Cervical Assessment
E16_15 Back Thoracic Assessment	E16_16 Back Lumbar/Sacral Assessment
E16_17 Extremities-Right Upper Assessment	E16_18 Extremities-Right Lower Assessment
E16_19 Extremities-Left Upper Assessment	E16_20 Extremities-Left Lower Assessment
E16_21 Eyes-Left Assessment	E16_22 Eyes-Right Assessment
E16_23 Mental Status Assessment	E16_24 Neurological Assessment

Data Format [combo] multiple-choice

Definition

The assessment of the patient's skin on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *SkinAssessment*
Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E16_03 Date/Time of Assessment | E16_05 Head/Face Assessment |
| E16_06 Neck Assessment | E16_07 Chest/Lungs Assessment |
| E16_08 Heart Assessment | E16_09 Abdomen Left Upper Assessment |
| E16_10 Abdomen Left Lower Assessment | E16_11 Abdomen Right Upper Assessment |
| E16_12 Abdomen Right Lower Assessment | E16_13 GU Assessment |
| E16_14 Back Cervical Assessment | E16_15 Back Thoracic Assessment |
| E16_16 Back Lumbar/Sacral Assessment | E16_17 Extremities-Right Upper Assessment |
| E16_18 Extremities-Right Lower Assessment | E16_19 Extremities-Left Upper Assessment |
| E16_20 Extremities-Left Lower Assessment | E16_21 Eyes-Left Assessment |
| E16_22 Eyes-Right Assessment | E16_23 Mental Status Assessment |
| E16_24 Neurological Assessment | |

References in NHTSA Version 1

Desirable Element 72 Skin Perfusion

Data Format [combo] multiple-choice

Definition

The assessment of the patient's face on examination

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E16_03 Date/Time of Assessment | E16_04 Skin Assessment |
| E16_06 Neck Assessment | E16_07 Chest/Lungs Assessment |
| E16_08 Heart Assessment | E16_09 Abdomen Left Upper Assessment |
| E16_10 Abdomen Left Lower Assessment | E16_11 Abdomen Right Upper Assessment |
| E16_12 Abdomen Right Lower Assessment | E16_13 GU Assessment |
| E16_14 Back Cervical Assessment | E16_15 Back Thoracic Assessment |
| E16_16 Back Lumbar/Sacral Assessment | E16_17 Extremities-Right Upper Assessment |
| E16_18 Extremities-Right Lower Assessment | E16_19 Extremities-Left Upper Assessment |
| E16_20 Extremities-Left Lower Assessment | E16_21 Eyes-Left Assessment |
| E16_22 Eyes-Right Assessment | E16_23 Mental Status Assessment |
| E16_24 Neurological Assessment | |

Data Format [combo] multiple-choice

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NeckAssessment*
Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E16_03 Date/Time of Assessment | E16_04 Skin Assessment |
| E16_05 Head/Face Assessment | E16_07 Chest/Lungs Assessment |
| E16_08 Heart Assessment | E16_09 Abdomen Left Upper Assessment |
| E16_10 Abdomen Left Lower Assessment | E16_11 Abdomen Right Upper Assessment |
| E16_12 Abdomen Right Lower Assessment | E16_13 GU Assessment |
| E16_14 Back Cervical Assessment | E16_15 Back Thoracic Assessment |
| E16_16 Back Lumbar/Sacral Assessment | E16_17 Extremities-Right Upper Assessment |
| E16_18 Extremities-Right Lower Assessment | E16_19 Extremities-Left Upper Assessment |
| E16_20 Extremities-Left Lower Assessment | E16_21 Eyes-Left Assessment |
| E16_22 Eyes-Right Assessment | E16_23 Mental Status Assessment |
| E16_24 Neurological Assessment | |

Data Format [combo] multiple-choice

Definition

The assessment of the patient's chest on examination

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E16_03 Date/Time of Assessment	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_08 Heart Assessment	E16_09 Abdomen Left Upper Assessment
E16_10 Abdomen Left Lower Assessment	E16_11 Abdomen Right Upper Assessment
E16_12 Abdomen Right Lower Assessment	E16_13 GU Assessment
E16_14 Back Cervical Assessment	E16_15 Back Thoracic Assessment
E16_16 Back Lumbar/Sacral Assessment	E16_17 Extremities-Right Upper Assessment
E16_18 Extremities-Right Lower Assessment	E16_19 Extremities-Left Upper Assessment
E16_20 Extremities-Left Lower Assessment	E16_21 Eyes-Left Assessment
E16_22 Eyes-Right Assessment	E16_23 Mental Status Assessment
E16_24 Neurological Assessment	

Data Format [combo] multiple-choice

Definition

The assessment of the patient's heart on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *HeartAssessment*
Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E16_03 Date/Time of Assessment | E16_05 Head/Face Assessment |
| E16_06 Neck Assessment | E16_07 Chest/Lungs Assessment |
| E16_07 Chest/Lungs Assessment | E16_09 Abdomen Left Upper Assessment |
| E16_10 Abdomen Left Lower Assessment | E16_11 Abdomen Right Upper Assessment |
| E16_12 Abdomen Right Lower Assessment | E16_13 GU Assessment |
| E16_14 Back Cervical Assessment | E16_15 Back Thoracic Assessment |
| E16_16 Back Lumbar/Sacral Assessment | E16_17 Extremities-Right Upper Assessment |
| E16_18 Extremities-Right Lower Assessment | E16_19 Extremities-Left Upper Assessment |
| E16_20 Extremities-Left Lower Assessment | E16_21 Eyes-Left Assessment |
| E16_22 Eyes-Right Assessment | E16_23 Mental Status Assessment |
| E16_24 Neurological Assessment | |

ABDOMEN LEFT UPPER ASSESSMENT

E16_09

Data Format [combo] multiple-choice

Definition

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

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E16_03 Date/Time of Assessment	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment	E16_08 Heart Assessment
E16_10 Abdomen Left Lower Assessment	E16_11 Abdomen Right Upper Assessment
E16_12 Abdomen Right Lower Assessment	E16_13 GU Assessment
E16_14 Back Cervical Assessment	E16_15 Back Thoracic Assessment
E16_16 Back Lumbar/Sacral Assessment	E16_17 Extremities-Right Upper Assessment
E16_18 Extremities-Right Lower Assessment	E16_19 Extremities-Left Upper Assessment
E16_20 Extremities-Left Lower Assessment	E16_21 Eyes-Left Assessment
E16_22 Eyes-Right Assessment	E16_23 Mental Status Assessment
E16_24 Neurological Assessment	

ABDOMEN LEFT LOWER ASSESSMENT

E16_10

Data Format [combo] multiple-choice

Definition

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

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E16_03 Date/Time of Assessment	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment	E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment	E16_11 Abdomen Right Upper Assessment
E16_12 Abdomen Right Lower Assessment	E16_13 GU Assessment
E16_14 Back Cervical Assessment	E16_15 Back Thoracic Assessment
E16_16 Back Lumbar/Sacral Assessment	E16_17 Extremities-Right Upper Assessment
E16_18 Extremities-Right Lower Assessment	E16_19 Extremities-Left Upper Assessment
E16_20 Extremities-Left Lower Assessment	E16_21 Eyes-Left Assessment
E16_22 Eyes-Right Assessment	E16_23 Mental Status Assessment
E16_24 Neurological Assessment	

