



The Florida EMS Data Dictionary

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Text highlighted in **YELLOW** are modifications made for Florida

COMMON NULL VALUES

E00

Definition

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

Field Values

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

Additional Information

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

Florida Notes

Nulls

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

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

Not Recorded and Required Fields

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

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

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

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

Default Values

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

Not Reporting

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

Florida Definitions

1. Definition of an EMS Event

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

Notes:

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

2. Definition of an Event Record

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

Notes:

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

3. Definition of a Patient Encounter

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

Notes:

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

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

4. Definition of Response Time

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

5. Definition of a Destination

Any location to which a patient is transported. This includes facilities and fixed location types, but may also include a location where a transfer of care occurs such as an LZ or rendezvous point.

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

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

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 *xs:string* **XSD Domain (Simple Type)** *PatientCareReportNumber*
Multiple Entry Configuration No **Accepts Null** 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
- The PCR Number can also be provided from another database like CAD

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

Validation Rules:

Data Type	string
Null Allowed	No
Multi Entry	No
Min value	3
Max value	23
Acceptable Field Values	
Related Elements	05_04 (Unit Notified)
Additional Rules	If 01-01 has a value, 05-04 must have a value.

SOFTWARE CREATOR

E01_02

Data Format [text]

National Element

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *SoftwareCreatedBy*

Multiple Entry Configuration No

Accepts Null 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

Validation Rules:

Data Type	string
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	
Related Elements	05_04(Unit Notified)
Additional Rules	If 01-02 has a value, 05-04 must have a value.

SOFTWARE NAME

E01_03

Data Format [text]

National Element

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *SoftwareName*

Multiple Entry Configuration No

Accepts Null 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

Validation Rules:

Data Type	string
Null Allowed	No
Multi Entry	No
Min value	3
Max value	30
Acceptable Field Values	
Related Elements	05_04(Unit Notified)
Additional Rules	If 01-03 has a value, 05-04 must have a value.

SOFTWARE VERSION

E01_04

Data Format [text]

National Element

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *SoftwareVersion*

Multiple Entry Configuration No

Accepts Null 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

Validation Rules:

Data Type	string
Null Allowed	No
Multi Entry	No
Min value	3
Max value	30
Acceptable Field Values	
Related Elements	05_04 (Unit Notified)
Additional Rules	

EMS AGENCY NUMBER

E02_01

Data Format [text]

National Element

Definition

The state-assigned provider number of the responding agency

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *EMSAgencyNumber*
Multiple Entry Configuration No **Accepts Null** No
Required in XSD Yes **Minimum Constraint** 3 **Maximum Constraint** 15

Field Values

A unique value; no variable list is possible.

Default Value

Agency Specific assigned by the Bureau

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

Validation Rules:

Data Type	string
Null Allowed	No
Multi Entry	No
Min value	3
Max value	15
Acceptable Field Values	
Related Elements	05_04 (Unit Notified)
Additional Rules	Must exist in state license db.

TYPE OF SERVICE REQUESTED

E02_04

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

Multiple Entry Configuration No **Accepts Null** No

Required in XSD Yes

Field Values

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

Default Value

Agency Specific

Additional Information

Mutual Aid: Defined as responding outside of 'Area of service' and at the request of another licensed agency

Intercept: Defined as a type of service where an agency responds to transport a patient that is transferred by another agency or unit from any place other than the scene.

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

Validation Rules:

Data Type	integer
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_04 (Unit Notified)
Additional Rules	

PRIMARY ROLE OF THE UNIT

E02_05

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

- 60 Non-Transport
- 75 Transport

Default Value

Agency Specific default value from 60 or 75

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

Validation Rules:

Data Type	integer
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_04(Unit Notified), 02_04(TypeOfService), 22_01(EmergencyDeptDisposition), 22_02(Hospital Disposition)
Additional Rules	<ul style="list-style-type: none"> • If 02_05(Primary Role) = 60, 05_10(AtDestination) will not exist and 05_13(AtHome) will have a valid value (may be equal to 05_11(InService)) • If 02_05 (Primary Role) = 60, 22_01 (EmergencyDeptDisposition) and 22_02 (HospitalDisposition) must be equal to -20. • If 02_05 (Primary Role) = 60, 02_04 (TypeOfService) must be in (30, 50, 55). • If 02_05 (Primary Role) = 75, 02_04 (TypeOfService) may be equal to any value in (30, 40, 50, 35, 45, 55).

TYPE OF DISPATCH DELAY

E02_06

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

Field Values

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

Default Value

-20 Not Recorded

Additional Information

Florida Notes: have requested of the NEMSIS TAC that "none" be added as a value in future version

Uses

- Allows data to describe the status of Dispatch issues

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_02(PSAPCallTime), 05_04(UnitNotified)
Additional Rules	

TYPE OF RESPONSE DELAY

E02_07

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

- | | |
|-------------------|---------------------|
| 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 | |

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_05 (Enroute), 05_06 (OnScene)
Additional Rules	

TYPE OF SCENE DELAY

E02_08

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *TypeOfSceneDelay*

Multiple Entry Configuration Yes

Accepts Null Yes

Required in XSD Yes

Field Values

- | | |
|--------------------------|---------------------|
| 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 | |

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_06(OnScene), 05_09(LeftScene)
Additional Rules	

TYPE OF TRANSPORT DELAY

E02_09

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

- | | |
|-------------------|---------------------|
| 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 | |

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From the list above
Related Elements	05_09(LeftScene), 05_10(AtDestination) if 02_05 (PrimaryRole) = 75
Additional Rules	• if 02_05(PrimaryRole) = 60, 02_09(TransportDelay) = 290

TYPE OF TURN-AROUND DELAY

E02_10

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

Multiple Entry Configuration Yes **Accepts Null** No

Required in XSD Yes

Field Values

- | | |
|-----------------------|-----------------------------|
| 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 |

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

Data Type	integer
Null Allowed	No
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_09(LeftScene), 05_10(AtDestination), 05_11(InService)
Additional Rules	<ul style="list-style-type: none"> • If 02_05(PrimaryRole) = 60, this is the delay b/w 05_09(LeftScene) and 05_11(InService) • If 02_05(PrimaryRole) = 75, this is the delay b/w 05_09(LeftScene) and 05_10(AtDestination)

EMS UNIT CALL SIGN (RADIO NUMBER)

E02_12

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 *xs:string*

XSD Domain (Simple Type) *EMSUnitCallSign*

Multiple Entry Configuration No

Accepts Null No

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 15

Field Values

- Relevant Value for Data Element & Patient Care

Default Value

Relevant field value / agency specific

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

Validation Rules:

Data Type	string
Null Allowed	No
Multi Entry	No
Min value	2
Max value	15
Acceptable Field Values	
Related Elements	05_04(UnitNotified)
Additional Rules	If 05_04(UnitNotified) has a value, 02_12(EMSUnitCallSign) must have a valid value

RESPONSE MODE TO SCENE

E02_20

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

Multiple Entry Configuration No **Accepts Null** 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

Default Value

Agency Specific from 380, 385, 390, 395

Additional Information

If a unit is dispatched and the call is cancelled before they go en route, enter the value that would normally have been entered if the unit had proceeded en route (for example, if they would have had lights and sirens on, then choose 390).

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

Validation Rules:

Data Type	integer
Null Allowed	Yes, but blank or empty
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_05(Enroute)
Additional Rules	

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

Field Values

- | | |
|--|--|
| -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) |

Default Value

Agency Specific from list above

Florida Notes: We recommended to the NEMSIS TAC that “other” be added as a value in the future version of the NHTSA Data Dictionary

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above

Related Elements	05_04(UnitNotified)
Additional Rules	<ul style="list-style-type: none">• if 05_04(UnitNotified) has a valid value, 03_01(Complaint) cannot have -20.

EMD PERFORMED

E03_02

Data Format [combo] single-choice

National Element

Definition

Indication of whether EMD was performed for this EMS event.

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

Field Values

-10 Not Known -5 Not Available
 0 No 570 Yes, With Pre-Arrival Instructions
 575 Yes, Without Pre-Arrival Instructions

Additional Information

A blank in this field must be transmitted as -20 (Not Recorded).

Default Value

Agency Specific from list above

Uses

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_04(UnitNotified)
Additional Rules	If 02_04(TypeOfServiceRequested) = 30, 03_02 cannot be blank.

INCIDENT OR ONSET DATE/TIME

E05_01

Data Format [date/time]

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format

****Florida requires all date/time fields be recorded when applicable to the call**

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/2007
Max value	Current date of submittal
Acceptable Field Values	value <= 05_02(PSAPCallTime) or 05-03(DispatchNotified) AND value >= 06_16(DOB if DOB exists) AND => 01/01/07
Related Elements	05_02(PSAPCallTime), 05_03(DispatchNotified), (05_04(UnitNotified), 05_05(Enroute), 05_06(OnScene) and 05_07(AtPatient))
Additional Rules	•When 06_14 (Age) <=8 and 06_15(AgeUnits) = hours, 05_01(IncidentDT) may be < = 06_16(DOB – if DOB is not null).

PSAP CALL DATE/TIME

E05_02

Data Format [date/time]

National Element

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format

Where agencies are unable to determine the actual PSAP call time, this field should be left blank, and the date/time of first notification should be filled out in element E05_03 Dispatch Notified Date/Time.

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes
Multi Entry	No
Min value	01/01/2007
Max value	Current date of submittal
Acceptable Field Values	value >= 05_01(IncidentDT) and >= 06_16(DOB if exists)
Related Elements	01_01(PCRN0), 01_02(s/w Creator), 01_03(s/w Name), 01_04(s/w Version), 02_06(DispatchDelay)
Additional Rules	•When 06_14 (Age) <=8 and 06_15 (AgeUnits) = hours, 05_02 (PSAPCallTime) may be < =06_16 (DOB if exists).

DISPATCH NOTIFIED DATE/TIME

E05_03

Data Format [date/time]

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format

This represents the date/time the agency was first notified that EMS services are requested. This date/time field should always be filled out for all EMS events.

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

Validation Rules:

Data Type	dateTime
Null Allowed	
Multi Entry	No
Min value	01/01/2007
Max value	Current date of submittal
Acceptable Field Values	value >= 05_01(IncidentDT) and >= 06_16(DOB if exists)
Related Elements	01_01(PCRNo), 01_02(s/w Creator), 01_03(s/w Name), 01_04(s/w Version), 02_06(DispatchDelay)
Additional Rules	<ul style="list-style-type: none"> • When 06_14 (Age) <= 8 and 06_15 (AgeUnits) = hours, 05_03 (DispatchNotified) may be < = 06_16

UNIT NOTIFIED BY DISPATCH DATE/TIME

E05_04

Data Format [date/time]

National Element

Definition

The date the responding unit was notified by dispatch

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format
- 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

Validation Rules:

Data Type	dateTime
Null Allowed	No
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	If 05_02(PSAPCallTime) or 05-03(dispatchNotified) exists, 05_04(UnitNotified) must be >= 05_02(PSAPCallTime) or 05-03(dispatchNotified) and >= 06_16(DOB) and <=05_05(Enroute)
Related Elements	•01_01(PCR No), 01_02(s/w Creator), 01_03(s/w Name), 01_04(s/w Version), 02_01(EMSAgencyNo), 02_04(TypeOfService), 02_05(PrimaryRole), 02_12(EMSUnitCallSign), 03_01(Complaint), 03_02(EMDPerformed)
Additional Rules	•When 06_14 (Age) <=8 and 06_15 (AgeUnits) = hours, 05_04 (UnitNotified) may be <= 06_16 (DOB). •In the event of walk ups or drive by's, 05_04 (UnitNotified), 05_05 (Enroute), 05_06 (OnScene) and 05_07 (AtPatient) may have the same value.

