



FLORIDA'S

PREHOSPITAL

EMERGENCY MEDICAL SERVICES

TRACKING & REPORTING SYSTEM

Data Dictionary 1.4

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1. INTRODUCTION

The purpose of this data dictionary document is to present the policies for data submission to the prehospital EMS Tracking and Reporting System (EMSTARS) Program based on the Florida Data Dictionary Version 1.4. This document contains the following:

- Administrative Policies and Procedures for File Submissions
- EMSTARS Version 1.4 Data Elements

Additional reference material is available on the EMSTARS Website at www.floridaemstars.com.

2. SUBMISSION FORMAT

All records submitted to the EMSTARS system must conform to the EMSTARS Florida EMS Data Dictionary Version 1.4 or Version 3.0 (available online at www.floridaemstars.com). An “extract” generally refers to the demographic and incident level records that are extracted from the provider agency’s software system to an XML file for transmission to the DOH system site.

3. DEMOGRAPHIC DATA SUBMISSION

Demographic data, as defined in the Florida EMS Data Dictionaries, must be submitted once per year in January. All required demographic information must be maintained on the provider’s information system and transmitted in the required format by January 31st of every year at a minimum. A provider may elect to do more frequent demographic submissions.

The exception to the annual submission requirements is when contact information changes for the agency itself (physical or mailing address), agency contact information, or the medical director. When this occurs, the agency must submit their updated demographic information within 30 days of the change. .

4. EVENT RECORDS SUBMISSION TIMEFRAME

At a minimum, agencies are required to submit event records monthly. All records for the preceding month must be submitted to the EMSTARS system by the end of the following month. For example, records for the month of January must be submitted no later than February 28 and records for June must be submitted no later than July 31.

These deadlines apply uniformly to agencies and to vendors who may submit records on behalf of the agency. Agencies, or their vendors, may elect to submit records more frequently than once per month. An agency or a vendor may submit more frequently than monthly submissions.

5. SUBMISSION STATUS REVIEW

The EMSTARS system provides detailed information on each file transfer, including a data validation score and additional information on invalid records and fields. Agencies must review and acknowledge the submitted records within 60 days of submission.

Where records contain invalid fields, the Key User is presented with a detailed report regarding the fields that were flagged as invalid. These invalid records must be corrected and resubmitted within 60 days of initial submission.

Each provider's data validation quality is monitored on a regular basis and given a validation score. A provider must maintain a monthly validation score of 90% or better.

6. EXTENSIONS

Extension requests are submitted within the EMSTARS system by the EMS agency. The department will consider all requests and will grant or deny the extension request, or suggest an alternate date, based on the individual situation. All approvals are at the discretion of the department.

Disaster reprieves will be enacted by the department in accordance with a Governor's Declaration. The list of impacted providers will vary based on the counties / regions specified within the disaster declaration. The length of the reprieve from submitting monthly data will be based on the individual disaster characteristics.

7. SUBMITTING ZERO RECORDS

A provider must indicate within the EMSTARS system if there are no EMS events for the month,

8. AGENCY CONTACT REQUIREMENTS

EMS agencies must designate at least two (2) staff to serve as the data contacts for the organization (agencies may designate as many data contact as they require to adequately support their user base). The contacts must be submitted within the EMSTARS system.

9. REPORTING PROTOCOLS

9.1 ***TREATED, TRANSFERRED CARE WITHIN AGENCY***

Presently, since the transfer occurred within the same agency, at a minimum 1 event record with patient care data is required for EMSTARS reporting. The record must be completed by the transport unit in accordance with F.S. 401 guidelines. Any need for additional reporting by additional units is governed by local agency protocols.

9.2 ***TREATED, TRANSFERRED CARE TO OTHER EMS***

Since the transfer occurred between 2 separate agencies, 2 event records with patient care data must be completed: 1 for each licensed EMS agency that encountered a patient.

9.3 ***ONE CALL, MULTIPLE UNITS RESPOND, MULTIPLE PATIENTS TREATED***

An event record with patient care data is required for each patient that is evaluated and / or treated. Also, as specified above, if patient care is transferred from one agency to another, an event record with patient care data is required for each agency.