ABDOMEN RIGHT UPPER ASSESSMENT

E16_11

Data Format [combo] multiple-choice

Definition

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

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E16_03 Date/Time of Assessment	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment	E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment	E16_10 Abdomen Left Lower Assessment
E16_12 Abdomen Right Lower Assessment	E16_13 GU Assessment
E16_14 Back Cervical Assessment	E16_15 Back Thoracic Assessment
E16_16 Back Lumbar/Sacral Assessment	E16_17 Extremities-Right Upper Assessment
E16_18 Extremities-Right Lower Assessment	E16_19 Extremities-Left Upper Assessment
E16_20 Extremities-Left Lower Assessment	E16_21 Eyes-Left Assessment
E16_22 Eyes-Right Assessment	E16_23 Mental Status Assessment
E16_24 Neurological Assessment	

ABDOMEN RIGHT LOWER ASSESSMENT

E16_12

Data Format [combo] multiple-choice

Definition

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

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>AbdomenRightLowerAssessment</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes
Required in XSD No	
XSD Structure: All data elements beginning with E16_03 and ending with E16_24	Structure are all

Field Values

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

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

- E00** Common Null Values
- E01_01** Patient Care Report Number
- E16_03** Date/Time of Assessment
- E16_04** Skin Assessment
- E16_05** Head/Face Assessment
- E16_06** Neck Assessment
- E16_07** Chest/Lungs Assessment
- E16_08** Heart Assessment
- E16_09** Abdomen Left Upper Assessment
- E16_10** Abdomen Left Lower Assessment
- E16_11** Abdomen Right Upper Assessment
- E16_13** GU Assessment
- E16_14** Back Cervical Assessment
- E16_15** Back Thoracic Assessment
- E16_16** Back Lumbar/Sacral Assessment
- E16_17** Extremities-Right Upper Assessment
- E16_18** Extremities-Right Lower Assessment
- E16_19** Extremities-Left Upper Assessment
- E16_20** Extremities-Left Lower Assessment
- E16_21** Eyes-Left Assessment
- E16_22** Eyes-Right Assessment
- E16_23** Mental Status Assessment
- E16_24** Neurological Assessment

Data Format [combo] multiple-choice

Definition

The assessment of the patient's GU area on examination

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>GUAssessment</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes
Required in XSD No	

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	3735 Normal
3740 Not Done	3745 Crowning
3750 Genital Injury	3755 Tenderness
3760 Unstable	

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E16_03 Date/Time of Assessment	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment	E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment	E16_10 Abdomen Left Lower Assessment
E16_11 Abdomen Right Upper Assessment	E16_12 Abdomen Right Lower Assessment
E16_14 Back Cervical Assessment	E16_15 Back Thoracic Assessment
E16_16 Back Lumbar/Sacral Assessment	E16_17 Extremities-Right Upper Assessment
E16_18 Extremities-Right Lower Assessment	E16_19 Extremities-Left Upper Assessment
E16_20 Extremities-Left Lower Assessment	E16_21 Eyes-Left Assessment
E16_22 Eyes-Right Assessment	E16_23 Mental Status Assessment
E16_24 Neurological Assessment	

Data Format [combo] multiple-choice

Definition

The assessment of the patient's back-cervical on examination

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

- | | |
|--------------------------|-----------------------------|
| -25 Not Applicable | -10 Not Known |
| -5 Not Available | 3765 Normal |
| 3770 Not Done | 3775 Pain to ROM |
| 3780 Tender Para-spinous | 3785 Tender Spinous Process |

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E16_03 Date/Time of Assessment | E16_04 Skin Assessment |
| E16_05 Head/Face Assessment | E16_06 Neck Assessment |
| E16_07 Chest/Lungs Assessment | E16_08 Heart Assessment |
| E16_09 Abdomen Left Upper Assessment | E16_10 Abdomen Left Lower Assessment |
| E16_11 Abdomen Right Upper Assessment | E16_12 Abdomen Right Lower Assessment |
| E16_13 GU Assessment | E16_15 Back Thoracic Assessment |
| E16_16 Back Lumbar/Sacral Assessment | E16_17 Extremities-Right Upper Assessment |
| E16_18 Extremities-Right Lower Assessment | E16_19 Extremities-Left Upper Assessment |
| E16_20 Extremities-Left Lower Assessment | E16_21 Eyes-Left Assessment |
| E16_22 Eyes-Right Assessment | E16_23 Mental Status Assessment |
| E16_24 Neurological Assessment | |

BACK THORACIC ASSESSMENT

E16_15

Data Format [combo] multiple-choice

Definition

The assessment of the patient's back-thoracic on examination

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

3790 Normal

3795 Not Done

3800 Pain to ROM

3805 Tender Para-spinous

3810 Tender Spinous Process

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E16_03 Date/Time of Assessment

E16_04 Skin Assessment

E16_05 Head/Face Assessment

E16_06 Neck Assessment

E16_07 Chest/Lungs Assessment

E16_08 Heart Assessment

E16_09 Abdomen Left Upper Assessment

E16_10 Abdomen Left Lower Assessment

E16_11 Abdomen Right Upper Assessment

E16_12 Abdomen Right Lower Assessment

E16_13 GU Assessment

E16_14 Back Cervical Assessment

E16_16 Back Lumbar/Sacral Assessment

E16_17 Extremities-Right Upper Assessment

E16_18 Extremities-Right Lower Assessment

E16_19 Extremities-Left Upper Assessment

E16_20 Extremities-Left Lower Assessment

E16_21 Eyes-Left Assessment

E16_22 Eyes-Right Assessment

E16_23 Mental Status Assessment

E16_24 Neurological Assessment

BACK LUMBAR/SACRAL ASSESSMENT

E16_16

Data Format [combo] multiple-choice

Definition

The assessment of the patient's back-lumbar/sacral on examination

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

3815 Normal

3820 Not Done

3825 Pain to ROM

3830 Tender Para-spinous

3835 Tender Spinous Process

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E16_03 Date/Time of Assessment

E16_04 Skin Assessment

E16_05 Head/Face Assessment

E16_06 Neck Assessment

E16_07 Chest/Lungs Assessment

E16_08 Heart Assessment

E16_09 Abdomen Left Upper Assessment

E16_10 Abdomen Left Lower Assessment

E16_11 Abdomen Right Upper Assessment

E16_12 Abdomen Right Lower Assessment

E16_13 GU Assessment

E16_14 Back Cervical Assessment

E16_15 Back Thoracic Assessment

E16_17 Extremities-Right Upper Assessment

E16_18 Extremities-Right Lower Assessment

E16_19 Extremities-Left Upper Assessment

E16_20 Extremities-Left Lower Assessment

E16_21 Eyes-Left Assessment

E16_22 Eyes-Right Assessment

E16_23 Mental Status Assessment

E16_24 Neurological Assessment

EXTREMITIES-RIGHT UPPER ASSESSMENT

E16_17

Data Format [combo] multiple-choice

Definition

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

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

3840 Normal

3845 Not Done

3850 Abnormal Pulse

3855 Abnormal Sensation

3860 Edema

3865 Tenderness

3870 Weakness

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E16_03 Date/Time of Assessment