UNIT EN ROUTE DATE/TIME

E05_05

Data Format [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null Yes, but null value is blank ****see notes**

Required in XSD Yes

Minimum Constraint 1,990 **Maximum Constraint** 2,030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format

****Florida requires all date/time fields be recorded when applicable to the call**

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	Value >= 05_04(UnitNotified) and >= 06_16(DOB) and <= 05_06(OnScene)
Related Elements	02_20(ResponseMode), 02_07(ResponseDelay), 20_10(TurnAroundDelay)
Additional Rules	<ul style="list-style-type: none"> •When 06_14 (Age) <=8 and 06_15 (AgeUnits) = hours, 05_05 (Enroute) may be <= 06_16 (DOB). •In the event of walk ups or drive by's, 05_04 (UnitNotified), 05_05 (Enroute), 05_06 (OnScene) and 05_07 (AtPatient) may have the same value.

UNIT ARRIVED ON SCENE DATE/TIME

E05_06

Data Format [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null Yes, but null value is blank ****see notes**

Required in XSD Yes

Minimum Constraint 1,990 **Maximum Constraint** 2,030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format

****Florida requires all date/time fields be recorded when applicable to the call**

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	Value >= 05_05(Enroute) and <= 05_07 (AtPatient)(if exists)
Related Elements	02_07(ResponseDelay), 02_08(SceneDelay)
Additional Rules	•When 06_14 (Age) <=8 and 06_15 (AgeUnits) = hours, 05_06 (OnScene) may be <=06_16 (DOB).

ARRIVED AT PATIENT DATE/TIME

E05_07

Data Format [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null

Yes, but null value is blank ****see notes**

Required in XSD Yes

Minimum Constraint 1,990

Maximum Constraint 2,030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format

****Florida requires all date/time fields be recorded when applicable to the call**

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	Value >= 05_06(OnScene) and <=05_09(leftScene if exists) and >= 06_16(DOB)
Related Elements	08_05, 08_06, 08_07, 08_15, 06_01, 06_02 06_08, 06_10, 06_11, 06_12, 06_13, 06_14, 06_15, 06_16
Additional Rules	If 05_07(AtPatient) exists, the following rules must be true. <ul style="list-style-type: none"> • 06_01(LastName) cannot have -20 • 06_02(FirstName) cannot have -20 • 06_08(ZipCode) cannot have -20 • 06_10(SSN) cannot have -20 • 06_11(Gender) cannot have -20 • 06_12(Race) cannot have -20 • 06_13(Ethnicity) cannot have -20 • 06_14(Age) has to have a valid value • 06_15(AgeUnits) in (700, 705, 710, 715) • 08_05(NoOfPatients) cannot have -20 • 08_06(MassCasualty) cannot have -20 • 08_07(LocationType) cannot have -20 • 08_15(ZipCode) cannot have -20

	<ul style="list-style-type: none">•12_01(Barriers) cannot have -20•12_19(AlcoholDrug) cannot have -20
--	--

UNIT LEFT SCENE DATE/TIME

E05_09

Data Format [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null Yes, but null value is blank ****see notes**

Required in XSD Yes

Minimum Constraint 1,990 **Maximum Constraint** 2,030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format

****Florida requires all date/time fields be recorded when applicable to the call**

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	>= 05_07(AtPatient) and <=05_10(AtDestination) (if exists) and >= 06_16(DOB)
Related Elements	02_08(SceneDelay), 02_09(TransportDelay)
Additional Rules	•If 05-10 has a valid value, then 05-09 cannot be null

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 *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null Yes, but null value is blank ****see notes**

Required in XSD Yes

Minimum Constraint 1,990 **Maximum Constraint** 2,030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format

****Florida requires all date/time fields be recorded when applicable to the call**

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	Value >= 05_09(LeftScene) and <= 05_11(InService) and >= 06_16(DOB)
Related Elements	02_09, 02_10, 22_01, 22_02, 20_02, 20_07, 20_14, 20_15, 20_16, 20_17
Additional Rules	If 05_10 (AtDestination) has a valid value, the following must be true. <ul style="list-style-type: none"> • 20_02(DestinationCode) cannot have -20 • 20_07(DestinationZip) cannot have -20 • 20_10 (IncidentPatientDisp) must be equal to 4850. • 20_14(TransportMode) cannot have -20 • 20_15(PatientCondition) cannot have -20 • 20_16(Reason) cannot have -20 • 20_17(DestinationType) cannot have -20

UNIT BACK IN SERVICE DATE/TIME

E05_11

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 *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null Yes, but null value is blank ****see notes**

Required in XSD Yes

Minimum Constraint 1,990 **Maximum Constraint** 2,030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format

****Florida requires all date/time fields be recorded when applicable to the call**

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	>= 05_10(AtDestination) (if exists) and <= 05_13(AtHome if exists) and >= 06_16(DOB)
Related Elements	02_10(TurnAroundDelay)
Additional Rules	<ul style="list-style-type: none"> • If 05_12(CancelledCallDT) has a value, 05_11(InService) must be >= 05_05(Enroute) • If 05-09(LeftScene) and 05-10(AtDestination) does not have a value, then 05-11 (InService) must be >= 05-07(Atpatient) if exists.

UNIT CANCELLED DATE/TIME

E05_12

Data Format [date/time]

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	>= 05_04(UnitNotified) and <= 05-11(InService)
Related Elements	
Additional Rules	

UNIT BACK AT HOME LOCATION DATE/TIME

E05_13

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 *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null Yes, but null value is blank ****see notes**

Required in XSD Yes

Minimum Constraint 1,990 **Maximum Constraint** 2,030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format

****Florida requires all date/time fields be recorded when applicable to the call**

Uses

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	>= 05_11(InService)
Related Elements	
Additional Rules	

LAST NAME

E06_01

Data Format [text]

Definition

The patient's last (family) name

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

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	string
Null Allowed	Yes
Multi Entry	No
Min value	2
Max value	20
Acceptable Field Values	All alphabets, apostrophe(') and dash(-).
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If 05_07 (AtPatient) has a valid value, 06_01 (Lastname) cannot be -20.

FIRST NAME

E06_02

Data Format [text]

Definition

The patient's first (given) name

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

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	string
Null Allowed	Yes
Multi Entry	No
Min value	1
Max value	20
Acceptable Field Values	All alphabets, apostrophe (') and dash (-).
Related Elements	05_07 (AtPatient)
Additional Rules	• If 05_07 (AtPatient) has a valid value, 06_02 (FirstName) cannot be -20.

PATIENT'S HOME ZIP CODE

E06_08

Data Format [text]

National Element

Definition

The patient's home ZIP code of residence; a valid 5 – 10 character postal code in the US or foreign country.

XSD Data Type *xs:string*

XSD Domain (Simple Type) *Zip*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 10

XSD Structure: E06_04, E06_05, E06_07, E06_08 are all members of the E06_04_0 Patient Address Structure

Field Values

-25 Not Applicable

-5 Not Available

-10 Not Known

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

Additional Information

- Can be stored as a 5 or 9 digit code
- In situations where the zip code is unknown, unavailable or does not apply, common null values will be accepted. However, blanks will not be accepted.

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

Validation Rules:

Data Type	string
Null Allowed	Yes
Multi Entry	No
Min value	2
Max value	10
Acceptable Field Values	
Related Elements	05_07 (AtPatient)
Additional Rules	•If 05_07(Atpatient) has a valid value, 06_08(ZipCode) cannot be -20.

SOCIAL SECURITY NUMBER

E06_10

Data Format [number]

Definition

The patient's social security number

XSD Data Type *xs:string*

XSD Domain (Simple Type) *SocialSecurityNumber*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD No

Minimum Constraint 2

Maximum Constraint 9

Field Values

-25 Not Applicable

-5 Not Available

-10 Not Known

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

Additional Information

The Social Security Number is an important linking element necessary to provide patient outcome information and, as such, should be recorded wherever possible.

In instances where a patient does not possess a SSN#, a value of -25, Not Applicable should be recorded. This may include infants & juveniles, foreign visitors, undocumented aliens, etc.

Uses

- Key component of an EMS Medical Record

Validation Rules:

Data Type	string
Null Allowed	Yes
Multi Entry	No
Min value	2
Max value	9
Acceptable Field Values	From list above or dddddddd
Related Elements	05_07 (AtPatient)
Additional Rules	•If 05_07 (AtPatient) has a valid value, 06_10 (SSN) cannot be -20.

GENDER

E06_11

Data Format [combo] single-choice

National Element

Definition

The patient's gender

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *Gender*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-10 Not Known

650 Male

655 Female

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_07 (AtPatient)
Additional Rules	<ul style="list-style-type: none"> • If 05_07 (AtPatient) has a valid value, 06_11 (Gender) cannot be -20.

RACE

E06_12

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 *xs:integer*

XSD Domain (Simple Type) *Race*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-10 Not Known

660 American Indian or Alaska Native

670 Black or African American

680 White

-15 Not Reporting

665 Asian

675 Native Hawaiian or Other Pacific Islander

685 Other Race

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_07 (AtPatient)
Additional Rules	<ul style="list-style-type: none"> • If 05_07 (AtPatient) has a valid value, 06_12 (Race) cannot be -20.

ETHNICITY

E06_13

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

-10 Not Known -15 Not Reporting
 690 Hispanic or Latino 695 Not Hispanic or Latino

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_07 (AtPatient)
Additional Rules	<ul style="list-style-type: none"> • If 05_07 (AtPatient) has a valid value, 06_13 (Ethnicity) cannot be -20.

AGE

E06_14

Data Format [number]

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *Age*

Multiple Entry Configuration No

Accepts Null 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

In most instances, Age will be calculated from Date of Birth (E06_16)

If age is known but DOB is unknown, enter the known age in this field

If DOB is not available, enter an estimated age in this field

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

Validation Rules:

Data Type	integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	No
Min value	1
Max value	120
Acceptable Field Values	Any value b/w min and max value
Related Elements	05_07(AtPatient), 06_15 (AgeUnits), 06_16(DOB)
Additional Rules	<ul style="list-style-type: none"> • If 06_15 (AgeUnits) has a value other than -20, 06_14 (Age) must have a valid value. • If 06_16 (DOB) = blank, do not calculate 06_14 (Age), age should be estimated. • If 05_07 (AtPatient) has a valid value, 06_14 (Age) cannot be blank.

