

# The Florida EMS Data Dictionary



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Author: Juan Esparza, Business Analyst

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## List of Elements Collected in Florida

Element Number	Element Name
D01_01	EMS Agency Number
D01_02	EMS Agency Name
D01_03	EMS Agency State
D01_04	EMS Agency County
D01_05	Primary Type of Service
D01_07	Level of Service
D01_08	Organizational Type
D01_09	Organization Status
D01_10	Statistical Year
D01_12	Total Service Size Area
D01_13	Total Service Area Population
D01_14	911 Call Volume per Year
D01_15	EMS Dispatch Volume per Year
D01_16	EMS Transport Volume per Year
D01_17	EMS Patient Contact Volume per Year
D01_19	EMS Agency Time Zone
D01_21	National Provider Identifier
D02_01	Agency Contact Last Name
D02_03	Agency Contact First Name
D02_04	Agency Contact Address
D02_05	Agency Contact City
D02_06	Agency Contact State
D02_07	Agency Contact Zip Code
D02_08	Agency Contact Telephone Number
D02_09	Agency Contact Fax Number
D02_10	Agency Contact Email Address
D03_01	Agency Medical Director Last Name
D03_03	Agency Medical Director First Name
D03_04	Agency Medical Director Address
D03_05	Agency Medical Director City
D03_06	Agency Medical Director State
D03_07	Agency Medical Director Zip Code
D03_08	Agency Medical Director Telephone Number
D03_09	Agency Medical Director Fax Number
D03_11	Agency Medical Director Email Address
D04_04	Procedures
D04_08	Protocol
D04_12	Hospital Facility Number
D04_14	Destination Facility Number
D07_02	State/Licensure ID Number
D07_03	Personnel's Employment Status
D07_04	Employment Status Date
D07_05	Personnel's Level of Certification/Licensure for Agency
D08_01	EMS Personnel's Last Name
D08_02	EMS Personnel's Middle Name/Initial
D08_03	EMS Personnel's First Name
E00	Common Null Values
E01_01	Patient Care Report Number
E01_02	Software Creator
E01_03	Software Name
E01_04	Software Version

E02_01	EMS Agency Number
E02_02	Incident Number
E02_04	Type of Service Requested
E02_05	Primary Role of the Unit
E02_06	Type of Dispatch Delay
E02_07	Type of Response Delay
E02_08	Type of Scene Delay
E02_09	Type of Transport Delay
E02_10	Type of Turn-Around Delay
E02_12	EMS Unit Call Sign (Radio Number)
E02_20	Response Mode to Scene
E03_01	Complaint Reported by Dispatch
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E05_04	Unit Notified by Dispatch Date/Time
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E06_11	Gender
E06_12	Race
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E14_11	Respiratory Rate
E14_12	Respiratory Effort
E14_13	Carbon Dioxide
E14_14	Blood Glucose Level
E14_19	Total Glasgow Coma Score
E14_22	Level of Responsiveness
E14_23	Pain Scale
E18_01	Date/Time Medication Administered
E18_02	Medication Administered Prior to this Units EMS Care
E18_03	Medication Given
E18_04	Medication Administered Route
E18_05	Medication Dosage
E18_06	Medication Dosage Units
E18_07	Response To Medication
E18_08	Medication Complication
E19_01	Date/Time Procedure Performed Successfully
E19_02	Procedure Performed Prior to this Units EMS Care
E19_03	Procedure
E19_05	Number of Procedure Attempts
E19_06	Procedure Successful
E19_07	Procedure Complication
E19_08	Response to Procedure
E19_13	Tube Confirmation
E19_14	Destination Confirmation of Tube Placement
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E20_07	Destination Zip Code
E20_10	Incident/Patient Disposition
E20_14	Transport Mode from Scene
E20_15	Condition of Patient at Destination
E20_16	Reason for Choosing Destination
E20_17	Type of Destination
E22_01	Emergency Department Disposition
E22_02	Hospital Disposition
E23_09	Research Survey Field
E23_11	Research Survey Field Title

## 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

<b>-25</b> Not Applicable	<b>-20</b> Not Recorded
<b>-15</b> Not Reporting	<b>-10</b> Not Known
<b>-5</b> Not Available	

### 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 not are 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.

## Provider Impression Definitions

Impression Description	Impression Definition
Abdominal pain/problems	Includes acute abdomen, painful abdomen, cramps, etc. Nausea, vomiting, fainting, pulsatile mass, sitention, rigid, tenderness on exam, guarding. Excludes pain or problems due to pregnancy. This subcategory excludes abdominal trauma which would be counted under the subcategory of "traumatic injury".
Airway obstruction	Includes choking, swelling of neck, croup, epiglottitis foreign body in airway, etc. Includes all upper airway obstruction.
Allergic reaction	Includes reactions to drugs, plants, insects, etc. This also includes hives, urticaria, wheezing, etc. when allergy is suspected. Potentially life threatening, rapid progression of symptoms, prior history of anaphylaxis, wheezing, difficulty swallowing, hives, itching, rash, slow onset, local swelling, redness, erythematic.
Altered level of consciousness	Refers to patients in which an altered level of consciousness unrelated to otherwise listed impressions was the single clinical impression that dictated patient care decisions.
Behavioral/psychiatric disorder	Includes all situations in which a behavioral or psychiatric problem was considered the major clinical impression; includes anxiety, suicidal, hearing voices.
Cardiac arrest	Used for incidents in which cardiac arrest occurred and death was pronounced immediately or external CPR was initiated. Excludes cardiac arrest that resulted from an otherwise listed provider impression.
Cardiac rhythm disturbance	Includes any rhythm disturbance that was noted on physical examination or with a cardiac monitor when the rhythm was the major clinical reason for care rendered by the EMS responder.
Chest pain/discomfort	Includes complaints of chest pain as well as pain related to heart disease, upset stomach, or muscle pain in the chest wall. This could include COPD, Pneumonia, Pulmonary Embolus, CHF Musculoskeletal Pain, Asthma, and Acute MI.
Diabetic Symptoms	Refers to symptoms related to diabetes, generally, when there was a history of diabetes. The major symptom of diabetic symptoms is hypoglycemia, but may also include ketoacidosis when diabetes is known to exist.
Electrocution	Includes all instances of electrocution in which the electrocution dictated patient care decisions. The specific type of electrocution should be identified in the Cause of Injury category.
Hyperthermia	Used when hyperthermia was the major clinical assessment.
Hypothermia	Used in situations related to environmental hypothermia such as submersion in cold water or other environmental exposure situations.
Hypovolemia/shock	Patients with clinical shock, usually felt to be hypovolemic. All patients considered to have shock by EMS responders should be coded with this code, as it is difficult to identify other less common forms of shock outside the hospital setting. Excludes anesthetic, anaphylactic, electric, following abortion, lightning, obstetrical, postoperative and traumatic shock.
Inhalation injury (toxic gases)	This category does not include smoke inhalation.
Obvious Death	Patients who were dead at the scene, on whom no therapy was undertaken
Poisoning/drug ingestion	Includes drug ingestions which are inappropriate drugs or overdoses, as well as poisonings from chemicals. Toxic gases should be coded as inhalation injury (987.90). Venomous bites or stings should be coded as 989.50
Pregnancy/OB delivery	Includes all aspects of obstetrical care rendered in the prehospital setting.
Respiratory arrest	Used for instances in which the patient stops breathing and requires ventilator support on a temporary basis in which the respiratory arrest was not precipitated by another specified provider impression. Excludes cardiac arrest, failure of peripheral circulation. Respiratory distress: NOS, acute, following trauma or surgery, newborn, respiratory failure, respiratory insufficiency. Excludes drug overdose.