E16_04 Skin Assessment

E16_05 Head/Face Assessment

E16_06 Neck Assessment

E16_07 Chest/Lungs Assessment

E16_08 Heart Assessment

E16_09 Abdomen Left Upper Assessment

E16_10 Abdomen Left Lower Assessment

E16_11 Abdomen Right Upper Assessment

E16_12 Abdomen Right Lower Assessment

E16_13 GU Assessment

E16_14 Back Cervical Assessment

E16_15 Back Thoracic Assessment

E16_16 Back Lumbar/Sacral Assessment

E16_18 Extremities-Right Lower Assessment

E16_19 Extremities-Left Upper Assessment

E16_20 Extremities-Left Lower Assessment

E16_21 Eyes-Left Assessment

E16_22 Eyes-Right Assessment

E16_23 Mental Status Assessment

E16_24 Neurological Assessment

Data Format [combo] multiple-choice

Definition

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

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	3875 Normal
3880 Not Done	3885 Abnormal Pulse
3890 Abnormal Sensation	3895 Edema
3900 Tenderness	3905 Weakness

Additional Information

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

Uses

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

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E16_03 Date/Time of Assessment	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment	E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment	E16_10 Abdomen Left Lower Assessment
E16_11 Abdomen Right Upper Assessment	E16_12 Abdomen Right Lower Assessment
E16_13 GU Assessment	E16_14 Back Cervical Assessment
E16_15 Back Thoracic Assessment	E16_16 Back Lumbar/Sacral Assessment
E16_17 Extremities-Right Upper Assessment	E16_19 Extremities-Left Upper Assessment
E16_20 Extremities-Left Lower Assessment	E16_21 Eyes-Left Assessment
E16_22 Eyes-Right Assessment	E16_23 Mental Status Assessment
E16_24 Neurological Assessment	

EXTREMITIES-LEFT UPPER ASSESSMENT

E16_19

Data Format [combo] multiple-choice

Definition

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

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

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	3910 Normal
3915 Not Done	3920 Abnormal Pulse
3925 Abnormal Sensation	3930 Edema
3935 Tenderness	3940 Weakness

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E16_03 Date/Time of Assessment	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment	E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment	E16_10 Abdomen Left Lower Assessment
E16_11 Abdomen Right Upper Assessment	E16_12 Abdomen Right Lower Assessment
E16_13 GU Assessment	E16_14 Back Cervical Assessment
E16_15 Back Thoracic Assessment	E16_16 Back Lumbar/Sacral Assessment
E16_17 Extremities-Right Upper Assessment	E16_18 Extremities-Right Lower Assessment
E16_20 Extremities-Left Lower Assessment	E16_21 Eyes-Left Assessment
E16_22 Eyes-Right Assessment	E16_23 Mental Status Assessment
E16_24 Neurological Assessment	

EXTREMITIES-LEFT LOWER ASSESSMENT

E16_20

Data Format [combo] multiple-choice

Definition

The assessment of the patient's left lower extremities on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ExtremitiesLeftLowerAssessment*

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	3945 Normal
3950 Not Done	3955 Abnormal Pulse
3960 Abnormal Sensation	3965 Edema
3970 Tenderness	3975 Weakness

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E16_03 Date/Time of Assessment	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment	E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment	E16_10 Abdomen Left Lower Assessment
E16_11 Abdomen Right Upper Assessment	E16_12 Abdomen Right Lower Assessment
E16_13 GU Assessment	E16_14 Back Cervical Assessment
E16_15 Back Thoracic Assessment	E16_16 Back Lumbar/Sacral Assessment
E16_17 Extremities-Right Upper Assessment	E16_18 Extremities-Right Lower Assessment
E16_19 Extremities-Left Upper Assessment	E16_21 Eyes-Left Assessment
E16_22 Eyes-Right Assessment	E16_23 Mental Status Assessment
E16_24 Neurological Assessment	

Data Format [combo] multiple-choice

Definition

The assessment of the patient's left eye on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *EyesLeftAssessment*

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	3980 Not Done
3985 2-mm	3990 3-mm
3995 4-mm	4000 5-mm
4005 6-mm	4010 7-mm
4015 Blind	4020 Reactive
4025 Non-Reactive	

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E16_03 Date/Time of Assessment	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment	E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment	E16_10 Abdomen Left Lower Assessment
E16_11 Abdomen Right Upper Assessment	E16_12 Abdomen Right Lower Assessment
E16_13 GU Assessment	E16_14 Back Cervical Assessment
E16_15 Back Thoracic Assessment	E16_16 Back Lumbar/Sacral Assessment
E16_17 Extremities-Right Upper Assessment	E16_18 Extremities-Right Lower Assessment
E16_19 Extremities-Left Upper Assessment	E16_20 Extremities-Left Lower Assessment
E16_22 Eyes-Right Assessment	E16_23 Mental Status Assessment
E16_24 Neurological Assessment	

Data Format [combo] multiple-choice

Definition

The assessment of the patient's right eye on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *EyesRightAssessment*

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	4030 Not Done
4035 2-mm	4040 3-mm
4045 4-mm	4050 5-mm
4055 6-mm	4060 7-mm
4065 Blind	4070 Reactive
4075 Non-Reactive	

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E16_03 Date/Time of Assessment	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment	E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment	E16_10 Abdomen Left Lower Assessment
E16_11 Abdomen Right Upper Assessment	E16_12 Abdomen Right Lower Assessment
E16_13 GU Assessment	E16_14 Back Cervical Assessment
E16_15 Back Thoracic Assessment	E16_16 Back Lumbar/Sacral Assessment
E16_17 Extremities-Right Upper Assessment	E16_18 Extremities-Right Lower Assessment
E16_19 Extremities-Left Upper Assessment	E16_20 Extremities-Left Lower Assessment
E16_21 Eyes-Left Assessment	E16_23 Mental Status Assessment
E16_24 Neurological Assessment	

Data Format [combo] multiple-choice

Definition

The assessment of the patient's mental status on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MentalStatusAssessment*

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	4080 Normal
4085 Not Done	4090 Combative
4095 Confused	4100 Hallucinations
4105 Oriented-Person	4110 Oriented-Place
4115 Oriented-Time	4120 Unresponsive