DATE OF BIRTH

E06_16

Data Format [date]

Definition

The patient's date of birth

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

Client software should use this field to calculate age for E06_14
 If DOB is unknown or not available, this field should be left blank or empty.

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

Validation Rules:

Data Type	date
Null Allowed	Yes, but Null is blank or empty
Multi Entry	No
Min value	1890
Max value	Current date of submittal
Acceptable Field Values	
Related Elements	06_14(Age), 06_16(DOB), 05_07(AtPatient)
Additional Rules	<ul style="list-style-type: none"> • If 05_07 (AtPatient) has a valid value, 06_14 (Age) cannot be blank. • If 06_16(DOB) has a valid value, 06_14(Age) must be calculated from 06_16(DOB) • If 06_16(DOB) is unknown, its value must blank

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

Field Values

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

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	

CMS SERVICE LEVEL

E07_34

Data Format [combo] single-choice

National Element

Definition

The CMS service level for this EMS encounter.

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

Field Values

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

Default Value

-20 Not Recorded

Additional Information

If the agency does not collect EMS Service Level in this field, this may remain -20 (Not Recorded).

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	

CONDITION CODE NUMBER

E07_35

Data Format [combo] multiple-choice*National Element***Definition**

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

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

- | | |
|--|---|
| 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)
- 8061 Cardiac/Hemodynamic Monitoring Required (ALS-428.9)
- 8063 IV Meds Required (ALS-No ICD code provided)
- 8065 Suctioning/Oxygen/IV fluids required (BLS-496.0)
- 8067 Third Party Assistance/Attendant Required (BLS-496.0)
- 8069 Patient Safety (monitoring required) (BLS-293.1)
- 8071 Patient Safety (risk of falling off stretcher) (BLS-781.3)
- 8073 Special Handling (orthopedic device required) (BLS-907.2)

- 8060 Sexual Assault (minor injuries) (BLS-995.8)
- 8062 Advanced Airway Management (ALS-518.81)
- 8064 Chemical Restraint (ALS-293.0)
- 8066 Airway Control/Positioning Required (BLS-786.09)
- 8068 Patient Safety (restraints required) (BLS-298.9)
- 8070 Patient Safety (seclusion required) (BLS-298.8)
- 8072 Special Handling (Isolation) (BLS-041.9)
- 8074 Special Handling (positioning required) (BLS-719.45)

Default Value

-20 Not Recorded

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

Florida Notes: We recommended to the NEMSIS TAC to change the min/max for this field and also to change this element to an integer value instead of string

If the agency does not collect Condition Code Number in this field, this may remain -20 (Not Recorded).

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	

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

Field Values

1120 None 1125 Single
 1130 Multiple

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_07(Atpatient), 08_06(MassCasualty)
Additional Rules	<ul style="list-style-type: none"> • If 08_06(MassCasualty) = 1, then 08_05(NoOfPatients) must be equal to 1130 • If 05_07 (AtPatient) has a valid value, 08_05 (NoOfPatients) must have value other than -20. • If 08_05 (NoOfPatients) = 1120 or 1125, then 08_06 (MassCasualty) must be equal to 0.

MASS CASUALTY INCIDENT

E08_06

Data Format [combo] single-choice

National Element

Definition

Indicator if this event would be considered a mass casualty incident (overwhelmed existing EMS resources) to the initial responding unit's resources as per Florida FOG

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *YesNoValues*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

0 No

1 Yes

Default Value

-20 Not Recorded

Additional Information

Generally greater than 5 patients unless further defined at the agency level

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_07(AtPatient), 08_05(NoOfPatients)
Additional Rules	<ul style="list-style-type: none"> • If 08_06(MassCasualty) = 1, 08_05(NoOfPatients) must be equal to 1130 • If 05_07(AtPatient) has a valid value, 08_06(MassCasualty) cannot be -20

INCIDENT LOCATION TYPE

E08_07

Data Format [combo] single-choice

National Element

Definition

The kind of location where the incident happened

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

Field Values

- 10 Not Known
- 1135 Home/Residence
- 1145 Mine or Quarry
- 1155 Place of Recreation or Sport
- 1165 Public Building (schools, gov. offices)
- 1175 Health Care Facility (clinic, hospital, nursing home)
- 1185 Lake, River, Ocean
- 11351 Pool - Home
- 11353 Bucket - Home
- 11551 Pool – Recreation
- 1140 Farm
- 1150 Industrial Place and Premises
- 1160 Street or Highway
- 1170 Trade or service (business, bars, restaurants, etc)
- 1180 Residential Institution (Nursing Home, jail/prison, ALF)
- 1190 Other Location
- 11352 Bathtub - Home
- 11354 Spa - Home
- 11701 Pool - Business

Default Value

-20 Not Recorded

Additional Information

- Based on ICD-9

Florida Notes: We recommended to the NEMSIS TAC that “pool” be added as a value in the future version of the NHTSA Data Dictionary

Uses

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_07(AtPatient)
Additional Rules	If 05_07(AtPatient) has a valid value, 08_07(LocationType) cannot be -20

INCIDENT ZIP CODE

E08_15

Data Format [text]

National Element

Definition

The ZIP code of the incident location

XSD Data Type *xs:string*

XSD Domain (Simple Type) *Zip*

Multiple Entry Configuration No

Accepts Null 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

-10 Not Known

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	string
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above or ddddd or ddddd-dddd
Related Elements	05_07(AtPatient)
Additional Rules	If 05_07(AtPatient) has a valid value, 08_15(ZipCode) cannot be -20

PRIOR AID

E09_01

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

Additional Information

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

NEMSIS indicates that 'Prior Aid' as in E09_01 is to document Prior Aid treatment as a whole as it relates to 'Outcome of the Prior Aid' (E09_03).

Vendors are requested to auto populate this element with vitals (E14), medications (E18), and procedures (E19)

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

Validation Rules:

Data Type	string
Null Allowed	Yes
Multi Entry	Yes
Min value	2
Max value	30
Acceptable Field Values	From list above
Related Elements	09-01(PriorAid), 09-02(PerformedBy), 05-07(AtPatient)
Additional Rules	<ul style="list-style-type: none"> • If 05-07(AtPatient) does not exist, 09-01(PriorAid) must equal -20 • If 09-01(PriorAid) has value other than -20, 09-02(PerformedBy) must equal value other than -20 • If 09-01(PriorAid) = -20, 09-03(Outcome) and 09-02(PerformedBy) must equal -20 • If 09-01(PriorAid) has value other than -20, 05-07(AtPatient) must have a value.

PRIOR AID PERFORMED BY

E09_02

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

Field Values

1195 EMS Provider	1200 Law Enforcement
1205 Lay Person	1210 Other Healthcare Provider
1215 Patient	

Default Value

-20 Not Recorded

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

List all parties who performed prior aid; there is not a one-to-one relationship between this element and E09_01

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	If 09-02(PerformedBy) has value other than -20, 09-01(PriorAid) must have value other than -20.

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

Field Values

1220 Improved 1225 Unchanged
 1230 Worse

Default Value

-20 Not Recorded

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

Refers to the overall outcome; there is not a one-to-one relationship between this element and E09_01

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	09-01(PriorAid)
Additional Rules	09-03(Outcome) must equal -20 when 09-01(PriorAid) = -20

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

Field Values

0 No 1 Yes

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If 09-04(PossibleInjury) = 1, then 10-01(CauseOfInjury) cannot equal -20 and 10-03(Mechanism) cannot equal -20. • If 09-04(PossibleInjury) = -20, then 10-01(CauseOfInjury), 10-03(Mechanism), 9-11(AnatomicLocation) thru 9-16(SecondaryImpression) must equal -20. • If 05_07 (AtPatient) has a value, 09-04(PossibleInjury) must have value other than -20.

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

Field Values

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

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	09-04(PossibleInjury), 05-01(IncidentDT)
Additional Rules	<ul style="list-style-type: none"> • If 09-04(PossibleInjury) = 1, then 09-11(AnatomicLocation) must have value other than -20. • If 05-01(IncidentDT) has a value, then 09-11(AnatomicLocation) must have value other than -20.

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.

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

Field Values

- 10 Not Known
- 1350 Cardiovascular
- 1360 Endocrine/Metabolic
- 1370 Global
- 1380 OB/Gyn
- 1390 Pulmonary
- 1400 Skin
- 1355 CNS/Neuro
- 1365 GI
- 1375 Musculoskeletal
- 1385 Psych
- 1395 Renal

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	09-04(Possible Injury)
Additional Rules	<ul style="list-style-type: none"> • If 09-04(Possible Injury) = 1, then 09-12(Chief Complaint Organ System) must have value other than -20. • If 05_01 (Incident DT) has a value, then 09-12(Organ System) must have value other than -20. • If 09-12(Organ System) = 1380, 06-11(Gender) must equal 655.

PRIMARY SYMPTOM

E09_13

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *PrimarySymptom*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

- 25 Not Applicable
- 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
- 10 Not Known
- 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

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	09-04(PossibleInjury)
Additional Rules	<ul style="list-style-type: none"> • If 09-04(PossibleInjury) = 1, then 09-13(Symptom) cannot equal -20. • If 05-01(IncidentDT) exists, then 09-13(Symptom) cannot equal -20. • If 09-13(Symptom) equal to 1470, then 09-14(OtherSymptom) must equal 1575.

OTHER ASSOCIATED SYMPTOMS

E09_14

Data Format [combo] multiple-choice

National Element

Definition

Other symptoms identified by the patient or observed by EMS personnel

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

Field Values

- 25 Not Applicable
- 1510 Bleeding
- 1520 Change in responsiveness
- 1530 Death
- 1540 Diarrhea
- 1550 Fever
- 1560 Mass/Lesion
- 1570 Nausea/Vomiting
- 1580 Pain
- 1590 Rash/Itching
- 1600 Transport Only
- 1610 Wound
- 10 Not Known
- 1515 Breathing Problem
- 1525 Choking
- 1535 Device/Equipment Problem
- 1545 Drainage/Discharge
- 1555 Malaise
- 1565 Mental/Psych
- 1575 None
- 1585 Palpitations
- 1595 Swelling
- 1605 Weakness

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If 09-14(OtherSymptom) has value other than -20, then 09-13(Symptom) must have value other than -20. • If 09-13(Symptom) equals 1470, then 09-14(OtherSymptom) must equal 1575. • The text values for 09-14(OtherSymptom) and 09-13(Symptom) cannot be the same except where the value is "none" or other null values

PROVIDERS PRIMARY IMPRESSION

E09_15

Data Format [combo] single-choice

National Element

Definition

The EMS personnel's impression of the patient's primary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures).