Impression Description	Impression Definition
Respiratory Distress	Includes patients with respiratory distress who continue to have spontaneous breathing and never suffer respiratory arrest. These patients may require ventilator support
Seizure	Includes major and minor motor seizures.
Sexual assault/rape	Refers to all incidents involving suspected sexual assault/rape. Further details should be recorded and counted under Cause of Injury and Injury Site and Type.
Smoke inhalation	Refers to smoke inhalation encountered in a conflagration setting.
Stings/venomous bites	Includes poisonous snakes, insects, bees, wasps, ants, etc. If an allergic reaction occurs, this reaction should be counted under the sub-category Allergic Reaction, not as Stings/Venomous Bites.
Stroke/CVA/TIA	Includes strokes, cerebrovascular accidents (CVA) and, transient ischemic attacks (TIA). Patient who is exhibiting signs and symptoms of a neurological deficit that cannot be directly attributed to one of the other impressions (i.e. hypoglycemia, migraine's, seizures, head trauma etc...).
Syncope/fainting	Used when fainting was the major clinical impression even though the patient may have been fully conscious at the time of EMS evaluation.
Traumatic injury not otherwise specified	Refers to all patients with burns or a blunt or penetrating injuries not otherwise specified. Further details should be recorded and counted under Cause of Injury and Injury Site and Type.
Vaginal Hemorrhage	Refers to abnormal vaginal bleeding in a sufficient amount to have driven the EMS response. Excludes vaginal Hemorrhage as it relates to pregnancy. When pregnancy is involved, vaginal hemorrhage should be coded when the hemorrhage itself was the major concern to the EMS responder. When childbirth or other obstetric issues are more important, then this data element should be coded as Pregnancy / OB delivery
Sepsis	Refers to the condition of systemic inflammatory reponse syndrome, where a patient presents with three or more of the following signs or symptoms. Confusion or altered LOC, tachypnea RR>20, tachycardia HR>90, decreased B/P, warming of the extremities, temperature of >104 or <96.8, signs of decreased perfusion (mottling, pallor, decreased capillary refill), flu-like symptoms, blood sugar alterations, decreased urine output, and increased or decreased fluid intake.
Alcohol related problems / DTs	Refers to a specific condition(s) of the poisoning / drug ingestion class where the patients signs, symptoms, and plan of treatment are directly related to the consumption of alcohol. Please note that this is a secondary choice and should not be the primary pick whenever another condition is present (i.e. abdominal pain, altered LOC, cardiac arrest, etc.)
Fever related symptoms/problems	Refers to a specific condition of the hyperthermic class where the patients temperature is elevated and maybe causing signs / symptoms. Please note that this is a secondary choice and should not be the primary pick whenever another condition is present (i.e. abdominal pain, altered LOC, cardiac arrest, etc.)
Intentional Drug Use, related problems	Refers to a specific condition(s) of the poisoning / drug ingestion class where the patients signs, symptoms, and plan of treatment are directly related from the intentional usage of non-prescription drugs, illegal durgs, and/or the usage/overusage of prescription drugs above their intended dosage / route. Please note that this is a secondary choice and should not be the primary pick whenever another condition is present (i.e. abdominal pain, altered LOC, cardiac arrest, etc.)
Blood Pressure Related Problems	Includes all instances where hypertension or hypotension was the major clinical assessment. Includes high blood pressure hyperpiesia, hypertension (arterial) (essential) (primary) (systemic), hypertensive vascular:, degeneration disease, hypotension not related to shock or hypovolemia
Heat Related Illness	This selection refers to the specific emergency medical conditions of heat cramps, heat exhaustion, and heat stroke, or any other signs/symptoms of heat related illness
Sickle Cell Crisis	This selection refers to the decision on a plan of treatment for a patient who has been previously diagnosed with sickle cell disease, and is experiencing the specific signs and symptoms related to the "crisis" event.

Impression Description	Impression Definition
General Malaise	A condition of general body weakness, lethargy or discomfort not directly attributable to any particular disease or illness; often described as the feeling at the onset of an illness
Other Non-Traumatic Pain	Refers to any pain, body aches, muscle or joint pain that is not directly caused by a specific injury, traumatic event, or known disease, (i.e. arthritic pain, migraines)
Other Impression Not Listed	The use of this category should be extremely limited and used only as a last resort; overuse will result in diminished data quality; records will be inspected within the EMSTARS database and the Data Unit will contact providers with high volumes of (-5) usage to determine the cause and discuss changes that may be required



# 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:

<b>Data Type</b>	string
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	3
<b>Max value</b>	32
<b>Acceptable Field Values</b>	
<b>Related Elements</b>	E05_04 (Unit Notified By Dispatch Date/Time)
<b>Additional Rules</b>	<ul style="list-style-type: none"> <li>• IF E01-01 (Patient Care Report Number) has a value THEN E05-04 (Unit Notified By Dispatch Date/Time) must have a value.</li> </ul>

# 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:

<b>Data Type</b>	string
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	
<b>Related Elements</b>	E05_04 ( <b>Unit Notified By Dispatch Date/Time</b> )
<b>Additional Rules</b>	<ul style="list-style-type: none"> <li>• <b>IF</b> E01-02(<b>Software Creator</b>) has a value <b>THEN</b> E05-04 (<b>Unit Notified By Dispatch Date/Time</b>) must have a value</li> </ul>



# 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:

<b>Data Type</b>	string
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	3
<b>Max value</b>	30
<b>Acceptable Field Values</b>	
<b>Related Elements</b>	05_04( <b>Unit Notified By Dispatch Date/Time</b> )
<b>Additional Rules</b>	If E01-03( <b>Patient Care Report Number</b> ) has a value E05-04 ( <b>Unit Notified By Dispatch Date/Time</b> ) 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:

<b>Data Type</b>	string
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	3
<b>Max value</b>	30
<b>Acceptable Field Values</b>	
<b>Related Elements</b>	05_04 ( <b>Unit Notified by Dispatch Date/Time</b> )
<b>Additional Rules</b>	

# 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:

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

# INCIDENT NUMBER

E02\_02

**Data Format** [text]

## Definition

Most commonly the incident number assigned by the 911 Dispatch System; may also be an alarm number. All incident numbers must be unique to the request for service for all of time.

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

## Field Values

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

## Uses

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

## Validation Rules:

<b>Data Type</b>	Text
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	
<b>Related Elements</b>	
<b>Additional Rules</b>	

# 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)
- 40 Interfacility Transfer
- 50 Mutual Aid

- 35 Intercept (Refers to Rendezvous)
- 45 Medical Transport
- 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 (or assist with the transport of) 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:

<b>Data Type</b>	integer
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	05_04 (Unit Notified by Dispatch Date/Time)
<b>Additional Rules</b>	<ul style="list-style-type: none"> <li>•IF 02_05(Primary Role) = 60 Non-Transport THEN 02_04 (TypeOfService) may equal any value in (30, 35, 50, or 55)</li> <li>•IF 02_05 (Primary Role) = 75 Transport THEN 02_04 (TypeOfService) may equal any value in (30, 40, 50, 35, 45, or 55)</li> </ul>

# 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    70 Supervisor  
 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:

<b>Data Type</b>	integer
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	05_04( <b>Unit Notified by Dispatch Date/Time</b> ), 02_04( <b>Type Of Service</b> ), 22_01( <b>Emergency Department Disposition</b> ), 22_02( <b>Hospital Disposition</b> )
<b>Additional Rules</b>	<ul style="list-style-type: none"> <li>• <b>IF</b> 02_05(<b>Primary Role</b>) = 60 <b>THEN</b>              02_04 (<b>TypeOfService</b>) must be equal to (30, 35, 50, or 55)              05_10(<b>AtDestination</b>) will not exist</li> <li>• <b>IF</b> 02_05 (<b>Primary Role</b>) = 75 <b>THEN</b>              02_04 (<b>TypeOfService</b>) may be equal to any value in (30, 40, 50, 35, 45, or 55)</li> </ul>

# 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

## Uses

- Allows data to describe the status of Dispatch issues

## Validation Rules:

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

# 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:

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



# 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:

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

# 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:

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

**Additional Information**

- Turn-Around Delays apply exclusively to transporting units and are calculated as the difference between the time that the unit arrives at the destination (E05\_10) and the unit back-in-service time (E05\_11)
- The Florida EMS Advisory Council has requested that a new, custom element be added to capture Transfer of Patient Care for assessment of ED Overcrowding; until such time as this new element is added, Turn-Around Delays listing a type of ED Overcrowding (345) and the associated times will be used.