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E16_03 Date/Time of Assessment	E16_04 Skin Assessment
E16_05 Head/Face Assessment	E16_06 Neck Assessment
E16_07 Chest/Lungs Assessment	E16_08 Heart Assessment
E16_09 Abdomen Left Upper Assessment	E16_10 Abdomen Left Lower Assessment
E16_11 Abdomen Right Upper Assessment	E16_12 Abdomen Right Lower Assessment
E16_13 GU Assessment	E16_14 Back Cervical Assessment
E16_15 Back Thoracic Assessment	E16_16 Back Lumbar/Sacral Assessment
E16_17 Extremities-Right Upper Assessment	E16_18 Extremities-Right Lower Assessment
E16_19 Extremities-Left Upper Assessment	E16_20 Extremities-Left Lower Assessment
E16_21 Eyes-Left Assessment	E16_22 Eyes-Right Assessment
E16_24 Neurological Assessment	

Data Format [combo] multiple-choice

Definition

The assessment of the patient's neurological status on examination

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *NeurologicalAssessment*

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements beginning with E16_03 and ending with E16_24 are all members of E16_00_0 Assessment Structure

Field Values

- | | |
|---------------------------|--------------------------|
| -25 Not Applicable | -10 Not Known |
| -5 Not Available | 4125 Normal |
| 4130 Not Done | 4135 Abnormal Gait |
| 4140 Facial Droop | 4145 Seizures |
| 4150 Speech Normal | 4155 Speech Slurring |
| 4160 Tremors | 4165 Weakness-Left Sided |
| 4170 Weakness=Right Sided | |

Additional Information

- Associated in Database schema to Date/Time (E16_03) to allow multiple assessments

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E16_03 Date/Time of Assessment | E16_04 Skin Assessment |
| E16_05 Head/Face Assessment | E16_06 Neck Assessment |
| E16_07 Chest/Lungs Assessment | E16_08 Heart Assessment |
| E16_09 Abdomen Left Upper Assessment | E16_10 Abdomen Left Lower Assessment |
| E16_11 Abdomen Right Upper Assessment | E16_12 Abdomen Right Lower Assessment |
| E16_13 GU Assessment | E16_14 Back Cervical Assessment |
| E16_15 Back Thoracic Assessment | E16_16 Back Lumbar/Sacral Assessment |
| E16_17 Extremities-Right Upper Assessment | E16_18 Extremities-Right Lower Assessment |
| E16_19 Extremities-Left Upper Assessment | E16_20 Extremities-Left Lower Assessment |
| E16_21 Eyes-Left Assessment | E16_22 Eyes-Right Assessment |
| E16_23 Mental Status Assessment | |

Data Format [combo] multiple-choice

Definition

The protocol used by EMS personnel to direct the clinical care of the patient

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>ProtocolsUsed</i>
Multiple Entry Configuratio Yes	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 30

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
 - Relevant Value for Data Element & Patient Care

Additional Information

- List created from Protocols (D04_08)

Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

- E00** Common Null Values
- E01_01** Patient Care Report Number

Data Format [date/time]

Definition

The date/time medication administered to the patient

XSD Data Type	<i>xs:dateTime</i>	XSD Domain (Simple Type)	<i>DateTime</i>
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	Yes, but null value is blank or empty
Required in XSD	No	Minimum Constraint	1990
		Maximum Constraint	2030

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- This is a multiple entry configuration which will allow multiple medication administrations to be documented

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number	E18_02 Medication Administered Prior to this Units EMS Care
E18_03 Medication Given	E18_04 Medication Administered Route
E18_05 Medication Dosage	E18_06 Medication Dosage Units
E18_07 Response to Medication	E18_08 Medication Complication
E18_09 Medication Crew Member ID	E18_10 Medication Authorization
E18_11 Medication Authorizing Physician	

MEDICATION ADMINISTERED PRIOR TO THIS UNITS EMS CARE

E18_02

Data Format [combo] single-choice

Definition

Indicates that the medication administration which is documented was administered prior to this EMS unit's care.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>YesNoValues</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes
Required in XSD No	
XSD Structure: All data elements section E18 are members of the E18 Medication Structure	

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	0 No
1 Yes	

Additional Information

- If E18_02 is "Yes", the Date/Time Medication Administered (E18_01) is not required

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E18_01 Date/Time Medication Administered	E18_03 Medication Given
E18_04 Medication Administered Route	E18_05 Medication Dosage
E18_06 Medication Dosage Units	E18_07 Response to Medication
E18_08 Medication Complication	E18_09 Medication Crew Member ID
E18_10 Medication Authorization	E18_11 Medication Authorizing Physician

MEDICATION GIVEN

Data Format [combo] single-choice

National Element

Definition

The medication given to the patient

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>MedicationsGiven</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes
Required in XSD Yes	Minimum Constraint 2 Maximum Constraint 30
XSD Structure: All data elements section E18 are members of the E18 Medication Structure	

Field Values

- 25 Not Applicable
- 15 Not Reporting
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Additional Information

- List created from Medications (D04_06)

Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the medications administered by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E18_01 Date/Time Medication Administered	E18_02 Medication Administered Prior to this Units EMS Care
E18_04 Medication Administered Route	E18_05 Medication Dosage
E18_06 Medication Dosage Units	E18_07 Response to Medication
E18_08 Medication Complication	E18_09 Medication Crew Member ID
E18_10 Medication Authorization	E18_11 Medication Authorizing Physician

References in NHTSA Version 1

Essential Element 80 Medication Name

References to Other Databases

- NFIRS 5.0 EMS Module, Title: Procedures Used, Multi Select List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instruction = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN

MEDICATION ADMINISTERED ROUTE

Data Format [combo] single-choice

Definition

The route that the medication was administered to the patient.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MedicationAdministeredRoute*

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

Field Values

- | | |
|-----------------------|--------------------------|
| -25 Not Applicable | -10 Not Known |
| -5 Not Available | 4175 Endotracheal tube |
| 4180 Gastrostomy tube | 4185 Inhalation |
| 4190 Intramuscular | 4191 Intraosseous |
| 4200 Intraocular | 4205 Intravenous |
| 4210 Nasal | 4215 Nasal prongs |
| 4220 Nasogastric | 4225 Ophthalmic |
| 4230 Oral | 4235 Other/miscellaneous |
| 4240 Otic | 4245 Re-breather mask |
| 4250 Rectal | 4255 Subcutaneous |
| 4260 Sublingual | 4265 Topical |
| 4270 Tracheostomy | 4275 Transdermal |
| 4280 Urethral | 4285 Ventimask |
| 4290 Wound | |

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|---|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E18_01 Date/Time Medication Administered | E18_02 Medication Administered Prior to this Units EMS Care |
| E18_03 Medication Given | E18_05 Medication Dosage |
| E18_06 Medication Dosage Units | E18_07 Response to Medication |
| E18_08 Medication Complication | E18_09 Medication Crew Member ID |
| E18_10 Medication Authorization | E18_11 Medication Authorizing Physician |

References to Other Databases

- **DEEDS** DEEDS/HL-7 Version 2.3; [combo] Apply externally = AP, Buccal = B, Dental = DT, Epidural = EP, Endotracheal tube = ET, Gastronomy tube = GTT, Genitourinary irrigant = GU, Intraarterial = IA, Intrabursal = IB, Intracardiac = IC, Intracervical (uterus) = IC