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ProvidersPrimaryImpression*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

- 25 Not Applicable
- 1615 789.00- Abdominal pain / problems
- 1625 995.30- Allergic reaction
- 1635 312.90- Behavioral / psychiatric disorder
- 1645 427.90- Cardiac rhythm disturbance
- 1655 250.90- Diabetic symptoms (hypoglycemia)
- 1665 780.60- Hyperthermia
- 1675 785.59- Hypovolemia / shock
- 1685 798.99- Obvious death
- 1695 659.90- Pregnancy / OB delivery
- 1705 799.10- Respiratory arrest
- 1715 959.90- Sexual assault / rape
- 1725 989.50- Stings / venomous bites
- 1735 780.20- Syncope / fainting
- 1745 623.80- Vaginal hemorrhage
- 10 Not Known
- 1620 519.80- Airway obstruction
- 1630 780.09- Altered level of consciousness
- 1640 427.50- Cardiac arrest
- 1650 786.50- Chest pain / discomfort
- 1660 994.80- Electrocution
- 1670 780.90- Hypothermia
- 1680 987.90- Inhalation injury (toxic gas)
- 1690 977.90- Poisoning / drug ingestion
- 1700 786.09- Respiratory distress
- 1710 780.30- Seizure
- 1720 987.90- Smoke inhalation
- 1730 436.00- Stroke / CVA
- 1740 959.90- Traumatic injury

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If 09-15(PrimaryImpression) equals 1695 or 1745, then 06-11(Gender) must equal 655.

PROVIDER'S SECONDARY IMPRESSION

E09_16

Data Format [combo] single-choice

National Element

Definition

The EMS personnel's impression of the patient's secondary problem or which led to the management given to the patient (treatments, medications, or procedures).

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ProvidersSecondaryImpression*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-25 Not Applicable	-10 Not Known
1750 789.00- Abdominal pain / problems	1755 519.80- Airway obstruction
1760 995.30- Allergic reaction	1765 780.09- Altered level of consciousness
1770 312.90- Behavioral / psychiatric disorder	1775 427.50- Cardiac arrest
1780 427.90- Cardiac rhythm disturbance	1785 786.50- Chest pain / discomfort
1790 250.90- Diabetic symptoms (hypoglycemia)	1795 994.80- Electrocution
1800 780.60- Hyperthermia	1805 780.90- Hypothermia
1810 785.59- Hypovolemia / shock	1815 987.90- Inhalation injury (toxic gas)
1820 798.99- Obvious death	1825 977.90- Poisoning / drug ingestion
1830 659.90- Pregnancy / OB delivery	1835 786.09- Respiratory distress
1840 799.10- Respiratory arrest	1845 780.30- Seizure
1850 959.90- Sexual assault / rape	1855 987.90- Smoke inhalation
1860 989.50- Stings / venomous bites	1865 436.00- Stroke / CVA
1870 780.20- Syncope / fainting	1875 959.90- Traumatic injury
1880 623.80- Vaginal hemorrhage	

Default Value

-20 Not Recorded

Florida Notes: We recommended to the NEMSIS TAC that "other" be added as a value in the future version of the NHTSA Data Dictionary

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If 09-16(SecondaryImpression) has value other than -20, 09-15(PrimaryImpression) must have value other than -20. • If 09-16(SecondaryImpression) is equal to 1695 or 1745, then 06-11(Gender) must equal 655.

	<ul style="list-style-type: none">The text values for 09-16(SecondaryImpression) and 09-15(PrimaryImpression) cannot be the same.
--	---

CAUSE OF INJURY

E10_01

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

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

Default Value

-20 Not Recorded

Florida Notes: We recommended to the NEMSIS TAC that “other” be added as a value in the future version of the NHTSA Data Dictionary

Unless or until “other” is included as a parent level (top) field value, crews must select an option that most closely fits the situation if there is not an exact match.

Additional Information

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

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above

Related Elements	09-04(PossibleInjury)
Additional Rules	if 09-04(PossibleInjury) =1, 10-01(CauaeOfInjury) cannot have values (-20, -25)

MECHANISM OF INJURY

E10_03

Data Format [combo] multiple-choice

Definition

The mechanism of the event which caused the injury.

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

Field Values

- 10 Not Known
- 2035 Blunt
- 2040 Burn
- 2050 Penetrating
- 2045 Other

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	09-04 (PossibleInjury)
Additional Rules	If 10-03(Mechanism) has value other than common null values, 09-04(PossibleInjury) must equal 1.

CARDIAC ARREST

E11_01

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

0 No 2240 Yes, Prior to EMS Arrival
 2245 Yes, After EMS Arrival

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05-07(AtPatient)
Additional Rules	If 11-01(CardiacArrest) has value other than -20, 05-07(AtPatient) must have a value.

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

Field Values

- 10 Not Known
- 2250 Presumed Cardiac
- 2260 Drowning
- 2270 Electrocutation
- 2255 Trauma
- 2265 Respiratory
- 2275 Other

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	11-01(CardiacArrest)
Additional Rules	If 11-01(CardiacArrest) = 2245 or 2240, then 11-02(Etiology) must have value other than common null values.

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

Field Values

- | | |
|-----------------------------------|---|
| 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 |

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	11-01(CardiacArrest)
Additional Rules	If 11-01(CardiacArrest) = 2245 or 2240, then 11-03(Resuscitation) must have values other than common null values.

ARREST WITNESSED BY

E11_04

Data Format [combo] single-choice

Definition

Indication of who the cardiac arrest was witnessed by

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

Field Values

- 2310 Witnessed by Healthcare Provider
- 2315 Witnessed by Lay Person
- 23101 Witnessed by EMS
- 23103 Heard by Healthcare Provider
- 23152 Heard by Layperson
- 2320 Not Witnessed
- 23102 Seen by Healthcare Provider
- 23151 Seen by Layperson

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	11-01(CardiacArrest)
Additional Rules	If 11-01(CardiacArrest) = 2245 or 2240, then 11-04(WitnessedBy) must have values other than common null values.

FIRST MONITORED RHYTHM OF THE PATIENT

E11_05

Data Format [combo] single-choice

Definition

Documentation of what the first monitored rhythm which was noted

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

Field Values

- 2325 Asystole
- 2330 Bradycardia
- 2340 Other
- 2350 Unknown AED Non-Shockable Rhythm
- 2360 Ventricular Fibrillation
- 2335 Normal Sinus Rhythm
- 2345 PEA
- 2355 Unknown AED Shockable Rhythm
- 2365 Ventricular Tachycardia

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	11-01(CardiacArrest)
Additional Rules	If 11-01(CardiacArrest) = 2245 or 2240, then 11-05(FirstRythm) must have values other than common null values.

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

Field Values

0 No 2370 Yes, Prior to ED Arrival Only 2375 Yes, Prior to ED Arrival and at the ED

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	11-01(CardiacArrest)
Additional Rules	If 11-01(CardiacArrest) = 2245 or 2240, then 11-06(Circulation) must value values other than common null values.

BARRIERS TO PATIENT CARE

E12_01

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

- | | |
|-------------------------------|--|
| 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 | 26101 Behavioral |

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05-07(AtPatient)
Additional Rules	If 05-07(AtPatient) has a value, 12-01(Barriers) must have value other than -20.

ALCOHOL/DRUG USE INDICATORS

E12_19

Data Format [combo] multiple-choice

National Element

Definition

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

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

Field Values

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

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05-07
Additional Rules	

DATE/TIME VITAL SIGNS TAKEN

E14_01

Data Format [date/time]

Definition

Date/Time Vital Signs Taken

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration Yes, via structure

Accepts Null Yes, but null value is blank ****see notes**

Required in XSD No

Minimum Constraint 1,990

Maximum Constraint 2,030

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

Field Values

- Relevant Value for Data Element & Patient Care

Default Value

No Default

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
- date/time will be UTC +/- Z (zulu), in 24 hour time format and in YYYYMMDD date format

****Florida requires all date/time fields be recorded when applicable to the call**

Uses

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes but null value is blank.
Multi Entry	Yes
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	
Related Elements	05-02(PSAPCallTime), 05-07(AtPatient)
Additional Rules	<ul style="list-style-type: none"> • If 14-01(VitalSignsDT) has a value, 05-07(AtPatient) must have a value.

OBTAINED PRIOR TO THIS UNITS EMS CARE

E14_02

Data [combo] single-choice

Definition

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

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

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

Field Values

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

Default Value

-20 Not Recorded

Additional Information

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

Vendors are requested to use this element as a trigger to auto populate E09 01, Prior Aid

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	14-01 (VitalSignsDT)
Additional Rules	

CARDIAC RHYTHM

E14_03

Data Format [combo] multiple-choice

Definition

The cardiac rhythm of the patient as interpreted by EMS personnel

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

Required in XSD No

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

Field Values

- 3005 12 Lead ECG-Anterior Ischemia (N STEMI)
- 3010 12 Lead ECG-Inferior Ischemia (N STEMI)
- 3020 Agonal/Idioventricular
- 3030 Asystole
- 3040 AV Block-1st Degree
- 3050 AV Block-2nd Degree-Type 2
- 3060 Junctional
- 3070 Normal Sinus Rhythm
- 3080 Paced Rhythm
- 3090 Premature Atrial Contractions
- 3100 Right Bundle Branch Block
- 3110 Sinus Bradycardia
- 3120 Supraventricular Tachycardia
- 3130 Unknown AED Non-Shockable Rhythm
- 3140 Ventricular Fibrillation
- 30051 Anterior Ischemia – MI (STEMI)
- 30151 Lateral Ischemia – MI (STEMI)
- 3015 12 Lead ECG-Lateral Ischemia (N STEMI)
- 3025 Artifact
- 3035 Atrial Fibrillation/Flutter
- 3045 AV Block-2nd Degree-Type 1
- 3055 AV Block-3rd Degree
- 3065 Left Bundle Branch Block
- 3075 Other
- 3085 PEA
- 3095 Premature Ventricular Contractions
- 3105 Sinus Arrhythmia
- 3115 Sinus Tachycardia
- 3125 Torsades De Points
- 3135 Unknown AED Shockable Rhythm
- 3145 Ventricular Tachycardia
- 30101 Inferior Ischemia – MI (STEMI)

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	14-01 (VitalSignsDT)
Additional Rules	If 14-03(CardiacRythm) has value other than -20, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

--	--

SBP (SYSTOLIC BLOOD PRESSURE)

E14_04

Data Format [number]

Definition

The patient's systolic blood pressure

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *SBP*

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

Required in XSD No **Minimum Constraint** 0 **Maximum Constraint** 400

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	0
Max value	400
Acceptable Field Values	
Related Elements	
Additional Rules	If 14-04(SBP) has a value, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

DBP (DIASTOLIC BLOOD PRESSURE)

E14_05

Data Format [number]

Definition

The patient's diastolic blood pressure

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *DBP*

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

Required in XSD No

Minimum Constraint 0

Maximum Constraint 300

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

Field Values

- Relevant Value for Data Element & Patient Care.