**Uses**

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

**Validation Rules:**

<b>Data Type</b>	integer
<b>Null Allowed</b>	No
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	05_10( <b>AtDestination</b> ), 05_11( <b>InService</b> )
<b>Additional Rules</b>	

# 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

- Not Null able. 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:

<b>Data Type</b>	string
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	2
<b>Max value</b>	15
<b>Acceptable Field Values</b>	
<b>Related Elements</b>	05_04( <b>UnitNotified</b> )
<b>Additional Rules</b>	<ul style="list-style-type: none"> <li>•IF 05_04(<b>UnitNotified</b>) has a value THEN 02_12(<b>EMSUnitCallSign</b>) must have a valid value</li> </ul>

# 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:

<b>Data Type</b>	integer
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	05_05 ( <a href="#">EnRoute</a> )
<b>Additional Rules</b>	

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

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	05_04( <b>UnitNotified</b> )
<b>Additional Rules</b>	<ul style="list-style-type: none"> <li>• IF 05_04 (<b>UnitNotified</b>) has a valid value THEN 03_01 (<b>Complaint</b>) cannot equal -20</li> </ul>

# 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	05_04( <b>UnitNotified</b> )
<b>Additional Rules</b>	•IF 02_04( <b>TypeOfServiceRequested</b> ) = 30 THEN 03_02 cannot be -20

# 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 (0000 to 2359) 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:

<b>Data Type</b>	dateTime
<b>Null Allowed</b>	Yes, but null value is blank
<b>Multi Entry</b>	No
<b>Min value</b>	01/01/2007
<b>Max value</b>	Current date of submittal
<b>Acceptable Field Values</b>	value <= 05_02( <b>PSAPCallTime</b> ) or 05-03( <b>DispatchNotified</b> ) AND value >= 06_16 ( <b>DOB</b> if DOB exists)
<b>Related Elements</b>	05_02( <b>PSAPCallTime</b> ), 05_03( <b>DispatchNotified</b> ), (05_04( <b>UnitNotified</b> ), 05_05( <b>Enroute</b> ), 05_06( <b>OnScene</b> ) and 05_07( <b>AtPatient</b> ))
<b>Additional Rules</b>	• <b>IF</b> 06_14 ( <b>Age</b> ) <=8 and 06_15 ( <b>AgeUnits</b> ) = hours <b>THEN</b> 05_01 ( <b>IncidentDT</b> ) may be < = 06_16 ( <b>DOB</b> – 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 (0000 to 2359) 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:

<b>Data Type</b>	dateTime
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	01/01/2007
<b>Max value</b>	Current date of submittal
<b>Acceptable Field Values</b>	Value>=05_01( <b>IncidentDT</b> ) AND >=06_16( <b>DOB if exists</b> )
<b>Related Elements</b>	01_01( <b>PCRNo</b> ), 01_02( <b>s/w Creator</b> ), 01_03( <b>s/w Name</b> ), 01_04( <b>s/w Version</b> ), 02_06( <b>DispatchDelay</b> )
<b>Additional Rules</b>	•IF 06_14 ( <b>Age</b> ) <=8 and 06_15 ( <b>AgeUnits</b> ) = hours THEN 05_01 ( <b>IncidentDT</b> ) may be < = 06_16 ( <b>DOB</b> – if DOB is not null)

# 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 (0000 to 2359) 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:

<b>Data Type</b>	dateTime
<b>Null Allowed</b>	
<b>Multi Entry</b>	No
<b>Min value</b>	01/01/2007
<b>Max value</b>	Current date of submittal
<b>Acceptable Field Values</b>	value>=05_01( <b>IncidentDT</b> ) AND >=06_16( <b>DOB if exists</b> )
<b>Related Elements</b>	01_01( <b>PCRNo</b> ), 01_02(s/w <b>Creator</b> ), 01_03(s/w <b>Name</b> ), 01_04(s/w <b>Version</b> ), 02_06( <b>DispatchDelay</b> )
<b>Additional Rules</b>	•IF 06_14 ( <b>Age</b> ) <=8 and 06_15 ( <b>AgeUnits</b> ) = hours THEN 05_01 ( <b>IncidentDT</b> ) may be < = 06_16 ( <b>DOB</b> – if DOB is not null)

# 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 (0000 to 2359) and in YYYYMMDD date format
- Not Nullable. A unique value must be provided to create a unique record ID within a database
- 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.

## 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:

<b>Data Type</b>	dateTime
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	01/01/07
<b>Max value</b>	Current date of submittal
<b>Acceptable Field Values</b>	<=05_05( <b>Enroute</b> ) AND >= 06_16( <b>DOB</b> ) <b>IF</b> 05_02( <b>PSAPCallTime</b> ) or 05-03(dispatchNotified) exists <b>THEN</b> , 05_04( <b>UnitNotified</b> ) must be >= 05_02( <b>PSAPCallTime</b> ) <b>OR</b> 05-03( <b>dispatchNotified</b> )
<b>Related Elements</b>	•01_01( <b>PCR No</b> ), 01_02( <b>s/w Creator</b> ), 01_03( <b>s/w Name</b> ), 01_04( <b>s/w Version</b> ), 02_01( <b>EMSAgencyNo</b> ), 02_04( <b>TypeOfService</b> ), 02_05( <b>PrimaryRole</b> ), 02_12( <b>EMSUnitCallSign</b> ), 03_01( <b>Complaint</b> ), 03_02( <b>EMDPerformed</b> )
<b>Additional Rules</b>	• <b>IF</b> 06_14 ( <b>Age</b> ) <=8 and 06_15 ( <b>AgeUnits</b> ) = hours <b>THEN</b> 05_01 ( <b>IncidentDT</b> ) may be < = 06_16 ( <b>DOB</b> – if DOB is not null)

# 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 (0000 to 2359) and in YYYYMMDD date format
- 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.

\*\*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:

<b>Data Type</b>	dateTime
<b>Null Allowed</b>	Yes, but null value is blank
<b>Multi Entry</b>	No
<b>Min value</b>	01/01/07
<b>Max value</b>	Current date of submittal
<b>Acceptable Field Values</b>	Value >= 05_04( <b>UnitNotified</b> ) AND >= 06_16( <b>DOB</b> ) AND <= 05_06( <b>OnScene</b> )
<b>Related Elements</b>	02_20( <b>ResponseMode</b> ), 02_07( <b>ResponseDelay</b> ), 20_10( <b>TurnAroundDelay</b> )
<b>Additional Rules</b>	•IF 06_14 ( <b>Age</b> ) <=8 and 06_15 ( <b>AgeUnits</b> ) = hours THEN 05_01 ( <b>IncidentDT</b> ) may be < = 06_16 ( <b>DOB</b> – if DOB is not null)

# 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 (0000 to 2359) 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:

<b>Data Type</b>	dateTime
<b>Null Allowed</b>	Yes, but null value is blank
<b>Multi Entry</b>	No
<b>Min value</b>	01/01/07
<b>Max value</b>	Current date of submittal
<b>Acceptable Field Values</b>	Value >= 05_05(Enroute) AND <= 05_07 (AtPatient)(if exists) AND >= 06_16(DOB)
<b>Related Elements</b>	02_07(ResponseDelay), 02_08(SceneDelay)
<b>Additional Rules</b>	•IF 06_14 (Age) <=8 and 06_15 (AgeUnits) = hours THEN 05_01 (IncidentDT) may be < = 06_16 (DOB – if DOB is not null)

# 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 (0000 to 2359) 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:

<b>Data Type</b>	dateTime
<b>Null Allowed</b>	Yes, but null value is blank
<b>Multi Entry</b>	No
<b>Min value</b>	01/01/07
<b>Max value</b>	Current date of submittal
<b>Acceptable Field Values</b>	<=05_09(leftScene if exists) AND >= 06_16(DOB)
<b>Related Elements</b>	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
<b>Additional Rules</b>	<p><b>IF</b> 05_07(<b>AtPatient</b>) exists <b>THEN</b></p> <ul style="list-style-type: none"> <li>•06_01(<b>LastName</b>) cannot have -20</li> <li>•06_02(<b>FirstName</b>) cannot have -20</li> <li>•06_08(<b>ZipCode</b>) cannot have -20</li> <li>•06_10(<b>SSN</b>) cannot have -20</li> <li>•06_11(<b>Gender</b>) cannot have -20</li> <li>•06_12(<b>Race</b>) cannot have -20</li> <li>•06_13(<b>Ethnicity</b>) cannot have -20</li> <li>•06_14(<b>Age</b>) has to have a valid value</li> <li>•06_15(<b>AgeUnits</b>) in (700, 705, 710, 715)</li> <li>•08_05(<b>NoOfPatients</b>) cannot have -20</li> <li>•08_06(<b>MassCasualty</b>) cannot have -20</li> <li>•08_07(<b>LocationType</b>) cannot have -20</li> <li>•08_15(<b>ZipCode</b>) cannot have -20</li> <li>•12_01(<b>Barriers</b>) cannot have -20</li> <li>•12_19(<b>AlcoholDrug</b>) cannot have -20</li> </ul>

# 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 (0000 to 2359) 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:

<b>Data Type</b>	dateTime
<b>Null Allowed</b>	Yes, but null value is blank
<b>Multi Entry</b>	No
<b>Min value</b>	01/01/07
<b>Max value</b>	Current date of submittal
<b>Acceptable Field Values</b>	>= 05_07( <b>AtPatient</b> ) AND <=05_10( <b>AtDestination</b> ) (if exists) AND >= 06_16( <b>DOB</b> )
<b>Related Elements</b>	02_08( <b>SceneDelay</b> ), 02_09( <b>TransportDelay</b> )
<b>Additional Rules</b>	•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 (0000 to 2359) 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:

<b>Data Type</b>	dateTime
<b>Null Allowed</b>	Yes, but null value is blank
<b>Multi Entry</b>	No
<b>Min value</b>	01/01/07
<b>Max value</b>	Current date of submittal
<b>Acceptable Field Values</b>	Value >= 05_09(LeftScene) and <= 05_11(InService) and >= 06_16(DOB)
<b>Related Elements</b>	02_09, 02_10, 22_01, 22_02, 20_02, 20_07, 20_14, 20_15, 20_16, 20_17
<b>Additional Rules</b>	<p><b>IF E02_05 (Primary Role of the Unit) = 60 THEN E05_10 = NULL</b></p> <p>If 05_10 (AtDestination) has a valid value, the following must be true.</p> <ul style="list-style-type: none"> <li>• 20_02(DestinationCode) cannot have -20</li> <li>• 20_07(DestinationZip) cannot have -20</li> <li>• 20_10 (IncidentPatientDisp) must be equal to 4850.</li> <li>• 20_14(TransportMode) cannot have -20</li> <li>• 20_15(PatientCondition) cannot have -20</li> <li>• 20_16(Reason) cannot have -20</li> <li>• 20_17(DestinationType) cannot have -20</li> </ul>



# 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 (0000 to 2359) 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:

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

# 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
- date/time will be UTC +/- Z (zulu), in 24 hour time format (0000 to 2359) and in YYYYMMDD date format

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

## 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:

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

# 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 (0000 to 2359) 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:

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

# 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:

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

# 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:

<b>Data Type</b>	string
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	1
<b>Max value</b>	20
<b>Acceptable Field Values</b>	All alphabets, apostrophe (') and dash (-).
<b>Related Elements</b>	05_07( <b>AtPatient</b> )
<b>Additional Rules</b>	•If 05_07 ( <b>AtPatient</b> ) has a valid value, 06_02 ( <b>FirstName</b> ) 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:

<b>Data Type</b>	string
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	2
<b>Max value</b>	10
<b>Acceptable Field Values</b>	
<b>Related Elements</b>	05_07 ( <b>AtPatient</b> )
<b>Additional Rules</b>	•If 05_07 ( <b>Atpatient</b> ) has a valid value, 06_08 ( <b>ZipCode</b> ) 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

- 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.

- Record 000000000 for newborns and infants up to two (2) years of age who do not have a SSN.
- Record 777777777 for those patients where efforts to obtain the SSN have been unsuccessful and the patient is two (2) years of age or older and not known to be from a country other than the United States (U.S.).
- Record 555555555 for non-U.S. citizens who have not been issued SSNs.
- These codes are used by the Florida Agency for Healthcare Administration (AHCA) for hospital reporting

## Uses

- Key component of an EMS Medical Record

## Validation Rules:

<b>Data Type</b>	string
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	2
<b>Max value</b>	9
<b>Acceptable Field Values</b>	From list above or dddddddd
<b>Related Elements</b>	05_07( <b>AtPatient</b> )
<b>Additional Rules</b>	•If 05_07 ( <b>AtPatient</b> ) has a valid value, 06_10 ( <b>SSN</b> ) 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:

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



# 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:

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

# 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:

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

# 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:

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



# 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:

<b>Data Type</b>	date
<b>Null Allowed</b>	Yes, but Null is blank or empty
<b>Multi Entry</b>	No
<b>Min value</b>	1890
<b>Max value</b>	Current date of submittal
<b>Acceptable Field Values</b>	
<b>Related Elements</b>	06_14( <b>Age</b> ), 06_16( <b>DOB</b> ), 05_07( <b>AtPatient</b> )
<b>Additional Rules</b>	<ul style="list-style-type: none"> <li>• If 06_16(<b>DOB</b>) has a valid value, 06_14(<b>Age</b>) must be calculated from 06_16(<b>DOB</b>)</li> <li>• If 06_16(<b>DOB</b>) is unknown, its value must blank</li> </ul>

# 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:

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

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

## Default Value

-20 Not Recorded

## Additional Information

- If the agency does not collect CMS 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:

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

# 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

- |  |   |
|--|---|
| <b>8001</b> Severe Abdominal Pain (ALS-789.00)                                     | <b>8002</b> Abdominal Pain (ALS-789.00)                                       |
| <b>8003</b> Abnormal Cardiac Rhythm/Cardiac Dysrhythmia (ALS-427.9)                | <b>8004</b> Abnormal Skin Signs (ALS-780.8)                                   |
| <b>8005</b> Abnormal Vital Signs (ALS-796.4)                                       | <b>8006</b> Allergic Reaction (ALS-995.0)                                     |
| <b>8007</b> Allergic Reaction (BLS-692.9)  | <b>8008</b> Blood Glucose (ALS-790.21)  |
| <b>8009</b> Respiratory Arrest (ALS-799.1)   | <b>8010</b> Difficulty Breathing (ALS-786.05)                                 |
| <b>8011</b> Cardiac Arrest-Resuscitation in Progress (ALS-427.5)                   | <b>8012</b> Chest Pain (non-traumatic) (ALS-786.50)                           |
| <b>8013</b> Choking Episode (ALS-784.9)  | <b>8014</b> Cold Exposure (ALS-991.6)   |
| <b>8015</b> Cold Exposure (BLS-991.9)  | <b>8016</b> Altered Level of Consciousness (non-traumatic) (ALS-780.01)       |
| <b>8017</b> Convulsions/Seizures (ALS-780.39)                                      | <b>8018</b> Eye Symptoms (non-traumatic) (BLS-379.90)                         |
| <b>8019</b> Non Traumatic Headache (ALS-437.9)                                     | <b>8020</b> Cardiac Symptoms other than Chest Pain (palpitations) (ALS-785.1) |
| <b>8021</b> Cardiac Symptoms other than Chest Pain (atypical pain) (ALS-536.2)     | <b>8022</b> Heat Exposure (ALS-992.5)   |
| <b>8023</b> Heat Exposure (BLS-992.2)  | <b>8024</b> Hemorrhage (ALS-459.0)  |
| <b>8025</b> Infectious Diseases requiring Isolation/Public Health Risk (BLS-038.9) | <b>8026</b> Hazmat Exposure (ALS-987.9)                                       |
| <b>8027</b> Medical Device Failure (ALS-996.0)                                     | <b>8028</b> Medical Device Failure (BLS-996.3)                                |
| <b>8029</b> Neurologic Distress (ALS-436.0)  | <b>8030</b> Pain (Severe) (ALS-780.99)  |
| <b>8031</b> Back Pain (non-traumatic possible cardiac or vascular) (ALS-724.5)     | <b>8032</b> Back Pain (non-traumatic with neurologic symptoms) (ALS-724.9)    |
| <b>8033</b> Poisons (all routes) (ALS-977.9)                                       | <b>8034</b> Alcohol Intoxication or Drug Overdose (BLS-305.0)                 |
| <b>8035</b> Severe Alcohol Intoxication (ALS-977.3)                                | <b>8036</b> Post-Operative Procedure Complications (BLS-998.9)                |
| <b>8037</b> Pregnancy Complication/Childbirth/Labor (ALS-650.0)                    | <b>8038</b> Psychiatric/Behavioral (abnormal mental status) (ALS-292.9)       |
| <b>8039</b> Psychiatric/Behavioral (threat to self or others) (BLS-298.9)          | <b>8040</b> Sick Person-Fever (BLS-036.9)                                     |
| <b>8041</b> Severe Dehydration (ALS-787.01)  | <b>8042</b> Unconscious/Syncope/Dizziness (ALS-780.02)                        |
| <b>8043</b> Major Trauma (ALS-959.8)   | <b>8044</b> Other Trauma (need for monitor or airway) (ALS-518.5)             |
| <b>8045</b> Other Trauma (major bleeding) (ALS-958.2)                              | <b>8046</b> Other Trauma (fracture/dislocation) (BLS-829.0)                   |
| <b>8047</b> Other Trauma (penetrating extremity) (BLS-880.0)                       | <b>8048</b> Other Trauma (amputation digits) (BLS-886.0)                      |
| <b>8049</b> Other Trauma (amputation other) (ALS-887.4)                            | <b>8050</b> Other Trauma (suspected internal injuries) (ALS-869.0)            |
| <b>8051</b> Burns-Major (ALS-949.3)  | <b>8052</b> Burns-Minor (BLS-949.2)   |
| <b>8053</b> Animal Bites/Sting/Envenomation (ALS-989.5)                            | <b>8054</b> Animal Bites/Sting/Envenomation (BLS-879.8)                       |
| <b>8055</b> Lightning (ALS-994.0)  | <b>8056</b> Electrocution (ALS-994.8)   |
| <b>8057</b> Near Drowning (ALS-994.1)  | <b>8058</b> Eye Injuries (BLS-921.9)  |
| <b>8059</b> Sexual Assault (major injuries) (ALS-995.83)                           | <b>8060</b> Sexual Assault (minor injuries) (BLS-995.8)                       |
| <b>8061</b> Cardiac/Hemodynamic Monitoring Required (ALS-428.9)                    | <b>8062</b> Advanced Airway Management (ALS-518.81)                           |
| <b>8063</b> IV Meds Required (ALS-No ICD code provided)                            | <b>8064</b> Chemical Restraint (ALS-293.0)                                    |
| <b>8065</b> Suctioning/Oxygen/IV fluids required (BLS-496.0)                       | <b>8066</b> Airway Control/Positioning Required (BLS-786.09)                  |
| <b>8067</b> Third Party Assistance/Attendant Required (BLS-496.0)                  | <b>8068</b> Patient Safety (restraints required) (BLS-298.9)                  |



- 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)
- 5 Other - Not Listed

- 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
- If the agency does not collect Condition Code Number in this field, this may remain -20 (Not Recorded).
- Expansion of picklist field values to meet local needs is acceptable; but those expanded values must be “collapsed” and mapped back up to top level, standard NEMSIS values when sending data to EMSTARS
- The use of (-5) to indicate “Other - Not Listed” should be very limited and will be monitored by the Bureau’s Data Unit; a consultation will be requested with Providers where the use of this value exceeds normal or acceptable levels.

**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:**

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

**OTHER EMS AGENCIES AT SCENE** {new element for 2009}

E08\_01

**Data Format** integer

**Definition**

Other EMS agencies that were at the scene, if any

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

**XSD Domain (Simple Type)** *OtherEMSAgenciesAtScene*

**Multiple Entry Configuration** Yes

**Accepts Null** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

**Field Values**

-25 Not Applicable

-10 Not Known

-5 Not Available

• Relevant Value for Data Element & Patient Care

**Additional Information**

- Florida will utilize this to capture both other units (from the same agency) and other agencies.

On the client side, this field may be combo box, radio button, or text entry. However, while the end user may have the full agency name displayed, only the state issued Provider ID should be transmitted in this field to the state database.

**Uses**

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

**Validation Rules:**

<b>Data Type</b>	integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	Yes
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Acceptable Field Values</b>	State issued Provider ID
<b>Related Elements</b>	
<b>Additional Rules</b>	

# 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:

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

# 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:

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

# 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 - Residential
- 11352 Spa - Residential
- 11353 Bathtub - Residential
- 11354 Bucket
- 11601 Railroad
- 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
- 11551 Pool - Commercial
- 11552 Spa - Commercial
- 11701 Bathtub – Commercial
- 11901 Forest / Trail / Wilderness

## 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:

<b>Data Type</b>	integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	05_07( <b>AtPatient</b> )
<b>Additional Rules</b>	If 05_07( <b>AtPatient</b> ) has a valid value, 08_07( <b>LocationType</b> ) 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:

<b>Data Type</b>	string
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above or dddd or dddd-dddd
<b>Related Elements</b>	05_07( <b>AtPatient</b> )
<b>Additional Rules</b>	If 05_07( <b>AtPatient</b> ) has a valid value, 08_15( <b>ZipCode</b> ) 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)

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:

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





# 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:

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

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

# 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:

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

# 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	09-04( <b>PossibleInjury</b> )
<b>Additional Rules</b>	<ul style="list-style-type: none"> <li>• If 09-04(<b>PossibleInjury</b>) = 1, then 09-12(<b>chiefCompliantOrganSystem</b>) must have value other than -20.</li> <li>• If 05_01 (<b>IncidentDT</b>) has a value, then 09-12(<b>OrganSystem</b>) must have value other than -20.</li> <li>• If 09-12(<b>OrganSystem</b>) = 1380, 06-11(<b>Gender</b>) must equal 655.</li> </ul>

# 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:

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

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

## 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:

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

# 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	-10	Not Known
1615	Abdominal pain / problems	1620	Airway obstruction
1625	Allergic reaction	1630	Altered level of consciousness
1635	Behavioral / psychiatric disorder	1640	Cardiac arrest
1645	Cardiac rhythm disturbance	1650	Chest pain / discomfort
1655	Diabetic symptoms	1660	Electrocution
1665	Hyperthermia	1670	Hypothermia
1675	Hypovolemia / shock	1680	Inhalation injury (toxic gas)
1685	Obvious death	1690	Poisoning / drug ingestion
1695	Pregnancy / OB delivery	1700	Respiratory distress
1705	Respiratory arrest	1710	Seizure
1715	Sexual assault / rape	1720	Smoke inhalation
1725	Stings / venomous bites	1730	Stroke / CVA
1735	Syncope / fainting	1740	Traumatic injury
1745	Vaginal hemorrhage		
16652	Sepsis	16901	Alcohol Related Problems / DTs
16651	Fever Related Symptoms / Problems	16902	Intentional Drug Use; Related Problems
10001	Blood Pressure Related Problems	10002	Heat Related Illness
10003	Sickle Cell Crisis	10004	General Malaise
10005	Other, Non-Traumatic Pain	-5	Other - Not Listed

## Default Value

-20 Not Recorded

## Additional Information

- Expanded field values that map to NEMSIS standard values will be transformed and transmitted in the extract using the NEMSIS value [for example, Sepsis will be displayed in the EMSTARS database, but (1665), the value for Hyperthermia, will be transmitted to NEMSIS].
- Expanded field values that do not map to NEMSIS standard values, the Custom Florida Values, will display the assigned value within the EMSTARS database, but will be transformed to a (-5) Not Available when transmitting to NEMSIS.
- Further expansion of picklist field values to meet local needs is acceptable; but those expanded values must be "collapsed" and mapped back up to top level, standard NEMSIS values when sending data to EMSTARS.
- The use of (-5) to indicate "Other - Not Listed" should be very limited and will be monitored by the Bureau's Data Unit; a consultation will be requested with Providers where the use of this value exceeds normal or acceptable levels.
- Definitions for each of the Provider Impressions listed above may be found at the front of this document.