The total number of event records, including patient care data, that are required depends on the number of different licensed EMS provider agencies that respond and the number of patients requiring evaluation and / or treatment.

9.4 *TREATED BY EMS AND RELEASED TO LAW ENFORCEMENT*

An event record with patient care data is required for each patient that is evaluated and / or treated.

9.5 *TREATED, TRANSPORTED BY PRIVATE VEHICLE*

An event record with patient care data is required for each patient that is evaluated and / or treated. This would include the appropriate incident patient disposition being recorded “treated, transported by POV (personal owned vehicle)”.

Note: Local protocols may dictate whether or not transport by POV is a viable method.

9.6 *ARRIVED AT SCENE, PATIENT DECEASED*

An event record is always required since service was requested and a unit responded. All applicable elements (times, delays, modes, etc.) must be completed with an incident disposition of “dead at scene”.

If another agency or unit calls in the patient as deceased prior to this unit’s arrival, it would constitute a cancelled call for the responding unit with an event record, including patient disposition (dead at scene).

9.7 *ARRIVED AT SCENE, NO PATIENT FOUND*

An event record is always required since service was requested and a unit responded. All applicable elements (times, delays, modes, etc.) must be completed with an incident disposition of “no patient found”.

Note: “No Patient Found” means that EMS arrived and there was no person/patient present at the scene; it is not the same as “No Treatment Required” which is explained in section 1.15.

9.8 *ARRIVED AT SCENE, NO TREATMENT REQUIRED*

An event record is always required since service was requested and a unit responded. All applicable elements (times, delays, modes, etc.) must be completed. However, determination as to whether or not patient care data is required is governed by whether or not a patient encounter was made as defined in section 1.3. Two such examples are:

Cancelled on Scene – No Patient Contact

Where no complaint exists and a technician assesses that patient care is not required, then no patient contact has been made and no patient care data is required in the event record. This call would have a disposition of “Cancelled on Scene – No Patient Contact”.

No Treatment Required

If, however, the licensed healthcare professional does evaluate the patient and then determines that no further treatment is required, then applicable patient data is required because patient contact has been made. This call will have a disposition of “No Treatment Required” since there was a patient who was evaluated but no further treatment or transport is necessary.

Note: Some agencies do not allow a disposition of “No Treatment Required” if patient contact has been made. Some agencies dictate either transport or refusal based on their policies. Additionally, some agencies require patient data regardless of the treatment requirement. These guidelines do not interfere with these circumstances and are not meant to replace local protocols in this instance.

9.9 *ARRIVED AT SCENE, PATIENT REFUSED CARE*

An event record is always required since service was requested and a unit responded. All applicable elements (times, delays, modes, etc.) must be completed. This will include appropriate (or available) patient information and a patient / incident disposition of “patient refused care”. Agency protocols for signing a refusal should be followed.

9.10 *ARRIVED AT SCENE, TREATED AND RELEASED*

An event record, including required patient and treatment information, is required for each patient that is evaluated and / or treated. Since “release” criteria may vary by provider, local agency protocols should be followed.

9.11 *TRANSPORTS TO OR FROM DOCTOR OFFICE, OUTPATIENT, REHAB, NURSING HOME, ETC.*

This covers any medically necessary transport in a licensed vehicle that is not hospital to hospital. An event record with the appropriate service, patient, and treatment information is required.

9.12 *MUTUAL AID (COMMON)*

Mutual Aid (Common) is defined as a response outside of an agency’s “Area of service” and at the request of another licensed agency. Event records with or without patient care data are required as specified in previous sections.

9.13 *MUTUAL AID (DISASTER RELATED DEPLOYMENT)*

The provision of mutual assistance to a requesting party(s) for the control of fire, fire prevention, emergency medical services, hazardous materials, and/or other emergency support in the event of a major disaster or other emergency. Due to the seriousness of Disaster Related Deployments and the focus on patient care, normal event and patient care reporting procedures may not be practical. An agency’s staff will attempt to follow all guidelines and capture as much data as possible; however, the primary role of the EMS crew is patient care.