Additional Information

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

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	0
Max value	300
Acceptable Field Values	
Related Elements	
Additional Rules	If 14-05(DBP) has a value, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

PULSE RATE

E14_07

Data Format [number]

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *PulseRate*

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	0
Max value	500
Acceptable Field Values	
Related Elements	
Additional Rules	If 14-07(PulseRate) has a value, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

PULSE OXIMETRY

E14_09

Data Format [number]

Definition

The patient's oxygen saturation

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *PulseOximetry*

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	0
Max value	100
Acceptable Field Values	
Related Elements	
Additional Rules	If 14-09(PulseOximetry) has a value, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

RESPIRATORY RATE

E14_11

Data Format [number]

Definition

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

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Could be collected from Device Respiratory Rate (E21_16)

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, null value is blank or empty
Multi Entry	Yes
Min value	0
Max value	100
Acceptable Field Values	
Related Elements	
Additional Rules	If 14-11(RespiratoryRate) has a value, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

RESPIRATORY EFFORT

E14_12

Data Format [text]

Definition

The patient's respiratory effort

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

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

Required in XSD No

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

Field Values

3185 Normal

3190 Labored

3200 Absent

3195 Fatigued

3205 Not Assessed

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	If 14-12(RespiratoryEffort) has value other than -20, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

CARBON DIOXIDE

E14_13

Data Format [number]

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *CO2*
Multiple Entry Configuration Yes, via structure **Accepts Null** 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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	0
Max value	100
Acceptable Field Values	
Related Elements	
Additional Rules	If 14-13(CO2) has a value, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

BLOOD GLUCOSE LEVEL

E14_14

Data Format [number]

Definition

The patient's blood glucose level

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Or

999 High

Additional Information

- Actual numeric values should be entered where possible. Where the medical device returns a reading of “High”, the technician will enter the numeric value of “999” in this field; the EMSTARS database will receive the 999 value but display the textual High in output screens & reports

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes but null value is blank or empty
Multi Entry	Yes
Min value	0
Max value	2000
Acceptable Field Values	
Related Elements	
Additional Rules	If 14-14(BloodGlucoseLevel) has a value, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

TOTAL GLASGOW COMA SCORE

E14_19

Data Format [number]

Definition

The patient's total Glasgow Coma Score

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *TotalGCS*
Multiple Entry Configuration Yes, via structure **Accepts Null** Yes, but null value is blank or empty
Required in XSD No **Minimum Constraint** 3 **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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	3
Max value	15
Acceptable Field Values	Some value between 3 and 15 OR blank
Related Elements	14_01(VitalSignsDT)
Additional Rules	If 14_19(GlasgowComaScore) Not blank, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

LEVEL OF RESPONSIVENESS

E14_22

Data Format [combo] single-choice

Definition

The patients level of responsiveness

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

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

Required in XSD No

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

Field Values

3255 Alert

3260 Verbal

3270 Unresponsive

3265 Painful

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	If 14_22(LevelOfResponsiveness) Not = -20, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

PAIN SCALE

E14_23

Data Format [number]

Definition

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

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

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Number from 0 to 10

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	0
Max value	10
Acceptable Field Values	Some value between 0 and 10 OR blank
Related Elements	
Additional Rules	If 14_23(PainScale) Not blank, 14-01(VitalSignsDT) must have a value or 14-02(ObtainedPrior) must equal 1 (Yes)

DATE/TIME MEDICATION ADMINISTERED

E18_01

Data Format [date/time]

Definition

The date/time medication administered to the patient

XSD Data Type *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*
Multiple Entry Configuration Yes, via structure **Accepts Null** Yes, but null value is blank or empty
Required in XSD No **Minimum Constraint** 1,990 **Maximum Constraint** 2,030
 XSD Structure: All data elements section E18 are members of the E18 Medication Structure

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- This is a multiple entry configuration which will allow multiple medication administrations to be documented

Uses

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If 18_01(MedDateTime) exist then 18_02(MedPrior) = 0 OR 1 • If 18_02(MedPrior) = 0 AND 18_03(MedGiven) NOT = -20 then 18_01(MedDateTime) must exist

MEDICATION ADMINISTERED PRIOR TO THIS UNITS EMS CARE

E18_02

Data Format [combo] single-choice

Definition

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

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

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

Required in XSD No

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

Field Values

0 No

1 Yes

Default Value

-20 Not Recorded

Additional Information

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

Vendors are requested to use this element as a trigger to auto populate E09 01, Prior Aid

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

Validation Rules:

Data Type	String
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	18_01 (MedDateTime)
Additional Rules	<ul style="list-style-type: none"> • If 18_01 (MedDateTime) exist then 18_02 (MedPrior) must equal 0 OR 1

MEDICATION GIVEN

E18_03

Data Format [combo] single-choice

National Element

Definition

The medication given to the patient

XSD Data Type *xs:string*

XSD Domain (Simple Type) *MedicationsGiven*

Multiple Entry Configuration Yes, via structure

Accepts Null 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

5000 Other - Not Listed	
4600 Activated Charcoal	4605 Magnesium Sulfate
4610 Adenosime	4615 Mannitol
4620 Albuterol	4625 Meperidine
4630 Amiodarone	4635 Metaproterenol
4640 Amyl Nitrite	4645 Methylprednisolone
4650 Aspirin	4655 Metoprolol
4660 Atenolol	4665 Midazolam Hydrochloride
4670 Atropine Sulfate	4675 Morphine Sulfate
4680 Butorphanol	4685 Naloxone
4690 Calcium Chloride	4695 Nitroglycerine
4700 Dexamethasone	4705 Nitroglycerine Paste
4710 Dextrose 50%	4715 Nitrous Oxide/Oxygen
4720 Diazepam	4725 Norepinephrine
4730 Diltiazem	4735 Oxygen
4740 Diphenhydramine	4745 Oxytocin
4750 Dobutamine	4755 Pancuronium
4760 Droperidol	4765 Phenergan
4770 Epinephrine 1:10,000	4775 Phenytoin
4780 Epinephrine 1:1000	4785 Pralidoxime
4790 Etomidate	4795 Procardia
4800 Fentanyl	4805 Propranolol
4810 Flumazenil	4815 Racemic Epinephrine
4820 Furosemide	4825 Reteplase
4830 Glucagon	4835 Sodium Bicarbonate
4840 Haloperidol Lactate	4845 Streptokinase
4850 Heparin Sodium	4855 Succinylcholine
4860 Ipratropium Bromide	4865 Syrup of Ipecac
4870 Isoproterenol	4875 Tetracaine
4880 Labetalol	4885 Thiamine
4890 Lidocaine	4895 Tissue Plasminogen Activator
4900 Lidocaine Drip	4905 Vasopressin
4910 Lorazepam	4915 Verapamil

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	String
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	18_03(MedGiven)
Additional Rules	<ul style="list-style-type: none"> • If 18_01(MedDateTime) exist then 18_03(MedGiven) NOT = -20 • If 18_03(MedGiven) NOT = -20 and 18_02 = 'No' then 18_04(MedRoute) NOT = -20 18_06(MedDosageUnits) NOT = -20 18_08(MedComplication) NOT = -20

MEDICATION ADMINISTERED ROUTE

E18_04

Data Format [combo] single-choice

Definition

The route that the medication was administered to the patient.

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

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

Required in XSD No

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

Field Values

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

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	18_03(MedGiven)
Additional Rules	<ul style="list-style-type: none"> • If 18_04(MedRoute) NOT = -20 then 18_03(MedGiven) NOT = -20

MEDICATION DOSAGE

E18_05

Data Format [number]

Definition

The dose or amount of medication given to the patient

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *MedicationDosage*

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

Required in XSD No **Minimum Constraint** 0 **Maximum Constraint** 1,000,000

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

Field Values

- Relevant Value for Data Element & Patient Care

Default Value

0

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

Validation Rules:

Data Type	Decimal
Null Allowed	No
Multi Entry	Yes
Min value	0
Max value	1,000,000
Acceptable Field Values	Some value between 0 and 1,000,000
Related Elements	18_03(MedGiven)
Additional Rules	<ul style="list-style-type: none"> • If 18_05(MedDosage) > 0 then 18_03(MedGiven) NOT = -20

MEDICATION DOSAGE UNITS

E18_06

Data Format [combo] single-choice

Definition

The units of medication dosage given to patient

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

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

Default Value

Agency Preferred Value

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

Validation Rules:

Data Type	Integer
Null Allowed	No
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From List above
Related Elements	
Additional Rules	

MEDICATION COMPLICATION

E18_08

Data Format [combo] multiple-choice

National Element

Definition

Any complication (abnormal effect on the patient) associated with the administration of the medication to the patient by EMS

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

Multiple Entry Configuration (1) Yes, via structure. (2) Yes **Accepts Null** 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

- | | |
|------------------------|----------------------------|
| 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 |

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	18_03(MedGiven)
Additional Rules	<ul style="list-style-type: none"> • If 18_08(MedComplication) NOT = -20 then 18_03(MedGiven) NOT = -20

DATE/TIME PROCEDURE PERFORMED

E19_01

Data Format [date/time]

Definition

The date and time the procedure was performed on the patient

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration Yes, via structure

Accepts Null

Yes, but null value is blank or empty

Required in XSD No

Minimum Constraint 1,990

Maximum Constraint 2,030

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- This is a multiple entry configuration which will allow for multiple procedures to be documented

Uses

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

Validation Rules:

Data Type	dateTime
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If 19_01(ProcDateTime) exist then 19_02(ProcPrior) = 0 OR 1 • If 19_02(ProcPrior) = 0 AND 19_03(Procedure) NOT = -20 then 19_01(ProcDateTime) must exist

PROCEDURE

E19_03

Data Format [combo] single-choice

National Element

Definition

The procedure performed on the patient.