## 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:**

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



# 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	Abdominal pain / problems	1755	Airway obstruction
1760	Allergic reaction	1765	Altered level of consciousness
1770	Behavioral / psychiatric disorder	1775	Cardiac arrest
1780	Cardiac rhythm disturbance	1785	Chest pain / discomfort
1790	Diabetic symptoms	1795	Electrocution
1800	Hyperthermia	1805	Hypothermia
1810	Hypovolemia / shock	1815	Inhalation injury (toxic gas)
1820	Obvious death	1825	Poisoning / drug ingestion
1830	Pregnancy / OB delivery	1835	Respiratory distress
1840	Respiratory arrest	1845	Seizure
1850	Sexual assault / rape	1855	Smoke inhalation
1860	Stings / venomous bites	1865	Stroke / CVA
1870	Syncope / fainting	1875	Traumatic injury
1880	Vaginal hemorrhage		
18052	Sepsis	18251	Alcohol Related Problems / DTs
18051	Fever Related Symptoms / Problems	18252	Intentional Drug Use; Related Problems
10011	Blood Pressure Related Problems	10012	Heat Related Illness
10013	Sickle Cell Crisis	10014	General Malaise
10015	Other, Non-Traumatic Pain	-5	Other - Not Listed

## Default Value

-20 Not Recorded

## Additional Information

- Expanded field values that map to NEMSIS standard values will be transformed and transmitted in the extract using the NEMSIS value [for example, Sepsis will be displayed in the EMSTARS database, but (1665), the value for Hyperthermia, will be transmitted to NEMSIS].
- Expanded field values that do not map to NEMSIS standard values, the Custom Florida Values, will display the assigned value within the EMSTARS database, but will be transformed to a (-5) Not Available when transmitting to NEMSIS.
- Further expansion of picklist field values to meet local needs is acceptable; but those expanded values must be "collapsed" and mapped back up to top level, standard NEMSIS values when sending data to EMSTARS
- The use of (-5) to indicate "Other - Not Listed" should be very limited and will be monitored by the Bureau's Data Unit; a consultation will be requested with Providers where the use of this value exceeds normal or acceptable levels.
- Definitions for each of the Provider Impressions listed above may be found at the front of this document

## 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:**

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	
<b>Additional Rules</b>	<ul style="list-style-type: none"> <li>• If 09-16(<b>SecondaryImpression</b>) has value other than -20, 09-15(<b>PrimaryImpression</b>) must have value other than -20.</li> <li>• If 09-16(<b>SecondaryImpression</b>) is equal to 1830 or 1880, then 06-11(<b>Gender</b>) must equal 655.</li> <li>• The text values for 09-16(<b>SecondaryImpression</b>) and 09-15(<b>PrimaryImpression</b>) cannot be the same.</li> </ul>

# 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)
- 5 Other - Not Listed
- 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

## 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
- Expansion of picklist field values to meet local needs is acceptable; but those expanded values must be “collapsed” and mapped back up to top level, standard NEMSIS values when sending data to EMSTARS
- The use of (-5) to indicate “Other - Not Listed” should be very limited and will be monitored by the Bureau’s Data Unit; a consultation will be requested with Providers where the use of this value exceeds normal or acceptable levels.

## 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	09-04(PossibleInjury)
<b>Additional Rules</b>	if 09-04(PossibleInjury) = 1, 10-01(CauseOfInjury) 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:

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



# 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		2255 Trauma
2250 Presumed Cardiac		2265 Respiratory
2260 Drowning		2275 Other
2270 Electrocutation		

## 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	11-01( <b>CardiacArrest</b> )
<b>Additional Rules</b>	If 11-01( <b>CardiacArrest</b> ) = 2245 or 2240, then 11-02( <b>Etiology</b> ) 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)** *ResucitationAttempted*  
**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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	11-01( <b>CardiacArrest</b> )
<b>Additional Rules</b>	If 11-01( <b>CardiacArrest</b> ) = 2245 or 2240, then 11-03( <b>Resuscitation</b> ) 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	11-01( <b>CardiacArrest</b> )
<b>Additional Rules</b>	If 11-01( <b>CardiacArrest</b> ) = 2245 or 2240, then 11-04( <b>WitnessedBy</b> ) 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	11-01( <b>CardiacArrest</b> )
<b>Additional Rules</b>	If 11-01( <b>CardiacArrest</b> ) = 2245 or 2240, then 11-05( <b>FirstRythm</b> ) must have 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:

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

**MEDICAL/SURGICAL HISTORY** {New Element for 2009}

E12\_10

**Data Format** [combo or text] multiple-choice

**Definition**

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

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

**XSD Domain (Simple Type)** *MedicalSurgicalHistory*

**Multiple Entry Configuration** Yes

**Accepts Null** Yes

**Required in XSD** No

**Minimum Constraint** 2

**Maximum Constraint** 30

**Field Values**

-25 Not Applicable

-10 Not Known

-5 Not Available

- Relevant Value for Data Element & Patient Care

**Additional Information**

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

**Uses**

- Part of an EMS Medical Record

**Validation Rules:**

<b>Data Type</b>	String
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	
<b>Additional Rules</b>	

# 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	05-07
<b>Additional Rules</b>	IF E05_07(Arrived at Patient) has a valid value THEN E12_19 cannot equal -20

# 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:

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

# 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	14-01 ( <a href="#">VitalSignsDT</a> )
<b>Additional Rules</b>	

# 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

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

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



# 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:

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

# 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes, but null value is blank or empty
<b>Multi Entry</b>	Yes
<b>Min value</b>	0
<b>Max value</b>	300
<b>Acceptable Field Values</b>	
<b>Related Elements</b>	
<b>Additional Rules</b>	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:

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

# 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:

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

# 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:

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

# 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:

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

# 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 an 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes, but null value is blank or empty
<b>Multi Entry</b>	Yes
<b>Min value</b>	0
<b>Max value</b>	100
<b>Acceptable Field Values</b>	
<b>Related Elements</b>	
<b>Additional Rules</b>	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                      0 Low

## 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. The same methodology is followed for the “Low” value where “0” is entered.

## Uses

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

## Validation Rules:

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



# 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:

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

**TEMPERATURE** {New Element for 2009}

E14\_20

**Data Format** [number]

**Definition**

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

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

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

**Required in XSD** **No**                      **Minimum Constraint** **0**                      **Maximum Constraint** **50**

XSD Structure: (1) Each element is section E14 is associated with a E14\_01 Date/Time. (2) E14\_20 and E14\_21 are members of E14\_20\_0 Temperature Structure.

**Field Values**

- Relevant Value for Data Element & Patient Care

**Uses**

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

**Validation Rules:**

<b>Data Type</b>	Decimal
<b>Null Allowed</b>	Yes, but null value is blank or empty
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	Some value between 0 and 200 OR blank
<b>Related Elements</b>	
<b>Additional Rules</b>	

# 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	
<b>Additional Rules</b>	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:

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

# 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:

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



# 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	4605	Magnesium Sulfate
4600	Activated Charcoal	4615	Mannitol
4610	Adenosime	4625	Meperidine
4620	Albuterol	4635	Metaproterenol
4630	Amiodarone	4645	Methylprednisolone
4640	Amyl Nitrite	4655	Metoprolol
4650	Aspirin	4665	Midazolam Hydrochloride
4660	Atenolol	4675	Morphine Sulfate
4670	Atropine Sulfate	4685	Naloxone
4680	Butorphanol	4695	Nitroglycerine
4690	Calcium Chloride	4705	Nitroglycerine Paste
4700	Dexamethasone	4715	Nitrous Oxide/Oxygen
4710	Dextrose 50%	4725	Norepinephrine
4720	Diazepam	4735	Oxygen
4730	Diltiazem	4745	Oxytocin
4740	Diphenhydramine	4755	Pancuronium
4750	Dobutamine	4765	Phenergan
4760	Droperidol	4775	Phenytoin
4770	Epinephrine 1:10,000	4785	Pralidoxime
4780	Epinephrine 1:1000	4795	Procardia
4790	Etomidate	4805	Propranolol
4800	Fentanyl	4815	Racemic Epinephrine
4810	Flumazenil	4825	Reteplase
4820	Furosemide	4835	Sodium Bicarbonate
4830	Glucagon	4845	Streptokinase
4840	Haloperidol Lactate	4855	Succinylcholine
4850	Heparin Sodium	4865	Syrup of Ipecac
4860	Ipratropium Bromide	4875	Tetracaine
4870	Isoproterenol	4885	Thiamine
4880	Labetalol	4895	Tissue Plasminogen Activator
4890	Lidocaine	4905	Vasopressin
4900	Lidocaine Drip	4915	Verapamil
4910	Lorazepam	4925	Normal Saline (NS)
4920	Lactated Ringers (LR)	4935	Dopamine
4930	Dextrose 5% Water (D5W)		

## 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:**

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



# 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:

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

# 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:

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

# 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:

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

# RESPONSE TO MEDICATION

E18\_07

**Data** [combo] single-choice

## Definition

The patient's response to the medication.