9.14 *MASS CASUALTY INCIDENT*

Mass Casualty Incident is defined as an event that overwhelms an agency’s EMS resources. While generally considered more than 5 patients requiring treatment, the actual number may vary between agencies. Guidelines are

provided in the Florida Field Operations Guide (FOG) - accessible at <http://www.fl-ems.com/MCI-CommandOfficersFOGs-State.pdf>.

Due to the seriousness of MCIs and the focus on patient care, normal event and patient care reporting procedures may not be practical. An agency's staff will attempt to follow all guidelines and capture as much data as possible; however, the primary role of the EMS crew is patient care.

9.15 *STANDBY*

For the type of service requested, a "standby" is defined as any dispatched special event type where EMS service is requested in case patient care is required. This applies to coverage at scheduled events such as sporting events, entertainment venues, concerts, public relations, etc.

The "standby" service type applies any time an agency has a dedicated EMS crew or unit that provides primary care as needed without transporting.

An event record is always required since service was requested and a unit was dispatched and responded. If a patient is evaluated and / or treated as a result of this standby service request, then appropriate patient care data will be added to this event record or the event record for the transport agency.

If the event concludes with no patient evaluation and / or treatment requested, then no patient data is required in the event record and the incident disposition will be "no treatment required". All other appropriate service delivery information such as response mode, delays, date / times, etc. are required in the event record.

The "standby" call type does not include any requests for service initiated by a 911 type of call such as responses to a bomb, a hostage situation, fire response, SWAT, etc. where a unit may be staged before arriving at the scene or patient. All applicable delays should be recorded.

Non-dispatched service does not qualify as an EMS event and, therefore, no event record is required.

9.16 *OUT OF STATE REPORTING*

For providers that operate EMS services in other states, reporting of EMS events should be conducted as follows:

If the response either originates (the scene) or terminates (the destination) within Florida, then an EMSTARS event record is required. For example, if a provider responds to a scene in Marianna, Florida and transports the patient(s) to Dothan, Alabama, then Florida reporting applies. Also, if a provider responds to a scene in Thomasville, Georgia and transports the patient(s) to Tallahassee, then Florida reporting applies. Any time either the scene of the event or the destination facility is within this state, Florida reporting applies.

There may also be additional reporting requirements for the other state in which the event either originated or terminated. The department does not govern these requirements and it is the responsibility of the individual provider agency to investigate and to comply with the other state's reporting guidelines.

Finally, if a licensed Florida provider responds to a scene, and transports a patient to a facility, and both the scene and facility transported to are outside of Florida, then no EMSTARS EMS event record is required.

9.17 *CANCELLED CALLS*

If a unit is cancelled after being dispatched, an event record with the appropriate minimal information (date/time fields, type of service requested, incident disposition, etc.) must be completed and sent to the EMSTARS database.

Notes:

Even though no patient encounter was made and no patient or treatment information is required, an EMS event did occur and, therefore, a report with the required information, including incident or patient disposition, must be completed.

The program recognizes that once the unit is dispatched, data on the EMS event may actually be collected in systems not currently integrated with the agency's ePCR reporting solution such as their CAD or NFIRS systems.

10. FLORIDA DEFINITIONS

EMS Event

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

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.

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:

- 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 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.

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.

Attempt:

The execution of a procedure as planned or defined in protocol. It does not matter whether or not it was completed, only that it was attempted.

Successful Procedure:

The completion of the procedure as planned or defined in protocol. This act of a successful procedure has no correlation on the outcome of that procedure or patient.

Intercept (Rendezvous):

For the type of service requested, an “intercept” is defined as where another unit or agency is requested to respond and meet the initial transporting unit at any location other than the scene.

Interfacility Transfer:

As defined in F.S. 401, the transportation by ambulance of a patient between two facilities licensed under Chapter 393, 395, or 400. An event record with the appropriate service, patient, and treatment information is required.

Mass Casualty Incident:

An incident that overwhelms an agency’s EMS resources.

Mutual Aid (Common):

A response outside of an agency’s “Area of service” and at the request of another licensed agency.

Mutual Aid (Disaster Related Deployment):

The provision of mutual assistance to a requesting party(s) for the control of fire, fire prevention, emergency medical services, hazardous materials, and/or other emergency support in the event of a major disaster or other emergency.