XSD Data Type *xs:decimal* **XSD Domain (Simple Type)** *Procedure*
Multiple Entry Configuration Yes, via structure **Accepts Null** Yes
Required in XSD Yes **Minimum Constraint** 0 **Maximum Constraint** 1,000
 XSD Structure: Data Elements E19_01 through E19_11 are all members of E19_01_0 Procedure Structure

Field Values

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	decimal
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	19_01(ProcDateTime)
Additional Rules	<ul style="list-style-type: none"> • If 19_01(ProcDateTime) exist then 19_03(Procedure) NOT = -20 • If 19_03(Procedure) NOT = -20 then 19_05(NoOfProc) NOT = -20 19_06(Successful) NOT = 20 19_07(Complication) NOT = -20 19_08(Response) NOT = -20 • If 19_03(Procedure) equal 96.040, 96.041, 96.042, 31.120 then 19_13(TubeConfirmation) AND 19_14(TubeLocation) NOT = -20

NUMBER OF PROCEDURE ATTEMPTS

E19_05

Data Format [number]

National Element

Definition

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

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

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

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	19_03(Procedure)
Additional Rules	<ul style="list-style-type: none"> • If 19_05(NoOfProc) NOT= -20 then 19_03(Procedure) NOT= -20

PROCEDURE COMPLICATION

E19_07

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer* **XSD Domain (Simple Type)** *ProcedureComplication*
Multiple Entry Configuration (1) Yes, via structure. (2) Yes **Accepts Null** Yes
 for each E19_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

- | | |
|--|----------------------------------|
| 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 |

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	19_03(Procedure)
Additional Rules	<ul style="list-style-type: none"> • If 19_07(Complication) NOT= -20 then 19_03(Procedure) NOT= -20

RESPONSE TO PROCEDURE

E19_08

Data Format [combo] single-choice

Definition

The patient's response to the procedure

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

Multiple Entry Configuration Yes, via structure **Accepts Null** 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 4600 Improved
4605 Unchanged 4610 Worse

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	19_03(Procedure)
Additional Rules	<ul style="list-style-type: none"> • If 19_08(Response) NOT= -20 then 19_03(Procedure) NOT= -20

TUBE CONFIRMATION

E19_13

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

Field Values

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

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	19_03(Procedure), 19_14(TubeLocation)
Additional Rules	<ul style="list-style-type: none"> • If 19_13(Procedure) NOT= -20 then 19_03(Procedure) should equal 96.040, 96.041, 96.042, 31.120 19_14(TubeLocation) NOT= -20

CONFIRMATION OF TUBE PLACEMENT UPON TRANSFER OF CARE

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

Field Values

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

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	19_03(Procedure), 19_13(TubeConfirmation)
Additional Rules	<ul style="list-style-type: none"> • If 19_14(TubeLocation) NOT= -20 then 19_03(Procedure) should equal 96.040, 96.041, 96.042, 31.120 19_13(TubeConfirmation) NOT= -20

DESTINATION/TRANSFERRED TO, CODE

E20_02

Data Format [text]

Definition

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

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

Field Values

- Relevant Value for Data Element & Patient Care (facility code or EMS agency ID)

5070 Other

Default Value

-20 Not Recorded

Additional Information

- Could be an editable single choice list box derived from Hospitals Served (D04_12) and Other Destinations (D04_14).

This list also includes other EMS agencies to which care is transferred.

Use the field value, "other", for destinations with no code.

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

Validation Rules:

Data Type	String
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_10(AtDestination)
Additional Rules	<ul style="list-style-type: none"> • If 05_10(AtDestination) exist then 20_02(DestinationCode) NOT -20

DESTINATION ZIP CODE

E20_07

Data Format [text]

National Element

Definition

The destination zip code in which the patient was delivered or transferred to. A valid 5 – 10 character postal code in the US or foreign country.

XSD Data Type *xs:string*

XSD Domain (Simple Type) *Zip*

Multiple Entry Configuration No

Accepts Null 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

- Relevant Value for Data Element & Patient Care

-25 Not Applicable

Default Value

-20 Not Recorded

Additional Information

- Can be 5 or 9 digit Zip Code
- This refers to when the destination is a fixed location. If not, use 'Not Applicable'.

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

Validation Rules:

Data Type	String
Null Allowed	Yes
Multi Entry	No
Min value	2
Max value	10
Acceptable Field Values	From list above
Related Elements	20_10(IncidentPatientDisp)
Additional Rules	

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 *xs:integer* **XSD Domain (Simple Type)** *IncidentPatientDisposition*
Multiple Entry Configuration No **Accepts Null** 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 |
| 48351 Treated and Refused Transport | |

Default Value

Agency Specific from list above

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

Validation Rules:

Data Type	Integer
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	20_10(IncidentPatientDisp)
Additional Rules	<ul style="list-style-type: none"> • If 20_10(IncidentPatientDisp) = 4850 then 20_16(Reason) should not be -20 20_07(DestinationZip) should not be -20 05_10(AtDestination) should not be blank • NOTE: This element must be filled out on every call

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

Multiple Entry Configuration No **Accepts Null** Yes

Required in XSD Yes

Field Values

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

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	20_10(IncidentPatientDisp)
Additional Rules	If 20_10(IncidentPatientDisp) = 4850 then 20_14 (TransportMode) should not be -20

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

Field Values

4975 Improved 4985 Worse
 4980 Unchanged

Default Value

-20 Not Recorded

Uses

- Outcome indicator
- Part of an EMS Medical Record
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	20_02(DestinationCode), 20_10(IncidentPatientDisp)
Additional Rules	<ul style="list-style-type: none"> • If 20_02(DestinationCode) NOT= -20 then 20_15 (PatientCondition) should not be -20 • If 20_10(IncidentPatientDisp) = 4850 then 20_15 (PatientCondition) should not be -20

REASON FOR CHOOSING DESTINATION

E20_16

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 *xs:integer*

XSD Domain (Simple Type) *ReasonForChoosingDestination*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

4990 Closest Facility (none below)

5000 Family Choice

5010 Law Enforcement Choice

5020 Other

5030 Patient's Physicians Choice

5040 Specialty Resource Center

4995 Diversion

5005 Insurance Status

5015 On-Line Medical Direction

5025 Patient Choice

5035 Protocol

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	20_02(DestinationCode), 20_10(IncidentPatientDisp)
Additional Rules	<ul style="list-style-type: none"> • If 20_02(DestinationCode) NOT= -20 then 20_16(Reason) should not be -20 • If 20_10(IncidentPatientDisp) = 4850 then 20_16(Reason) should not be -20

TYPE OF DESTINATION

E20_17

Data Format [combo] single-choice

National Element

Definition

The type of destination the patient was delivered or transferred to

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *TypeOfDestination*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

7270 Home

7280 Hospital

7300 Morgue

7330 Other

7350 Other EMS Responder (ground)

7290 Medical Office/Clinic

7320 Nursing Home

7340 Other EMS Responder (air)

7360 Police/Jail

Default Value

-20 Not Recorded

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	20_10(IncidentPatientDisp)
Additional Rules	<ul style="list-style-type: none"> • If 20_10(IncidentPatientDisp) = 4850 then 20_17(DestinationType) should not be -20

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

Multiple Entry Configuration No **Accepts Null** Yes

Required in XSD Yes

Field Values

- | | |
|---------------------------------|---|
| 5335 Admitted to Hospital Floor | 5340 Admitted to Hospital ICU |
| 5345 Death | 5350 Not Applicable (Not Transported to ED) |
| 5355 Released | 5360 Transferred |
| -10 Not Known | |

Default Value

-20 Not Recorded

Uses

- Allows data to be sorted based on the EMS patient outcome
- Allows data to describe EMS patient outcome

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	

HOSPITAL DISPOSITION

E22_02

Data Format [combo] single-choice

National Element

Definition

Indication of how the patient was dispositioned from the hospital, if admitted.

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

Field Values

5365 Death	5370 Discharged
5375 Transfer to Hospital	5380 Transfer to Nursing Home
5385 Transfer to Other	5390 Transfer to Rehabilitation Facility
-10 Not Known	

Default Value

-20 Not Recorded

Uses

- Allows data to be sorted based on the EMS patient outcome
- Allows data to describe EMS patient outcome

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	

ALERT TYPE

E23_09

Data Format [combo] single-choice

Florida Custom Element

Definition

The type of alert that was called based on Florida EMS criteria.

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

Field Values

9010 Trauma Alert **9015** Stroke Alert
9020 Cardiac Alert **9025** Mass Casualty Incident

Default Value

-20 Not Recorded

Uses

- Used to filter calls based on alert that was called for the particular run

Validation Rules:

Data Type	
Null Allowed	
Multi Entry	
Min value	
Max value	
Acceptable Field Values	
Related Elements	
Additional Rules	

RESEARCH SURVEY FIELD TITLE

E23_11

Data [text]

Definition

A customizable field to be used by local agencies for additional documentation or research. This field relates to E23_09, Florida Alert Type

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- A multiple entry configuration to allow multiple Research Survey Fields
- This field relates to E23_09, Florida Alert Type
- This is not a selectable field. It will always be populated with Florida Alert Type with corresponding vales in 23_09

Uses

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

EMS AGENCY NUMBER

D01_01

Data Format [text]

National Element

Definition

The state-assigned provider number of the responding agency

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

Default Value

Relevant field value / Agency Specific

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	3
Max value	15
Acceptable Field Values	The ProviderID of a particular Agency that has a valid License from the State
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D01_02(AgencyName) Must Have a value D01_03(AgencyState) Must Have a value D01_04(AgencyCounty) Must Have a value D01_05(TypeOfService) Must Have a value D01_07(LevelOfService) Must Have a value D01_08(OrganizationalType) Must Have a value D01_09(OrganizationStatus) Must Have a value

EMS AGENCY NAME

D01_02

Data Format [text]

Definition

The formal name of the agency

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

Field Values

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	50
Acceptable Field Values	
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_02(AgencyName) exist then D01_01(EMSAgencyNo) Must Have a value

EMS AGENCY STATE

D01_03

Data Format [combo] multiple-choice

National Element

Definition

The state in which the Agency provides services

XSD Data Type *xs:string*

XSD Domain (Simple Type) *AgencyState*

Multiple Entry Configuration Yes

Accepts Null No

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 2

Field Values

- Appropriate 2 digit FIPS code

Additional Information

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

Default Value

FIPS numeric code for Florida; which is 12

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	Yes
Min value	2
Max value	2
Acceptable Field Values	A valid FIPS numeric code
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_03(AgencyState) exist then D01_01(EMSAgencyNo) Must Have a value

EMS AGENCY COUNTY

D01_04

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *AgencyCounty*

Multiple Entry Configuration Yes

Accepts Null No

Required in XSD Yes

Minimum Constraint 5

Maximum Constraint 5

Field Values

- Appropriate 5 digit FIPS code

Default Value

Relevant FIPS code value

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	Yes
Min value	5
Max value	5
Acceptable Field Values	A valid 5 digit FIPS numeric code (Not State abbreviation)
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_04(AgencyCounty) exist then D01_01(EMSAgencyNo) Must Have a value • Format for this element is FL FIPS = '12ddd' Where ddd is the FIPS numerical digit for some county in Florida.

PRIMARY TYPE OF SERVICE

D01_05

Data Format [combo] single-choice

Definition

The primary service type provided by the agency

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

Field Values

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

Default Value

Relevant field value / Agency Specific

Uses

- Important for grouping or comparing EMS Agencies

Validation Rules:

Data Type	Integer
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From List above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_05(TypeOfService) exist then D01_01(EMSAgencyNo) Must Have a value

LEVEL OF SERVICE

D01_07

Data Format [combo] single-choice

National Element

Definition

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

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

Field Values

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

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

Default Value

Relevant field value / Agency Specific

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	30
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_07(LevelOfService) exist then D01_01(EMSAgencyNo) Must Have a value

ORGANIZATIONAL TYPE

D01_08

Data Format [combo] single-choice

National Element

Definition

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

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_08(OrganizationalType) exist then D01_01(EMSAgencyNo) must Have a value

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 *xs:integer*

XSD Domain (Simple Type) *OrganizationStatus*

Multiple Entry Configuration No

Accepts Null No

Required in XSD Yes

Field Values

5870 Mixed

5880 Non-Volunteer

5890 Volunteer

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_09(OrganizationalStatus) exist then D01_01(EMSAgencyNo) must Have a value

STATISTICAL YEAR

D01_10

Data Format [date/time]

National Element

Definition

The “previous” calendar year to which the information pertains.