Data Format [number]

Definition

The dose or amount of medication given to the patient

XSD Data Type	<i>xs:decimal</i>	XSD Domain (Simple Type)	<i>MedicationDosage</i>
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	No
Required in XSD	No	Minimum Constraint	0
		Maximum Constraint	999999.99

XSD Structure: (1) All data elements section E18 are members of the E18 Medication Structure. (2) E18_05 and E18_06 are members of E18_05_0 Medication Dosing Structure

Field Values

- Relevant Value for Data Element & Patient Care

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number	E18_01 Date/Time Medication Administered
E18_02 Medication Administered Prior to this Units EMS Care	E18_03 Medication Given
E18_04 Medication Administered Route	E18_06 Medication Dosage Units
E18_07 Response to Medication	E18_08 Medication Complication
E18_09 Medication Crew Member ID	E18_10 Medication Authorization
E18_11 Medication Authorizing Physician	

Data Format [combo] single-choice

Definition

The units of medication dosage given to patient

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MedicationDosageUnits*

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** No

Required in XSD No

XSD Structure: (1) All data elements section E18 are members of the E18 Medication Structure. (2) E18_05 and E18_06 are members of E18_05_0 Medication Dosing Structure

Field Values

4295 GMS	4300 Inches
4305 IU	4310 KVO (TKO)
4315 L/MIN	4320 LITERS
4325 LPM	4330 MCG
4335 MCG/KG/MIN	4340 MEQ
4345 MG	4350 MG/KG/MIN
4355 ML	4360 ML/HR
4365 Other	4370 Puffs

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number	E18_01 Date/Time Medication Administered
E18_02 Medication Administered Prior to this Units EMS Care	E18_03 Medication Given
E18_03 Medication Given	E18_04 Medication Administered Route
E18_05 Medication Dosage	E18_07 Response to Medication
E18_08 Medication Complication	E18_09 Medication Crew Member ID
E18_10 Medication Authorization	E18_11 Medication Authorizing Physician

References to Other Databases

- DEEDS DEEDS/HL-7 Version 2.3

Data Format [combo] single-choice

Definition

The patient's response to the medication.

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ResponseToMedication*

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

4375 Improved

4380 Unchanged

4385 Worse

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E18_01 Date/Time Medication Administered

E18_02 Medication Administered Prior to this Units EMS Care

E18_03 Medication Given

E18_04 Medication Administered Route

E18_05 Medication Dosage

E18_06 Medication Dosage Units

E18_08 Medication Complication

E18_09 Medication Crew Member ID

E18_10 Medication Authorization

E18_11 Medication Authorizing Physician

Definition

Any complication (abnormal effect on the patient) associated with the administration of the medication to the patient by EMS

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MedicationComplication*
Multiple Entry Configuratio (1) Yes, via structure. (2) Yes **Accepts Null Value** 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 | -15 Not Reporting |
| -10 Not Known | -5 Not Available |
| 4390 None | 4395 Altered Mental Status |
| 4400 Apnea | 4405 Bleeding |
| 4410 Bradycardia | 4415 Diarrhea |
| 4420 Extravasation | 4425 Hypertension |
| 4430 Hyperthermia | 4435 Hypotension |
| 4440 Hypoxia | 4445 Injury |
| 4450 Itching/Urticaria | 4455 Nausea |
| 4460 Other | 4465 Respiratory Distress |
| 4470 Tachycardia | 4475 Vomiting |

Uses

- Allows data to be sorted based on medication complication
- Allows data to describe medication complications which occur as a result of EMS treatment
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|---|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E18_01 Date/Time Medication Administered | E18_02 Medication Administered Prior to this Units EMS Care |
| E18_03 Medication Given | E18_04 Medication Administered Route |
| E18_05 Medication Dosage | E18_06 Medication Dosage Units |
| E18_07 Response to Medication | E18_09 Medication Crew Member ID |
| E18_10 Medication Authorization | E18_11 Medication Authorizing Physician |

Data Format [text]

Definition

The statewide assigned ID number of the EMS crew member giving the treatment to the patient

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>CrewMemberID</i>
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	Yes
Required in XSD	No	Minimum Constraint	2
		Maximum Constraint	15
XSD Structure: All data elements section E18 are members of the E18 Medication Structure			

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

- Linked to State/Licensure ID Number (D07_02)
- List box created from the State/Licensure ID Number (D07_02) which could display the Personnel's Names as associated with D08_01, D08_02, and D08_03 for easy data entry

Uses

- Part of an EMS Medical Record and to document Medication Administration
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E18_01 Date/Time Medication Administered	E18_02 Medication Administered Prior to this Units EMS Care
E18_03 Medication Given	E18_04 Medication Administered Route
E18_05 Medication Dosage	E18_06 Medication Dosage Units
E18_07 Response to Medication	E18_08 Medication Complication
E18_10 Medication Authorization	E18_11 Medication Authorizing Physician

References in NHTSA Version 1

Essential Element 26	Crew Member One Number
Essential Element 27	Crew Member Two Number
Desirable Element 28	Crew Member Three Number

MEDICATION AUTHORIZATION

E18_10

Data Format [combo] single-choice

Definition

The type of treatment authorization obtained

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *MedicationAuthorization*

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

4480 On-Line

4485 On-Scene

4490 Protocol (Standing Order)

4495 Written Orders (Patient Specific)

Additional Information

- Associated with Medication Authorization (E18_11) if the value is not "Protocol"

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E18_01 Date/Time Medication Administered

E18_02 Medication Administered Prior to this Units EMS Care

E18_03 Medication Given

E18_04 Medication Administered Route

E18_05 Medication Dosage

E18_06 Medication Dosage Units

E18_07 Response to Medication

E18_08 Medication Complication

E18_09 Medication Crew Member ID

E18_11 Medication Authorizing Physician

E18_11 Medication Authorizing Physician

References in NHTSA Version 1

Desirable Element 81 Treatment Authorization

Data Format [text]

Definition

The last name of the authorizing physician ordering the medication administration if the order was provided by any manner other than protocol (standing order) in E18.10

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>LastName</i>
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	Yes
Required in XSD	No	Minimum Constraint	2
		Maximum Constraint	20
XSD Structure: All data elements section E18 are members of the E18 Medication Structure			

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

- Associated with Medication Authorization (E18_10) if the value is not “Protocol”

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E18_01 Date/Time Medication Administered	E18_02 Medication Administered Prior to this Units EMS Care
E18_03 Medication Given	E18_04 Medication Administered Route
E18_05 Medication Dosage	E18_06 Medication Dosage Units
E18_07 Response to Medication	E18_08 Medication Complication
E18_09 Medication Crew Member ID	E18_10 Medication Authorization

Data Format [date/time]

Definition

The date and time the procedure was performed on the patient

XSD Data Type <i>xs:dateTime</i>	XSD Domain (Simple Type) <i>DateTime</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes, but null value is blank or empty
Required in XSD No	Minimum Constraint 1990 Maximum Constraint 2030
XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure	