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

**Required in XSD** No

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

## Field Values

- 25 Not Applicable
- 5 Not Available
- 4380 Unchanged
- 10 Not Known
- 4375 Improved
- 4385 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	18_03( <b>MedGiven</b> )
<b>Additional Rules</b>	<ul style="list-style-type: none"> <li>• If 18_07(<b>Response to Medication</b>) NOT = -20 then 18_03(<b>MedGiven</b>) NOT = -20</li> </ul>

# 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:

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

# 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:

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



# 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)
- Local agencies may use and transmit any valid ICD-9 code value (in decimal format) for this field; this code value will also be passed to the NEMSIS national database
- The Data Unit will maintain a standard list of codes and their associated descriptions as illustrated in this document; any code value that is transmitted to the EMSTARS database and not contained within this standard list will be displayed as "Other-Not Listed"
- If an agency requires the use of a code value not found in the standard list contained in this document, they should update their list of procedures (D04\_04) and submit an updated Demographics extract
- The Data Unit will monitor the transmission of codes and will expand the standard list, based on updated Demographics extracts (at least annually), to accommodate the expanded code usage.

## 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:

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



# 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:

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



# 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:

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



# 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:

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

# 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:

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

# 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

5071 VA or Military Hospital

5072 Out of State

## 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 "VA or Military Hospital" for hospitals not licensed by the Florida Agency for Healthcare Administration (AHCA)

Use "Out of State" for destinations outside of Florida

Use "other" for all other facilities 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:

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

# 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	2
<b>Max value</b>	10
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	20_10( <a href="#">IncidentPatientDisp</a> )
<b>Additional Rules</b>	



# 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          |   |
| 48301 Public Assist                          | 48302 Agency Assist                           |
| 48303 Unit Assist                            | 48151 Cancelled On Scene – No Patient Contact |

## Default Value

Agency Specific from list above

## Additional Information

- The custom values for “assist” should be used as follows:
  - Public Assist = providing assistance that is not necessarily emergency medical service such as helping up an elderly person who has fallen; there is no treatment delivered and no patient data is required
  - Agency Assist = providing assistance to another EMS provider such as lift assist or multiple agencies responding to a call
  - Unit Assist = providing assistance to another unit within your EMS provider agency such as multiple units working an MCI or cardiac call; the unit responsible for the patient (probably transport) will complete patient data; the other units would be listed only as “unit assist”

## 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:

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

# 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:

<b>Data Type</b>	Integer
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	20_10(IncidentPatientDisp)
<b>Additional Rules</b>	If 20_10(IncidentPatientDisp) = 4850 then 20_14 (TransportMode) 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) | 4995 Diversion                 |
| 5000 Family Choice                 | 5005 Insurance Status          |
| 5010 Law Enforcement Choice        | 5015 On-Line Medical Direction |
| 5020 Other                         | 5025 Patient Choice            |
| 5030 Patient's Physicians Choice   | 5035 Protocol                  |
| 5040 Specialty Resource Center     |                                |

## 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:

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

# 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:

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

# 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:**

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

# 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:

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

# RESEARCH SURVEY FIELD (VALUES)

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
- 9020 Cardiac Alert
- 9030 Airway
- 9040 Circulation
- 9050 Cutaneous
- 9060 Best Motor Response (BMR)
- 9070 Age
- 9080 GCS < 12
- 9090 Other Local Criteria
- 9015 Stroke Alert
- 9025 Mass Casualty Incident
- 9035 Consciousness
- 9045 Fracture
- 9055 Size
- 9065 Longbone Fracture
- 9075 Mechanism of Injury
- 9085 Paramedic Judgement

{New values for 2009}

## Default Value

-20 Not Recorded

## Validation Rules:

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



# RESEARCH SURVEY FIELD (TITLES)

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

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

XSD Structure: Elements E23\_09 and E23\_11 are members of E23\_09\_0 Research Data Structure

## Field Values

Florida Alert Type

Adult Trauma Scorecard – Single

Adult Trauma Scorecard – Dual

Pediatric Trauma Scorecard – Single

Pediatric Trauma Scorecard – Dual

{New values for 2009}

## 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

# 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.
- This is 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:

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

# 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:

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

# 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:

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

# 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:

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

# 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:

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

# 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

6110 EMT-Paramedic

6112 Physician

6111 Nurse

6120 First Responder

## Additional Information

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

## 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:

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

# 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

<b>5810</b> Community, Non-Profit	<b>5820</b> Fire Department
<b>5830</b> Governmental, Non-Fire	<b>5840</b> Hospital
<b>5850</b> Private, Non-Hospital	<b>5860</b> 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:

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



# 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:

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

# 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:

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

# 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:

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

# 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 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:

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

# 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:

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

# 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:

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

# 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:

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

# 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:

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



# 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:

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

# 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:

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

# 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:

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

# 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:

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

# 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:

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

# 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:

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

# 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:

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

# 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:

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



# 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:

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

# 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:

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

# 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:

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

# 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	2
<b>Max value</b>	20
<b>Acceptable Field Values</b>	Alpha entry with length between 2 and 20
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	<b>IF</b> D01_01 (EMSAgencyNo) exist <b>THEN</b> 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	1
<b>Max value</b>	20
<b>Acceptable Field Values</b>	Alpha entry with length between 1 and 20
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	2
<b>Max value</b>	30
<b>Acceptable Field Values</b>	Alphanumeric entry with length between 2 and 30
<b>Related Elements</b>	D01_01( <b>EMSAgencyNo</b> )
<b>Additional Rules</b>	<b>IF</b> D01_01 ( <b>EMSAgencyNo</b> ) exist <b>THEN</b> D03_04 ( <b>DirectorAddress</b> ) 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	2
<b>Max value</b>	30
<b>Acceptable Field Values</b>	A valid 5 digit FIPS numeric code
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	2
<b>Max value</b>	2
<b>Acceptable Field Values</b>	A valid 2 digit FIPS numeric code
<b>Related Elements</b>	D01_01( <b>EMSAgencyNo</b> )
<b>Additional Rules</b>	<b>IF</b> D01_01 ( <b>EMSAgencyNo</b> ) exist <b>THEN</b> D03_06 ( <b>DirectorState</b> ) 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	5
<b>Max value</b>	10
<b>Acceptable Field Values</b>	A valid Zip code
<b>Related Elements</b>	D01_01( <b>EMSAgencyNo</b> )
<b>Additional Rules</b>	<b>IF</b> D01_01 ( <b>EMSAgencyNo</b> ) exist <b>THEN</b> D03_07 ( <b>DirectorZipCode</b> ) Must Have a value  <b>FORMAT</b> 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	2
<b>Max value</b>	10
<b>Acceptable Field Values</b>	Numeric entry with length between 2 and 10
<b>Related Elements</b>	D01_01
<b>Additional Rules</b>	<b>IF</b> D01_01 ( <b>EMSAgencyNo</b> ) exist <b>THEN</b> D03_08 ( <b>DirectorPhone</b> ) 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	No
<b>Min value</b>	2
<b>Max value</b>	10
<b>Acceptable Field Values</b>	Numeric entry with length between 2 and 10
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	No
<b>Min value</b>	2
<b>Max value</b>	100
<b>Acceptable Field Values</b>	Alphanumeric value between 2 and 100
<b>Related Elements</b>	D01_01( <b>EMSAgencyNo</b> )
<b>Additional Rules</b>	<b>IF</b> D01_01 ( <b>EMSAgencyNo</b> ) exist <b>THEN</b> D03_01 ( <b>DirectorEmail</b> ) 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
- 93.931 Airway-BVM
- 98.130 Airway-Cleared
- 93.900 Airway-CPAP
- 96.991 Airway-Intubation Confirm CO2
- 96.052 Airway-Laryngeal Mask
- 96.041 Airway-Nasotracheal Intubation
- 31.110 Airway-Needle Cricothyrotomy
- 96.040 Airway-Orotracheal Intubation
- 96.042 Airway-Rapid Sequence Induction
- 98.150 Airway-Suctioning
- 96.700 Airway-Ventilator Operation
- 38.910 Arterial Access-Blood Draw
- 89.700 Assessment-Adult
- 38.995 Blood Glucose Analysis
- 89.510 Cardiac Monitor
- 99.626 Cardiac Pacing-Transvenous
- 99.640 Carotid Massage
- 34.042 Chest Tube Placement
- 1.181 CNS Catheter-Epidural Maintenance
- 99.600 CPR
- 86.280 Decontamination
- 99.622 Defibrillation-Manual
- 100.200 Extrication
- 37.611 Intra-Aortic Balloon Pump
- 96.070 Nasogastric Tube Insertion
- 89.702 Pain Measurement
- 100.100 Rescue
- 99.842 Restraints-Physical
- 93.540 Splinting-Basic
- 89.703 Temperature Measurement
- 57.940 Urinary Catheterization
- 89.620 Venous Access-Central Line Maintenance
- 38.991 Venous Access-Existing Catheter
- 38.992 Venous Access-Extremity
- 39.995 Venous Access-Internal Jugular Line
- 41.921 Venous Access-Intraosseous Pediatric
- 89.640 Venous Access-Swan Ganz Maintenance
- 96.03 Airway – King Tube
- 93.52 C-collar or cervical immobilization
- 93.93 Airway – Mouth-to-mouth
- 96.51 Irrigation of Eyes
- 89.51 3-lead ECG
- 93.930 Airway-Bagged
- 97.230 Airway-Change Tracheostomy Tube
- 96.051 Airway-Combitube
- 96.030 Airway-EOA/EGTA
- 96.992 Airway-Intubation Confirm Esophageal Bulb
- 96.010 Airway-Nasal (NPA)
- 93.940 Airway-Nebulizer Treatment
- 96.020 Airway-Oral (OPA)
- 96.790 Airway-PEEP
- 93.910 Airway-Respirator Operation (BLS)
- 31.120 Airway-Surgical Cricothyrotomy
- 96.701 Airway-Ventilator with PEEP
- 89.610 Arterial Line Maintenance
- 89.701 Assessment-Pediatric
- 89.391 Capnography
- 99.624 Cardiac Pacing-External
- 99.623 Cardioversion
- 34.041 Chest Decompression
- 73.590 Childbirth
- 1.182 CNS Catheter-Intraventricular Maintenance
- 99.601 CPR by External Automated Device
- 99.621 Defibrillation-Automated (AED)
- 99.625 Defibrillation-Placement for Monitoring/Analysis
- 99.290 Injections-SQ/IM
- 93.580 MAST
- 89.590 Orthostatic Blood Pressure Measurement
- 89.392 Pulse Oximetry
- 99.841 Restraints-Pharmacological
- 93.591 Spinal Immobilization
- 93.450 Splinting-Traction
- 89.704 Thrombolytic Screen
- 38.990 Venous Access-Blood Draw
- 39.997 Venous Access-Discontinue
- 38.993 Venous Access-External Jugular Line
- 38.994 Venous Access-Femoral Line
- 41.920 Venous Access-Intraosseous Adult
- 39.996 Venous Access-Subclavian Line
- 93.057 Wound Care
- 93.57 Burn Sheet or Occlusive Dressing
- 93.59 CPR Board or KED
- 96.59 Irrigation of Wound
- 99.69 Valsalva Maneuver
- 89.52 4-lead ECG

- 74.0 C-Section (removal of fetus)
- 39.96 Fluid challenge/Volume replacement
- 86.09 Escharotomy
- 937.9 Sedation
- 89.55 Acoustic Cardiology
- 94.19 Psychological First Aid
- 39.98 Bleeding control
- 96.7901 Impedance Threshold Device (ITD)

**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)
- Local agencies may use and transmit any valid ICD-9 code value (in decimal format) for this field; this code value will also be passed to the NEMSIS national database
- The Data Unit will maintain a standard list of codes and their associated descriptions as illustrated in this document; any code value that is transmitted to the EMSTARS database and not contained within this standard list will be displayed as “Other-Not Listed”
- If an agency requires the use of a code value not found in the standard list contained in this document, they should update their list of procedures (D04\_04) and submit an updated Demographics extract
- The Data Unit will monitor the transmission of codes and will expand the standard list, based on updated Demographics extracts (at least annually), to accommodate the expanded code usage.

**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:**

<b>Data Type</b>	Decimal
<b>Null Allowed</b>	No
<b>Multi Entry</b>	Yes
<b>Min value</b>	0
<b>Max value</b>	1000
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	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:**

<b>Data Type</b>	Integer
<b>Null Allowed</b>	No
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	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)
- 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.
- Enter code, "5071" for VA or Military hospitals that are not licensed by AHCA

## 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	IF D01_01 (EMSAgencyNo) exist THEN D04_12 (HospitalFacilityNumber) 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	Yes
<b>Min value</b>	
<b>Max value</b>	
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	IF D01_01 (EMSAgencyNo) exist THEN D04_14 (DestinationFacilityNumber) 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	Yes
<b>Multi Entry</b>	Yes
<b>Min value</b>	2
<b>Max value</b>	15
<b>Acceptable Field Values</b>	Some valid state licensure number with length between 2 and 15
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	IF D01_01 (EMSAgencyNo) exist THEN D07_02 (StateLicensureID) 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:

<b>Data Type</b>	Date
<b>Null Allowed</b>	No
<b>Multi Entry</b>	Yes
<b>Min value</b>	01/01/1920
<b>Max value</b>	01/01/2030
<b>Acceptable Field Values</b>	
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	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
- 10101 Respiratory Therapist
- 10103 Nurse Practitioner
- 6111 Nurse
- 6120 First Responder
- 10102 Physicians Assistant

## 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	Yes
<b>Min value</b>	2
<b>Max value</b>	30
<b>Acceptable Field Values</b>	From list above
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	IF D01_01 (EMSAgencyNo) exist THEN D07_05 (PersonnelLevelofCertification) 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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	Yes
<b>Min value</b>	2
<b>Max value</b>	20
<b>Acceptable Field Values</b>	Some Name with length between 2 and 20
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	Yes
<b>Min value</b>	1
<b>Max value</b>	20
<b>Acceptable Field Values</b>	Some Name with length between 2 and 20
<b>Related Elements</b>	D01_01(EMSAgencyNo)
<b>Additional Rules</b>	IF D01_01 (EMSAgencyNo) exist THEN D08_02 (PersonnelMiddleInitial) 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.      -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:

<b>Data Type</b>	String
<b>Null Allowed</b>	No
<b>Multi Entry</b>	Yes
<b>Min value</b>	1
<b>Max value</b>	20
<b>Acceptable Field Values</b>	Some Name with length between 2 and 20
<b>Related Elements</b>	D01_01( <b>EMSAgencyNo</b> )
<b>Additional Rules</b>	<b>IF</b> D01_01 ( <b>EMSAgencyNo</b> ) exist <b>THEN</b> D08_03 ( <b>PersonnelFirstname</b> ) Must Have a value