XSD Data Type *xs:gYear*

XSD Domain (Simple Type) *StatisticalYear*

Multiple Entry Configuration Yes, via structure

Accepts Null No

Required in XSD Yes

Minimum Constraint 1,990 Maximum Constraint 2,030

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0 Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

- Associates a year with statistical data to improve reporting capabilities

Validation Rules:

Data Type	Date.Year
Null Allowed	No
Multi Entry	Yes
Min value	01/01/1990
Max value	12/31/2030
Acceptable Field Values	Some date value greater than or equal to current year - 7 and less than or equal to current year - 1
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_10(StatisticalYear) exist then D01_01(EMSAgencyNo) must Have a value

TOTAL SERVICE SIZE AREA

D01_12

Data Format [number]

National Element

Definition

The total square miles in the agency's service area

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

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

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

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0 Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	1
Max value	100,000,000
Acceptable Field Values	Some value between 1 and 100,000,000 OR blank
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_12(ServiceSizeArea) exist then D01_01(EMSAgencyNo) must Have a value

TOTAL SERVICE AREA POPULATION

D01_13

Data Format [number]

National Element

Definition

The total population in the agency's service area based on year **the most current year census data available**. This number does not include population changes associated with daily work flow or seasonal movements

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

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

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

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0 Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Baseline data should be taken from the **the most current year census data available**
- Multiple entry configuration to allow statistical data to be entered yearly

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	1
Max value	Less than 20,000,000 (Approximate Florida Total population + 4 million)
Acceptable Field Values	Some value between 1 and less than 20,000,000 OR blank
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_13(ServiceAreaPopulation) exist then D01_01(EMSAgencyNo) Must Have a value

911 CALL VOLUME PER YEAR

D01_14

Data Format [number]

National Element

Definition

The number of 911 EMS calls for the **previous** calendar year

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

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

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

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0 Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow statistical data to be entered yearly
- The year in reference will be the Calendar year

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	1
Max value	Less than D01_13 [20,000,000 (Approximate Florida Total population + 4 million)]
Acceptable Field Values	Some value between 1 and less than D01_13 [20,000,00] OR blank
Related Elements	D01_01(EMSAgencyNo), D01_13(ServiceAreaPopulation)
Additional Rules	<ul style="list-style-type: none"> • If D01_14(911CallVolume) exist then D01_01(EMSAgencyNo) Must Have a value

EMS DISPATCH VOLUME PER YEAR

D01_15

Data Format [number]

National Element

Definition

The number of EMS dispatches for the **previous** calendar year

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

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

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

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0 Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow statistical data to be entered yearly
- The year in reference will be the Calendar year

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	1
Max value	Less than D01_13 [20,000,000 (Approximate Florida Total population + 4 million)]
Acceptable Field Values	Some value between 1 and less than D01_13 [20,000,00]
Related Elements	D01_01(EMSAgencyNo), D01_13(ServiceAreaPopulation)
Additional Rules	<ul style="list-style-type: none"> • If D01_15(DispatchVolumePerYear) exist then D01_01(EMSAgencyNo) Must Have a value • NEVER BLANK

EMS TRANSPORT VOLUME PER YEAR

D01_16

Data Format [number]

National Element

Definition

The number of EMS transports for the **previous** calendar year

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

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

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

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0 Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow statistical data to be entered yearly
- The year in reference will be the Calendar year

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	1
Max value	Less than D01_13 [20,000,000 (Approximate Florida Total population + 4 million)]
Acceptable Field Values	Some value between 1 and less than D01_13 [20,000,00] OR blank
Related Elements	D01_01(EMSAgencyNo), D01_13(ServiceAreaPopulation)
Additional Rules	<ul style="list-style-type: none"> • If D01_16(TransportVolumePerYear) exist then D01_01(EMSAgencyNo) Must Have a value

EMS PATIENT CONTACT VOLUME PER YEAR

D01_17

Data Format [number]

National Element

Definition

The number of EMS patient contacts for the **previous** calendar year

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

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

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

XSD Structure: D01_10, D01_12, D01_13, D01_14, D01_15, D01_16, D01_17, and D01_18 are all members of D1_10_0 Statistical Year Structure

Field Values

A unique value; no variable list is possible.

Additional Information

- Multiple entry configuration to allow statistical data to be entered yearly
- The year in reference will be the **previous calendar year**

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes, but null value is blank or empty
Multi Entry	Yes
Min value	1
Max value	Less than D01_13 [20,000,000 (Approximate Florida Total population + 4 million)]
Acceptable Field Values	Some value between 1 and less than D01_16 OR less than D01_13* [20,000,00] OR blank
Related Elements	D01_01(EMSAgencyNo), D01_13(ServiceAreaPopulation), D01_16(TransportVolumePerYear)
Additional Rules	<ul style="list-style-type: none"> • If D01_17(ContactVolumePerYear) exist then D01_01(EMSAgencyNo) Must Have a value • If D01_16(TransportVolumePerYear) Not blank then D01_17 (ContactVolumePerYear) >= D01_16(TransportVolumePerYear) • If D01_16(TransportVolumePerYear) IS blank then D01_17 (ContactVolumePerYear) >= D01_16(TransportVolumePerYear)

EMS AGENCY TIME ZONE

D01_19

Data Format [text]

National Element

Definition

The time zone for the EMS Agency

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *EMSAgencyTimeZone*

Multiple Entry Configuration No

Accepts Null No

Required in XSD Yes

Field Values

5950 GMT-06:00 Central Time

5960 GMT-05:00 Eastern Time

Default Value

Relevant field value / Agency Specific

Uses

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

Data Collector

Validation Rules:

Data Type	Integer
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> If D01_19(AgencyTimeZone) exist then D01_01(EMSAgencyNo) Must Have a value

NATIONAL PROVIDER IDENTIFIER

D01_21

Data Format [text]

National Element

Definition

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

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *NationalProviderIdentifier*
Multiple Entry Configuration No **Accepts Null** Yes
Required in XSD Yes **Minimum Constraint** 3 **Maximum Constraint** 10

Field Values

- 20 Not Recorded
- Value for Agencies National Provider Identifier

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

- Important for HIPAA related transactions such as electronic claims processing

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	3
Max value	10
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> • If D01_21(ProviderIdentifier) exist then D01_01(EMSAgencyNo) Must Have a value

AGENCY CONTACT LAST NAME

D02_01

Data Format [text]

Definition

The Last Name of the agency's primary contact.

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

Field Values

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

This field refers to the main contact person for the provider agency such as Chief, Div Chief, Director, etc.

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	20
Acceptable Field Values	Alpha entry with length between 2 and 20
Related Elements	D01_01
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D02_01(ContactLastname) Must Have a value

AGENCY CONTACT FIRST NAME

D02_03

Data Format [text]

Definition

The First Name of the agency's primary contact.

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

Field Values

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

This field refers to the main contact person for the provider agency such as Chief, Div Chief, Director, etc.

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	20
Acceptable Field Values	Alpha entry with length between 2 and 20
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D02_03(ContactFirstName) Must Have a value

AGENCY CONTACT ADDRESS

D02_04

Data Format [text]

Definition

The Agency contact's **location** or mailing address.

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *StreetAddress*
Multiple Entry Configuration No **Accepts Null** No
Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 30
 XSD Structure: D02_04, D02_05, D02_06, and D02_07 are all members of D02_04_0 Agency Contract Address

Field Values

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

This field refers to the **primary mailing address** for the provider agency

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	30
Acceptable Field Values	Alphanumeric entry with length between 2 and 30
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D02_04 (ContactAddress) Must Have a value

AGENCY CONTACT CITY

D02_05

Data Format [combo] single-choice

Definition

The city of the Agency contact's mailing address.

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

XSD Structure: D02_04, D02_05, D02_06, and D02_07 are all members of D02_04_0 Agency Contract Address

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant FIPS code for agency

This field refers to the **primary mailing address** for the provider agency

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	30
Acceptable Field Values	A valid 5 digit FIPS numeric code
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D02_05(ContactCity) Must Have a value

AGENCY CONTACT STATE

D02_06

Data Format [combo] single-choice

Definition

The state of the Agency contact's mailing address.

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

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

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

Default Value

Relevant FIPS code for agency

This field refers to the **primary mailing address** for the provider agency

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	2
Acceptable Field Values	A valid 2 digit FIPS numeric code
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D02_06 (ContactState) Must Have a value

AGENCY CONTACT ZIP CODE

D02_07

Data Format [text]

National Element

Definition

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

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

Default Value

Relevant field value / Agency Specific

This field refers to the **primary mailing address** for the provider agency

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	5
Max value	10
Acceptable Field Values	Numeric entry with length between 5 and 10
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D02_07(ContactZipCode) Must Have a value

AGENCY CONTACT TELEPHONE NUMBER

D02_08

Data Format [text]

Definition

The primary phone number of the Agency contact.

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

Field Values

A unique value; no variable list is possible.

Additional Information

- 10 digit telephone number

Default Value

Relevant field value / Agency Specific

This field refers to the **primary telephone number** for the provider agency

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	10
Acceptable Field Values	Numeric entry with length between 2 and 10
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D02_08(ContactPhone) Must Have a value

AGENCY CONTACT FAX NUMBER

D02_09

Data Format [text]

Definition

The primary fax number of the Agency contact.

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

Field Values

A unique value; no variable list is possible. -20 Not Recorded

Additional Information

- 10 digit telephone number

Default Value

Relevant field value / Agency Specific

This field refers to the **primary fax number** for the provider agency

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	Yes
Min value	2
Max value	10
Acceptable Field Values	Numeric entry with length between 2 and 10
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D02_09(ContactFax) Must Have a value

AGENCY CONTACT EMAIL ADDRESS

D02_10

Data Format [text]

Definition

The primary email address of the Agency contact.