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- This is a multiple entry configuration which will allow for multiple procedures to be documented

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number	E19_02 Procedure Performed Prior to this Units EMS Care
E19_03 Procedure	E19_04 Size of Procedure Equipment
E19_05 Number of Procedure Attempts	E19_06 Procedure Successful
E19_07 Procedure Complication	E19_08 Response to Procedure
E19_09 Procedure Crew Members ID	E19_10 Procedure Authorization
E19_11 Procedure Authorizing Physician	E19_12 Successful IV Site
E19_13 Tube Confirmation	E19_14 Destination Confirmation of Tube Placement

References in NHTSA Version 1

Desirable Element 58	Time of First CPR
Desirable Element 63	Time of First Defibrillatory Shock

PROCEDURE PERFORMED PRIOR TO THIS UNITS EMS CARE

E19_02

Data Format [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 Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	0 No
1 Yes	

Additional Information

- If E19_02 is "Yes", the Date/Time Medication Administered (E19_01) is not required

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E19_01 Date/Time Procedure Performed Successfully	E19_03 Procedure
E19_04 Size of Procedure Equipment	E19_05 Number of Procedure Attempts
E19_06 Procedure Successful	E19_07 Procedure Complication
E19_08 Response to Procedure	E19_09 Procedure Crew Members ID
E19_10 Procedure Authorization	E19_11 Procedure Authorizing Physician

Definition

The procedure performed on the patient.

XSD Data Type <i>xs:decimal</i>	XSD Domain (Simple Type) <i>Procedure</i>
Multiple Entry Configuratio Yes, via structure	Accepts Null Value Yes
Required in XSD Yes	Minimum Constraint 0 Maximum Constraint 999.999
XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure	

Field Values

- 25 Not Applicable
- 15 Not Reporting
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Additional Information

- List created from Procedures (D04_04)

Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures which are performed by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E19_01 Date/Time Procedure Performed Successfully	E19_02 Procedure Performed Prior to this Units EMS Care
E19_04 Size of Procedure Equipment	E19_05 Number of Procedure Attempts
E19_06 Procedure Successful	E19_07 Procedure Complication
E19_08 Response to Procedure	E19_09 Procedure Crew Members ID
E19_10 Procedure Authorization	E19_11 Procedure Authorizing Physician

References in NHTSA Version 1

- Desirable Element 58 Time of First CPR
- Desirable Element 63 Time of First Defibrillatory Shock

References to Other Databases

- **NFIRS 5.0** EMS Module, Title: Procedures Used, Multi Select List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instruction = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN
- **UTSTEIN** Arrest after arrival of EMS could be documented by CPR or Defibrillation performed along with the Cardiac Arrest datapoint.; [text] Value or

Data Format [text]

Definition

The size of equipment used in the procedure on the patient

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>SizeOfProcedureEquipment</i>
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	Yes
Required in XSD	No	Minimum Constraint	2
		Maximum Constraint	20

XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure

Field Values

- 25 Not Applicable
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Additional Information

- Can be entered as text or configured as a List Box with the specific size associated with each Procedure listed for each EMS Agency (D04_04) n the Demographic Dataset

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00	Common Null Values	E01_01	Patient Care Report Number
E19_01	Date/Time Procedure Performed Successfully	E19_02	Procedure Performed Prior to this Units EMS Care
E19_03	Procedure	E19_05	Number of Procedure Attempts
E19_06	Procedure Successful	E19_07	Procedure Complication
E19_08	Response to Procedure	E19_09	Procedure Crew Members ID
E19_10	Procedure Authorization	E19_11	Procedure Authorizing Physician

References in NHTSA Version 1

Essential Element 78 Procedure or Treatment Name

Definition

The number of attempts taken to complete a procedure or intervention regardless of success

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>NumberOfProcedureAttempts</i>
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	Yes
Required in XSD	Yes	Minimum Constraint	-25
		Maximum Constraint	100
XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure			

Field Values

- 25 Not Applicable
- 15 Not Reporting
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures which are performed by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00	Common Null Values	E01_01	Patient Care Report Number
E19_01	Date/Time Procedure Performed Successfully	E19_02	Procedure Performed Prior to this Units EMS Care
E19_03	Procedure	E19_04	Size of Procedure Equipment
E19_06	Procedure Successful	E19_07	Procedure Complication
E19_08	Response to Procedure	E19_09	Procedure Crew Members ID
E19_10	Procedure Authorization	E19_11	Procedure Authorizing Physician

Definition

Indication of whether or not the procedure performed on the patient was successful

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*
Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes
Required in XSD Yes
 XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure

Field Values

- | | |
|--------------------|-------------------|
| -25 Not Applicable | -15 Not Reporting |
| -10 Not Known | -5 Not Available |
| 0 No | 1 Yes |

Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures performed by EMS with respect to numbers and success rates
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E19_01 Date/Time Procedure Performed Successfully | E19_02 Procedure Performed Prior to this Units EMS Care |
| E19_03 Procedure | E19_04 Size of Procedure Equipment |
| E19_05 Number of Procedure Attempts | E19_07 Procedure Complication |
| E19_08 Response to Procedure | E19_09 Procedure Crew Members ID |
| E19_10 Procedure Authorization | E19_11 Procedure Authorizing Physician |

Definition

Any complication associated with the performance of the procedure on the patient

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ProcedureComplication*
Multiple Entry Configuratio (1) Yes, via structure. (2) Yes **Accepts Null Value** Yes
 for each E14_01 Date/Time

Required in XSD Yes

XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure

Field Values

- | | |
|--|----------------------------------|
| -25 Not Applicable | -15 Not Reporting |
| -10 Not Known | -5 Not Available |
| 4500 None | 4505 Altered Mental Status |
| 4510 Apnea | 4515 Bleeding |
| 4520 Bradycardia | 4525 Diarrhea |
| 4530 Esophageal Intubation-immediately | 4535 Esophageal Intubation-other |
| 4540 Extravasation | 4545 Hypertension |
| 4550 Hyperthermia | 4555 Hypotension |
| 4560 Hypoxia | 4565 Injury |
| 4570 Itching/Urticaria | 4575 Nausea |
| 4580 Other | 4585 Respiratory Distress |
| 4590 Tachycardia | 4595 Vomiting |

Uses

- Allows data to be sorted based on procedure complication
- Allows data to describe procedure complications which occur as a result of EMS treatment as part of a federal initiative to identify and reduce medical errors
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|--|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E19_01 Date/Time Procedure Performed Successfully | E19_02 Procedure Performed Prior to this Units EMS Care |
| E19_03 Procedure | E19_04 Size of Procedure Equipment |
| E19_05 Number of Procedure Attempts | E19_06 Procedure Successful |
| E19_08 Response to Procedure | E19_09 Procedure Crew Members ID |
| E19_10 Procedure Authorization | E19_11 Procedure Authorizing Physician |

Data Format [combo] single-choice

Definition

The patient's response to the procedure

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ResponseToProcedure*

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

4600 Improved

4605 Unchanged

4610 Worse

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E19_01 Date/Time Procedure Performed Successfully