Standby:

Any dispatched special event type where EMS service is requested in case patient care is required. This applies to coverage at scheduled events such as sporting events, entertainment venues, concerts, public relations, etc.

Transfer of Care:

Transfer of care occurs when patient care responsibilities is transferred and a verbal report on patient’s care and/or condition is given to update the healthcare provider who is assuming responsibility for continuation of patient care.

11. EMSTARS 1.4 DATA ELEMENTS

COMMON NULL VALUES

Definition

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

Field Values

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

Additional Information

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

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.

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 response 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 positioning / 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 drugs, 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
- Patient number (E01_01), Agency number (E02_01), Incident number (E02_02), and the Unit call sign (E02_12), combine to create a unique identifier

Validation Rules:

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

SOFTWARE CREATOR

E01_02**Data Format** [text]*National Element***Definition**

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

XSD Data Type *xs:string***XSD Domain (Simple Type)** *SoftwareCreatedBy***Multiple Entry Configuration** No**Accepts Null** No**Required in XSD** Yes**Minimum Constraint** 3**Maximum Constraint** 30**Field Values**

A unique value; no variable list is possible.

Uses

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

Validation Rules:

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

SOFTWARE NAME

E01_03**Data Format** [text]*National Element*

Definition

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

XSD Data Type *xs:string***XSD Domain (Simple Type)** *SoftwareName***Multiple Entry Configuration** No**Accepts Null** No**Required in XSD** Yes**Minimum Constraint** 3**Maximum Constraint** 30

Field Values

A unique value; no variable list is possible.

Uses

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

Validation Rules:

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

SOFTWARE VERSION

E01_04**Data Format** [text]*National Element*

Definition

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

XSD Data Type *xs:string***XSD Domain (Simple Type)** *SoftwareVersion***Multiple Entry Configuration** No**Accepts Null** No**Required in XSD** Yes**Minimum Constraint** 3**Maximum Constraint** 30

Field Values

A unique value; no variable list is possible.

Uses

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

Validation Rules:

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

EMS AGENCY NUMBER

E02_01**Data Format** [text]*National Element***Definition**

The state-assigned provider number of the responding agency

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

A unique value; no variable list is possible.

Default Value

Agency Specific assigned by the Bureau

Additional Information

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

Uses

- A component of the EMS Medical Record: Patient Care Report
- Patient number (E01_01), Agency number (E02_01), Incident number (E02_02), and the Unit call sign (E02_12), combine to create a unique identifier
- Allows data to be sorted by the EMS Agency
- Important for grouping and comparing EMS Agencies in Benchmarking and Quality Management
- When linked to D01_02 provides the Agency name on the EMS Medical Record: Patient Care Report

Validation Rules:

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

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** Yes**Minimum Constraint** 2**Maximum Constraint** 15**Field Values****-25** Not Applicable**-10** Not Known**-5** Not Available

- Relevant Value for Data Element & Patient Care

Uses

- Component of the EMS Agency 911 or Dispatch information which serves as a link to identify and report other Dispatch information
- Patient number (E01_01), Agency number (E02_01), Incident number (E02_02), and the Unit call sign (E02_12), combine to create a unique identifier

Validation Rules:

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

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

301 Non-Standard Call

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.

Non-Standard Call: Non-Standard Call covers an EMS Event Record in which the date/time elements do not follow a chronological flow and PSAP date/time occurs after patient contact such as a patient walk-up or drive by to a scene where the EMT or Paramedic begin to perform procedures on a patient prior to the incident being called into 911. The use of this option should only be used when applicable.

Uses

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

Validation Rules:

Data Type	integer
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_04 (Unit Notified by Dispatch Date/Time)
Additional Rules	<p>• IF 02_05 (Primary Role) = 60 Non-Transport THEN 02_04 (TypeOfService) may equal any value in (30, 35, 50, or 55)</p> <p>• IF 02_05 (Primary Role) = 75 Transport THEN 02_04 (TypeOfService) may equal any value in (30, 40, 50, 35, 45, or 55)</p>

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:

Data Type	integer
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_04(Unit Notified by Dispatch Date/Time), 02_04(Type Of Service), 22_01(Emergency Department Disposition), 22_02(Hospital Disposition)
Additional Rules	<p>• IF 02_05(Primary Role) = 60 THEN 02_04 (TypeOfService) must be equal to (30, 35, 50, or 55) 05_10(AtDestination) will not exist</p> <p>IF 02_05 (Primary Role) = 75 THEN 02_04 (TypeOfService) may be equal to any value in (30, 40, 50, 35, 45, or 55)</p>

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

Default Value

-20 Not Recorded

Uses

- Allows data to describe the status of Dispatch issues

Validation Rules:

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

TYPE OF RESPONSE DELAY

E02_07

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *TypeOfResponseDelay*

Multiple Entry Configuration Yes

Accepts Null Yes

Required in XSD Yes

Field Values

125 Crowd

135 Distance

145 HazMat

155 Other

165 Staff Delay

175 Vehicle Crash

185 Weather

130 Directions

140 Diversion

150 None

160 Safety

170 Traffic

180 Vehicle Failure

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

TYPE OF SCENE DELAY

E02_08

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *TypeOfSceneDelay*

Multiple Entry Configuration Yes

Accepts Null Yes

Required in XSD Yes

Field Values

190 Crowd

200 Distance

210 Extrication >20 min.

220 Language Barrier

230 Other

240 Staff Delay

250 Vehicle Crash

260 Weather

195 Directions

205 Diversion

215 HazMat

225 None

235 Safety

245 Traffic

255 Vehicle Failure

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

TYPE OF TRANSPORT DELAY

E02_09

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *TypeOfTransportDelay*

Multiple Entry Configuration Yes

Accepts Null Yes

Required in XSD Yes

Field Values

265 Crowd

275 Distance

285 HazMat

295 Other

305 Staff Delay

315 Vehicle Crash

325 Weather

270 Directions

280 Diversion

290 None

300 Safety

310 Traffic

320 Vehicle Failure

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From the list above
Related Elements	E05_09(LeftScene), E05_10(AtDestination) if E02_05 (PrimaryRole) = 75
Additional Rules	<ul style="list-style-type: none"> • If E02_05 (Primary Role of Unit) = 60 Non-Transport, Then E02_09 (Transport Delay) = 290 None or -20 Not Recorded • If E20_10 (Patient/Incident Disposition) = 4850 Treated and Transported by EMS, Then E02_09 (Transport Delay) cannot equal -20 Not Recorded

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

340 Documentation

350 Equipment Failure

360 None

370 Staff Delay

335 Decontamination

345 ED Overcrowding

355 Equipment Replenishment

365 Other

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:

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

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
- Patient number (E01_01), Agency number (E02_01), Incident number (E02_02), and the Unit call sign (E02_12), combine to create a unique identifier

Validation Rules:

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

RESPONSE MODE TO SCENE

E02_20

Data Format [combo] single-choice*National Element*

Definition

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

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

Field Values

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

Default Value

Agency Specific from 380, 385, 390, 395

Additional Information

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

Uses

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

Validation Rules:

Data Type	integer
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_05 (EnRoute)
Additional Rules	

COMPLAINT REPORTED BY DISPATCH

E03_01

Data Format [combo] single-choice

National Element

Definition

The complaint dispatch reported to the responding unit.

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ComplaintReportedByDispatch*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

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

Default Value

Agency Specific from list above

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

Uses

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

Validation Rules:

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

EMD PERFORMED

E03_02

Data Format [combo] single-choice

National Element

Definition

Indication of whether EMD was performed for this EMS event.

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *EMDPerformed*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-10 Not Known

-5 Not Available

0 No

570 Yes, With Pre-Arrival Instructions

575 Yes, Without Pre-Arrival Instructions

Additional Information

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

Default Value

Agency Specific from list above

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_04(UnitNotified)
Additional Rules	<ul style="list-style-type: none"> • IF 02_04(TypeOfServiceRequested) = 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 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

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

Validation Rules:

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

PSAP CALL DATE/TIME

E05_02

Data Format [date/time]

National Element

Definition

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

XSD Data Type

xs:dateTime

XSD Domain (Simple Type)