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

Field Values

A unique value; no variable list is possible. -20 Not Recorded

Default Value

Relevant field value / Agency Specific

This field refers to the email address for the main contact person listed in D02_01

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	Yes
Min value	2
Max value	100
Acceptable Field Values	Alphanumeric entry with length between 2 and 100
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D02_10(ContactEmail) Must Have a value

AGENCY MEDICAL DIRECTOR LAST NAME

D03_01

Data Format [text]

Definition

The Last Name of the Agency's Medical Director

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *DemographicLastName*
Multiple Entry Configuration No **Accepts Null** No
Required in XSD No **Minimum Constraint** 2 **Maximum Constraint** 20
 XSD Structure: D03_01, D03_02, and D03_03 are all members of D03_01_0 Agency Medical Director Name

Field Values

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	20
Acceptable Field Values	Alpha entry with length between 2 and 20
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D03_01(DirectorLastname) Must Have a value

AGENCY MEDICAL DIRECTOR FIRST NAME

D03_03

Data Format [text]

Definition

The First Name of the Agency's Medical Director

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

Field Values

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	1
Max value	20
Acceptable Field Values	Alpha entry with length between 1 and 20
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D03_03(DirectorFirstName) Must Have a value

AGENCY MEDICAL DIRECTOR ADDRESS

D03_04

Data Format [text]

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *StreetAddress*

Multiple Entry Configuration No

Accepts Null No

Required in XSD No

Minimum Constraint 2

Maximum Constraint 30

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

Field Values

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	30
Acceptable Field Values	Alphanumeric entry with length between 2 and 30
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D03_04(DirectorAddress) Must Have a value

AGENCY MEDICAL DIRECTOR CITY

D03_05

Data Format [combo] single-choice

Definition

The city of the Agency medical director's mailing address

XSD Data Type *xs:string*

XSD Domain (Simple Type) *City*

Multiple Entry Configuration No

Accepts Null No

Required in XSD No

Minimum Constraint 2

Maximum Constraint 30

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant FIPS code for agency

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	30
Acceptable Field Values	A valid 5 digit FIPS numeric code
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D03_05(DirectorCity) Must Have a value

AGENCY MEDICAL DIRECTOR STATE

D03_06

Data Format [combo] single-choice

Definition

The state of the Agency medical director's **mailing address**

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

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant FIPS code for agency

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	NO
Min value	2
Max value	2
Acceptable Field Values	A valid 2 digit FIPS numeric code
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D03_06(DirectorState) Must Have a value

AGENCY MEDICAL DIRECTOR ZIP CODE

D03_07

Data Format [text]

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *DemographicZip*

Multiple Entry Configuration No

Accepts Null No

Required in XSD No

Minimum Constraint 5

Maximum Constraint 10

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

Field Values

A unique value; no variable list is possible.

Additional Information

- Can be a 5 or 9 digit Zip Code

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	NO
Min value	5
Max value	10
Acceptable Field Values	A valid Zip code
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D03_07(DirectorZipCode) Must Have a value • FORMAT should be ddddd OR ddddd-dddd where d is some digit 0 - 9

AGENCY MEDICAL DIRECTOR TELEPHONE NUMBER

D03_08

Data Format [text]

Definition

The primary phone number of the Agency's medical director

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

Field Values

A unique value; no variable list is possible.

Additional Information

- 10 digit telephone number

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	NO
Min value	2
Max value	10
Acceptable Field Values	Numeric entry with length between 2 and 10
Related Elements	D01_01
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D03_08(DirectorPhone) Must Have a value

AGENCY MEDICAL DIRECTOR FAX NUMBER

D03_09

Data Format [text]

Definition

The primary fax number of the Agency's medical director

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

Field Values

A unique value; no variable list is possible. -20 Not Recorded

Additional Information

- 10 digit telephone number

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	Yes
Multi Entry	No
Min value	2
Max value	10
Acceptable Field Values	Numeric entry with length between 2 and 10
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D03_09(DirectorFax) Must Have a value

AGENCY MEDICAL DIRECTOR EMAIL ADDRESS

D03_11

Data Format [text]

Definition

The primary email address of the Agency's medical director

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

Field Values

A unique value; no variable list is possible. -20 Not Recorded

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	NO
Min value	2
Max value	100
Acceptable Field Values	Alphanumeric value between 2 and 100
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D03_11(DirectorEmail) Must Have a value

PROCEDURES

D04_04

Data Format [combo] multiple-choice

Definition

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

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

Field Values

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

41.921 Venous Access-Intraosseous Pediatric	39.996 Venous Access-Subclavian Line
89.640 Venous Access-Swan Ganz Maintenance	93.057 Wound Care
96.03 Airway – King Tube	93.57 Burn Sheet or Occlusive Dressing
93.52 C-collar or cervical immobilization	93.59 CPR Board or KED
93.93 Airway – Mouth-to-mouth	96.59 Irrigation of Wound
96.51 Irrigation of Eyes	99.69 Valsalva Maneuver
89.51 3-lead ECG	89.52 4-lead ECG
74.0 C-Section (removal of fetus)	94.19 Psychological First Aid
39.96 Fluid challenge/Volume replacement	39.98 Bleeding control
86.09 Escharotomy	
937.9 Sedation	96.7901 Impedance Threshold Device (ITD)
89.55 Acoustic Cardiology	

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Decimal
Null Allowed	No
Multi Entry	Yes
Min value	0
Max value	1000
Acceptable Field Values	From list above
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D04_04(Procedures) Must Have a value

PROTOCOL

D04_08

Data Format [text] multiple-entry

Definition

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

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

Field Values

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

Additional Information

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

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	No
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D04_08(Protocol) Must Have a value

HOSPITAL FACILITY NUMBER

D04_12

Data Format [text]

Definition

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

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

Field Values

A unique value; no variable list is possible. -25 Not Applicable
 -10 Not Known -5 Not Available

Default Value

Relevant field value / Agency Specific

Additional Information

- Multiple entry configuration to create a list box for Incident Facility Code (E08_08) and Destination Transferred to Code (E20_02)
- This field could also provide linkage to Hospitals Serverd (D04_11) which would allow a list box of Hospital Names to be used instead of entering the Code directly
- Facility codes provided by the Agency for Healthcare Administration will be used to populate this list; a provider agency may have all codes, or only those that apply to facilities in their area.

Uses

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

Validation Rules:

Data Type	String
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D04_12(HospitalfacilyNo) Must Have a value

DESTINATION FACILITY NUMBER

D04_14

Data Format [text]

Definition

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

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

Field Values

A unique value; no variable list is possible. -25 Not Applicable
 -10 Not Known -5 Not Available

Default Value

Relevant field value / Agency Specific

Additional Information

- Multiple entry configuration to create a list box for Incident Facility Code (E8_08) and Destination Transferred to Code (E20_02)
- This field could also provide linkage to Other Destinations (D04_13) which would allow a list box of Other Destination Names to be used instead of entering the Code directly
- Facility codes provided by the Agency for Healthcare Administration will be used to populate this list; a provider agency may have all codes, or only those that apply to facilities in their area.

Uses

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

Validation Rules:

Data Type	String
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D04_14(DestinationFacilityNo) Must Have a value

STATE/LICENSURE ID NUMBER

D07_02

Data Format [text]

Definition

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

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *StateLicensureID*
Multiple Entry Configuration Yes, via structure **Accepts Null** Yes
Required in XSD Yes **Minimum Constraint** 2 **Maximum Constraint** 15

XSD Structure: (1) All Section D07 data elements are associated with D07_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07_02 State Licensure Number Structure

Field Values

A unique value; no variable list is possible.

Additional Information

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

The License Number supplied in this field must correspond to the role this person fulfils as indicated in D07_05; for example, if the person's role is indicated as "Nurse" in D07_05, then this field would be populated with the Nursing License.

This field does not apply to non-licensed staff.

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	Yes
Multi Entry	Yes
Min value	2
Max value	15
Acceptable Field Values	Some valid state licensure number with length between 2 and 15
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> If D01_01(EMSAgencyNo) exist then D07_02(StateLicensureID) Must Have a value

PERSONNEL'S EMPLOYMENT STATUS

D07_03

Data Format [combo] single-choice

Definition

Personnel's Employment Status for this Agency

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

Required in XSD No

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

Field Values

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

Additional Information

- Multiple entry configuration associated with Employment Status Date (D07_04)
 - This refers to the **current** status of the employee

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	No
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D07_03(EmploymentStatus) Must Have a value

EMPLOYMENT STATUS DATE

D07_04

Data Format [date/time]

Definition

The date that the employee status (in relation to D07_03) was assigned

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

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

Field Values

A unique value; no variable list is possible.

Additional Information

- Used to identify the effective date of the status
- This refers to the date the **current** employee status was assigned

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Date
Null Allowed	No
Multi Entry	Yes
Min value	01/01/1920
Max value	01/01/2030
Acceptable Field Values	Some date value greater than or equal
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D07_04(EmploymentStatusDate) Must Have a value

PERSONNEL'S LEVEL OF CERTIFICATION/LICENSURE FOR AGENCY

D07_05

Data Format [combo] single-choice

Definition

Personnel's **role fulfilled for the agency**

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

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

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

XSD Structure: (1) All Section D07 data elements are associated with D07_01 Personnel's Agency Number Structure. (2) All Section D08 data elements are associated with D07_02 State Licensure Number Structure. (3) D07_05 and D07_06 are members of D07_05_0 Level of Certification Structure

Field Values

6090 EMT-Basic

6110 EMT-Paramedic

6112 Physician

6111 Nurse

6120 First Responder

10101 Respiratory Therapist

10102 Physicians Assistant

10103 Nurse Practitioner

Additional Information

- Multiple entry configuration for each Personnel's Agency ID Number (D07_01) and associated with the Date of Personnel's Certification or Licensure for Agency (D07_06)
- Other variables as defined in State Certification/ Licensure Level (D04_01)
- Additional EMS Certification Licensure Levels may be added by each state if a level exists in the state different than the provided variables. If an additional level is added, the new variable should be stored and passed in the xml in text format providing the name of the level
- Other levels should be entered here as per state rules and regulations

This field refers to which **current** role the employee fulfils for the agency; for example, a Nurse may serve as an EMT-Paramedic for this agency; the value in this field should correspond to the license number indicated in D07_02

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	Yes
Min value	2
Max value	30
Acceptable Field Values	From list above
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D07_05(CertificationLevel) Must Have a value

EMS PERSONNEL'S LAST NAME

D08_01

Data Format [text]

Definition

Last Name of personnel

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

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

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

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

Field Values

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	Yes
Min value	2
Max value	20
Acceptable Field Values	Some Name with length between 2 and 20
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D08_01(PersonnelLastname) Must Have a value

EMS PERSONNEL'S MIDDLE NAME/INITIAL

D08_02

Data Format [text]

Definition

Middle initial of personnel

XSD Data Type *xs:string*

XSD Domain (Simple Type) *MiddleInitialName*

Multiple Entry Configuration Yes, via structure 2

Accepts Null Yes

Required in XSD No

Minimum Constraint 1

Maximum Constraint 20

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

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	Yes
Min value	1
Max value	20
Acceptable Field Values	Some Name with length between 2 and 20
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D08_02(PersonnelMiddleName) Must Have a value

EMS PERSONNEL'S FIRST NAME

D08_03

Data Format [text]

Definition

First name of personnel

XSD Data Type *xs:string* **XSD Domain (Simple Type)** *FirstName*
Multiple Entry Configuration Yes, via structure 2 **Accepts Null** Yes
Required in XSD No **Minimum Constraint** 1 **Maximum Constraint** 20

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

Field Values

A unique value; no variable list is possible.

-10 Not Known

-25 Not Applicable

-5 Not Available

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	Yes
Min value	1
Max value	20
Acceptable Field Values	Some Name with length between 2 and 20
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<ul style="list-style-type: none"> • If D01_01(EMSAgencyNo) exist then D08_02(PersonnelFirstname) Must Have a value