E19_02 Procedure Performed Prior to this Units EMS Care

E19_03 Procedure

E19_04 Size of Procedure Equipment

E19_05 Number of Procedure Attempts

E19_06 Procedure Successful

E19_07 Procedure Complication

E19_09 Procedure Crew Members ID

E19_10 Procedure Authorization

E19_11 Procedure Authorizing Physician

Data Format [text]

Definition

The statewide assigned ID number of the EMS crew member performing the procedure on the patient

XSD Data Type	<i>xs:integer</i>	XSD Domain (Simple Type)	<i>CrewMemberID</i>
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	Yes
Required in XSD	No	Minimum Constraint	2
		Maximum Constraint	15
XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure			

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

- Linked to State/Licensure ID Number (D07_02)
- List box created from the State/Licensure ID Number (D07_02) which could display the Personnel's Names as associated with D08_01, D08_02, and D08_03 for easy data entry

Uses

- Part of an EMS Medical Record and to document the Procedure performance
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00	Common Null Values	E01_01	Patient Care Report Number
E19_01	Date/Time Procedure Performed Successfully	E19_02	Procedure Performed Prior to this Units EMS Care
E19_03	Procedure	E19_04	Size of Procedure Equipment
E19_05	Number of Procedure Attempts	E19_06	Procedure Successful
E19_07	Procedure Complication	E19_08	Response to Procedure
E19_10	Procedure Authorization	E19_11	Procedure Authorizing Physician

References in NHTSA Version 1

Essential Element 26	Crew Member One Number
Essential Element 27	Crew Member Two Number
Desirable Element 28	Crew Member Three Number

Data Format [combo] single-choice

Definition

The type of procedure authorization obtained

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ProcedureAuthorization*

Multiple Entry Configuratio Yes, via structure **Accepts Null Value** Yes

Required in XSD No

XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

4615 On-Line

4620 On-Scene

4625 Protocol (Standing Order)

4630 Written Orders (Patient Specific)

Additional Information

- Associated with Procedure Authorization (E19_11) if the value is not "Protocol"

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

E19_01 Date/Time Procedure Performed Successfully

E19_02 Procedure Performed Prior to this Units EMS Care

E19_03 Procedure

E19_04 Size of Procedure Equipment

E19_05 Number of Procedure Attempts

E19_06 Procedure Successful

E19_07 Procedure Complication

E19_08 Response to Procedure

E19_09 Procedure Crew Members ID

E19_11 Procedure Authorizing Physician

References in NHTSA Version 1

Desirable Element 81 Treatment Authorization

Data Format [text]

Definition

The last name of the authorizing physician ordering the procedure, if the order was provided by any manner other than protocol (standing order)

XSD Data Type	<i>xs:string</i>	XSD Domain (Simple Type)	<i>ProcedureAuthorizingPhysician</i>
Multiple Entry Configuratio	Yes, via structure	Accepts Null Value	Yes
Required in XSD	No	Minimum Constraint	2
		Maximum Constraint	20
XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure			

Field Values

- 25 Not Applicable
- 5 Not Available
- 10 Not Known
- Relevant Value for Data Element & Patient Care

Additional Information

- Associated with Procedure Authorization (E19_10) if the value is not “Protocol”

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00	Common Null Values	E01_01	Patient Care Report Number
E19_01	Date/Time Procedure Performed Successfully	E19_02	Procedure Performed Prior to this Units EMS Care
E19_03	Procedure	E19_04	Size of Procedure Equipment
E19_05	Number of Procedure Attempts	E19_06	Procedure Successful
E19_07	Procedure Complication	E19_08	Response to Procedure
E19_09	Procedure Crew Members ID	E19_10	Procedure Authorization

Data Format [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 Configuratio Yes **Accepts Null Value** Yes
Required in XSD No

XSD Structure: Tube Confirmation is not related to the documentation of any specific airway procedure but should be filled out if an airway procedure is done on any patient.

Field Values

- 25 Not Applicable
- 5 Not Available
- 4740 Colormetric CO2 Detector Confirmation
- 4750 Esophageal Bulb Aspiration confirmation
- 4760 Visualization of the Chest Rising with ventilation
- 4770 Waveform CO2 Confirmation
- 10 Not Known
- 4735 Auscultation of Bilateral Breath Sounds
- 4745 Digital CO2 Confirmation
- 4755 Negative Auscultation of the Epigastrium
- 4765 Visualization of Tube Passing Through the Cords

Additional Information

- The Tube Confirmation is not documented with any specific Procedure (E19_03) but should be completed if an Airway Procedure leads to Intubation

Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

- E00 Common Null Values
- E01_01 Patient Care Report Number
- E19_03 Procedure

DESTINATION CONFIRMATION OF TUBE PLACEMENT

E19_14

Data Format [combo] multiple-choice

Definition

Endotracheal Tube location verification on the arrival at the Destination (if applicable)

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *DestinationConfirmationOfTubePlacement*
Multiple Entry Configuratio Yes **Accepts Null Value** Yes

Required in XSD No

XSD Structure: Destination Confirmation of Tube Placement is not related to the documentation of any specific airway procedure but should be filled out if an airway procedure is done on any patient.

Field Values

- | | |
|---|--|
| -25 Not Applicable | -10 Not Known |
| -5 Not Available | 4775 Auscultation of Bilateral Breath Sounds |
| 4780 Colormetric CO2 Detector Confirmation | 4785 Digital CO2 Confirmation |
| 4790 Esophageal Bulb Aspiration confirmation | 4795 Negative Auscultation of the Epigastrium |
| 4800 Visualization of the Chest Rising with ventilation | 4805 Visualization of Tube Passing Through the Cords |
| 4810 Waveform CO2 Confirmation | |

Additional Information

- The Destination Confirmation of Tube Placement is not documented with any specific Procedure (E19_03) but should be completed if an 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/TRANSFERRED TO, NAME

E20_01

Data Format [text]

Definition

The destination the patient was delivered or transferred to

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>DestinationTransferredToID</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	Minimum Constraint 2 Maximum Constraint 50

Field Values

- 25 Not Applicable
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Additional Information

- Could be an editable single choice list box derived from Hospitals Served (D04_11) and Other Destinations (D04_13)

Uses

- A component of the EMS Medical Record: Patient Care Report
- Important for grouping or comparing data by Destination location and type which also allows data to be sorted by geographic areas in many agencies
- Provides information on overall service area, patterns and times for agency configuration and evaluation

Data Collector

- EMS personnel

Other Associated Elements

- E00** Common Null Values
- E01_01** Patient Care Report Number
- E20_02** Destination/Transferred To, Code

DESTINATION ZIP CODE

E20_07

Data Format [text]

National Element

Definition

The destination zip code in which the patient was delivered or transferred to

XSD Data Type <i>xs:string</i>	XSD Domain (Simple Type) <i>Zip</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD Yes	Minimum Constraint 2 Maximum Constraint 10
XSD Structure: E20_03, E20_04, E20_05, and E20_07 are all members of E2-_03_0 Destination Address Structure	