DateTime

Multiple Entry Configuration

No

Accepts Null

Yes, but null value is blank or empty

Required in XSD Yes

Minimum Constraint 1,990

Maximum Constraint 2,030

Field Values

Relevant Value for Data Element & Patient Care

Additional Information

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

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

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

Uses

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

Validation Rules:

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

Data Type	dateTime
Null Allowed	No
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	<=05_05(Enroute) AND >= 06_16(DOB) IF 05_02(PSAPCallTime) or 05-03(dispatchNotified) exists THEN, 05_04(UnitNotified) must be >= 05_02(PSAPCallTime) OR 05-03(dispatchNotified)
Related Elements	•01_01(PCR No), 01_02(s/w Creator), 01_03(s/w Name), 01_04(s/w Version), 02_01(EMSAgencyNo), 02_04(TypeOfService), 02_05(PrimaryRole), 02_12(EMSUnitCallSign), 03_01(Complaint), 03_02(EMDPerformed)
Additional Rules	•IF 06_14 (Age) <=8 and 06_15 (AgeUnits) = hours THEN 05_01 (IncidentDT) may be < = 06_16 (DOB – 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:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	Value >= 05_04(UnitNotified) AND >= 06_16(DOB) AND <= 05_06(OnScene)
Related Elements	02_20(ResponseMode), 02_07(ResponseDelay), 20_10(TurnAroundDelay)
Additional Rules	• IF 06_14 (Age) <=8 and 06_15 (AgeUnits) = hours THEN 05_01 (IncidentDT) may be < = 06_16 (DOB – 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:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	Value >= 05_05(Enroute) AND <= 05_07 (AtPatient)(if exists) AND >= 06_16(DOB)
Related Elements	02_07(ResponseDelay), 02_08(SceneDelay)
Additional Rules	•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:

Data Type	dateTime
Null Allowed	Yes, but null value is blank
Multi Entry	No
Min value	01/01/07
Max value	Current date of submittal
Acceptable Field Values	<=05_09(leftScene if exists) AND >= 06_16(DOB)
Related Elements	08_05, 08_06, 08_07, 08_15, 06_01, 06_02 06_08, 06_10, 06_11, 06_12, 06_13, 06_14, 06_15, 06_16
Additional Rules	IF 05_07(AtPatient) exists THEN •06_01(LastName) cannot have -20 •06_02(FirstName) cannot have -20 •06_08(ZipCode) cannot have -20 •06_10(SSN) cannot have -20 •06_11(Gender) cannot have -20 •06_12(Race) cannot have -20 •06_13(Ethnicity) cannot have -20 •06_14(Age) has to have a valid value •06_15(AgeUnits) in (700, 705, 710, 715) •08_05(NoOfPatients) cannot have -20 •08_06(MassCasualty) cannot have -20 •08_07(LocationType) cannot have -20 •08_15(ZipCode) cannot have -20 •12_01(Barriers) cannot have -20 •12_19(AlcoholDrug) cannot have -20

UNIT LEFT SCENE DATE/TIME

E05_09

Data Format [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

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

Required in XSD Yes

Minimum Constraint 1,990

Maximum Constraint 2,030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

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

PATIENT ARRIVED AT DESTINATION DATE/TIME

E05_10

Data Format [date/time]

National Element

Definition

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

XSD Data Type

xs:dateTime **XSD Domain (Simple Type)** *DateTime*

Multiple Entry Configuration No

Accepts Null

Yes, but null value is blank **see notes

Required in XSD Yes

Minimum Constraint 1,990

Maximum Constraint 2,030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

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

UNIT BACK IN SERVICE DATE/TIME

E05_11

Data Format [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null 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

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

Uses

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

Validation Rules:

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

UNIT CANCELLED DATE/TIME

E05_12

Data Format [date/time]

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null

Yes, but null value is blank or empty

Required in XSD Yes

Minimum Constraint 1990

Maximum Constraint 2030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

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

UNIT BACK AT HOME LOCATION DATE/TIME

E05_13

Data Format [date/time]