Field Values

- 25 Not Applicable
- 15 Not Reporting
- 10 Not Known
- 5 Not Available
- Relevant Value for Data Element & Patient Care

Additional Information

- Can be 5 or 9 digit Zip Code

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the destination location
- Allows data to describe patient's geographic destination
- Important for grouping or comparing data by Destination location and type which also allows data to be sorted by geographic areas in many agencies
- Provides information on overall service area, patterns and times for agency configuration and evaluation

Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

Other Associated Elements

E00 Common Null Values	E01_01 Patient Care Report Number
E20_01 Destination/Transferred To, Name	E20_03 Destination Street Address
E20_04 Destination City	E20_05 Destination State

INCIDENT/PATIENT DISPOSITION

E20_10

Data Format [combo] single-choice

National Element

Definition

Type of disposition treatment and/or transport of the patient.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>IncidentPatientDisposition</i>
Multiple Entry Configuratio No	Accepts Null Value No
Required in XSD Yes	

Field Values

4815 Cancelled	4820 Dead at Scene
4825 No Patient Found	4830 No Treatment Required
4835 Patient Refused Care	4840 Treated and Released
4845 Treated, Transferred Care	4850 Treated, Transported by EMS
4855 Treated, Transported by Law Enforcement	4860 Treated, Transported by Private Vehicle

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the EMS disposition
- Allows data to describe EMS patient's disposition

Data Collector

- EMS personnel

Other Associated Elements

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 47 Incident/Patient Disposition

References to Other Databases

- NFIRS 5.0 EMS Module; Title: Disposition; Pick-List: FD Transport to Emergency Care Facility (ECF) = 1, Non-FD Transport = 2, Non-FD Transport with FD Attendant = 3, Non-Emergency Transfer = 4, Other = O, Not Transported under EMS = N

TRANSPORT MODE FROM SCENE

E20_14

Data Format [combo] single-choice

National Element

Definition

Indication whether or not lights and/or sirens were used on the vehicle while leaving scene

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>TransportModeFromScene</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable

-15 Not Reporting

-10 Not Known

-5 Not Available

4955 Initial Lights and Sirens, Downgraded to No Lights or Sirens

4960 Initial No Lights or Sirens, Upgraded to Lights and Sirens

4965 Lights and Sirens

4970 No Lights or Sirens

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the transportation mode
- Allows data to describe transportation mode used by EMS

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

References in NHTSA Version 1

Essential Element 46 Lights and Sirens used from the Scene

CONDITION OF PATIENT AT DESTINATION

E20_15

Data Format [combo] single-choice

Definition

The condition of the patient after care by EMS

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ConditionOfPatientAtDestination</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD No	

Field Values

-25 Not Applicable	-10 Not Known
-5 Not Available	4975 Improved
4980 Unchanged	4985 Worse

Uses

- Outcome indicator
- Part of an EMS Medical Record
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Data Collector

- EMS personnel

Other Associated Elements

E00 Common Null Values **E01_01** Patient Care Report Number

References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Patient Status; The patient's status when transferred to another agency.; Pick-List: Improved = 1, Remained Same = 2, Worsened = 3

REASON FOR CHOOSING DESTINATION

Data Format [combo] single-choice

National Element

Definition

The reason the unit chose to deliver or transfer the patient to the destination

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>ReasonForChoosingDestination</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|---|---------------------------------------|
| -25 Not Applicable | -15 Not Reporting |
| -10 Not Known | -5 Not Available |
| 4990 Closest Facility (none below) | 4995 Diversion |
| 5000 Family Choice | 5005 Insurance Status |
| 5010 Law Enforcement Choice | 5015 On-Line Medical Direction |
| 5020 Other | 5025 Patient Choice |
| 5030 Patient's Physicians Choice | 5035 Protocol |
| 5040 Specialty Resource Center | |

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the destination choice
- Allows data to give a reason for choosing the patient's destination which is important to document from a specialty care agency and diversion/overcrowding perspective

Data Collector

- EMS personnel

Other Associated Elements

- | | |
|-------------------------------|--|
| E00 Common Null Values | E01_01 Patient Care Report Number |
|-------------------------------|--|

References in NHTSA Version 1

Essential Element 45 Destination Determination

TYPE OF DESTINATION

Data Format [combo] single-choice

National Element

Definition

The type of destination the patient was delivered or transferred to

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>TypeOfDestination</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- 25 Not Applicable
- 10 Not Known
- 7270 Home
- 7290 Medical Office/Clinic
- 7320 Nursing Home
- 7340 Other EMS Responder (air)
- 7360 Police/Jail
- 15 Not Reporting
- 5 Not Available
- 7280 Hospital
- 7300 Morgue
- 7330 Other
- 7350 Other EMS Responder (ground)

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted or grouped based on the EMS transports destination type
- Allows data to describe EMS patient's destination type

Data Collector

- EMS personnel

Other Associated Elements

- E00 Common Null Values
- E01_01 Patient Care Report Number
- E20_01 Destination/Transferred To, Name

References in NHTSA Version 1

Essential Element 44 Destination/Transferred To

EMERGENCY DEPARTMENT DISPOSITION

E22_01

Data Format [combo] single-choice

National Element

Definition

The known disposition of the patient from the Emergency Department (ED)

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>EmergencyDepartmentDisposition</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

-25 Not Applicable

-15 Not Reporting

-10 Not Known

-5 Not Available

5335 Admitted to Hospital Floor

5340 Admitted to Hospital ICU

5345 Death

5350 Not Applicable (Not Transported to ED)

5355 Released

5360 Transferred

Uses

- Allows data to be sorted based on the EMS patient outcome
- Allows data to describe EMS patient outcome

Data Collector

- EMS Agency: Could be collected by EMS Administration or electronically provided through linkage with hospital databases

Other Associated Elements

E00 Common Null Values

E01_01 Patient Care Report Number

Definition

Indication of how the patient was dispositioned from the hospital, if admitted.

XSD Data Type <i>xs:integer</i>	XSD Domain (Simple Type) <i>HospitalDisposition</i>
Multiple Entry Configuratio No	Accepts Null Value Yes
Required in XSD Yes	

Field Values

- | | |
|----------------------------------|---|
| -25 Not Applicable | -15 Not Reporting |
| -10 Not Known | -5 Not Available |
| 5365 Death | 5370 Discharged |
| 5375 Transfer to Hospital | 5380 Transfer to Nursing Home |
| 5385 Transfer to Other | 5390 Transfer to Rehabilitation Facility |

Uses

- Allows data to be sorted based on the EMS patient outcome
- Allows data to describe EMS patient outcome

Data Collector

- EMS Agency: Could be collected by EMS Administration or electronically provided through linkage with hospital databases

Other Associated Elements

- E00** Common Null Values **E01_01** Patient Care Report Number

References to Other Databases

- **UTSTEIN** Title: Survived Event to ED/ICU; Admitted to ED, Admitted to ICU