National Element

Definition

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

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration No

Accepts Null

Yes, but null value is blank **see notes

Required in XSD Yes

Minimum Constraint 1,990

Maximum Constraint 2,030

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

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

LAST NAME

E06_01**Data Format** [text]**Definition**

The patient's last (family) name

XSD Data Type *xs:string***XSD Domain (Simple Type)** *LastName***Multiple Entry Configuration** No**Accepts Null** Yes**Required in XSD** Yes**Minimum Constraint** 2**Maximum Constraint** 20**Field Values**

-25 Not Applicable

-5 Not Available

-10 Not Known

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

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

FIRST NAME

E06_02

Data Format [text]

Definition

The patient's first (given) name

XSD Data Type *xs:string*

XSD Domain (Simple Type) *FirstName*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Minimum Constraint 1

Maximum Constraint 20

Field Values

-25 Not Applicable

-5 Not Available

-10 Not Known

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

Data Type	string
Null Allowed	Yes
Multi Entry	No
Min value	1
Max value	20
Acceptable Field Values	All alphabets, apostrophe (') and dash (-).
Related Elements	05_07(AtPatient)
Additional Rules	<ul style="list-style-type: none"> •If 05_07 (AtPatient) has a valid value, 06_02 (FirstName) cannot be -20.

PATIENT'S HOME ZIP CODE

E06_08

Data Format [text]

National Element

Definition

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

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

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 10

Field Values

-25 Not Applicable

-5 Not Available

-10 Not Known

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

Data Type	string
Null Allowed	Yes
Multi Entry	No
Min value	2
Max value	10
Acceptable Field Values	
Related Elements	05_07 (AtPatient)
Additional Rules	<ul style="list-style-type: none"> • If 05_07 (AtPatient) has a valid value, 06_08 (ZipCode) cannot be - 20.

SOCIAL SECURITY NUMBER

E06_10

Data Format [number]

Definition

The patient's social security number

XSD Data Type *xs:string*

XSD Domain (Simple Type) *SocialSecurityNumber*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 9

Field Values

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

-10 Not Known

Additional Information

- 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:

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

GENDER

E06_11

Data Format [combo] single-choice

National Element

Definition

The patient's gender

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *Gender*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-10 Not Known

650 Male

655 Female

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

RACE

E06_12

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *Race*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-10 Not Known

660 American Indian or Alaska Native

670 Black or African American

680 White

-15 Not Reporting

665 Asian

675 Native Hawaiian or Other Pacific Islander

685 Other Race

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

ETHNICITY

E06_13

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *Ethnicity*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-10 Not Known

-15 Not Reporting

690 Hispanic or Latino

695 Not Hispanic or Latino

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

AGE

E06_14

Data Format [number]

National Element

Definition

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

XSD Data Type *xs:integer*
XSD Domain (Simple Type) *Age*
Multiple Entry Configuration No

Accepts Null Yes, but null value is blank or empty

Required in XSD Yes

Minimum Constraint 1

Maximum Constraint 120

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- In most instances, Age will be calculated from Date of Birth (E06_16)
- If age is known but DOB is unknown, enter the known age in this field
- If DOB is not available, enter an estimated age in this field

Uses

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

Validation Rules:

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

AGE UNITS

E06_15

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *AgeUnits*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-10 Not Known

700 Hours

710 Months

705 Days

715 Years

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	06_14(Age)
Additional Rules	<ul style="list-style-type: none"> • If 06_14 (Age) has a valid value, 06_15 (AgeUnits) must have a value other than -20.

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 Yes

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

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

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

Uses

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

Validation Rules:

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

PRIMARY METHOD OF PAYMENT

E07_01**Data Format** [combo] single-choice*National Element***Definition**

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

XSD Data Type *xs:integer***XSD Domain (Simple Type)** *PrimaryMethodOfPayment***Multiple Entry Configuration** No**Accepts Null** Yes**Required in XSD** Yes**Field Values****-25** Not Applicable**-10** Not Known**720** Insurance**725** Medicaid**735** Not Billed (for any reason)**745** Self Pay**-5** Not Available**730** Medicare**740** Other Government**750** Workers Compensation**Default Value****-20** Not Recorded**Uses**

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

Validation Rules:

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

CMS SERVICE LEVEL

E07_34

Data Format [combo] single-choice

National Element

Definition

The CMS service level for this EMS encounter.

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *CMSServiceLevel*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

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

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:

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

CONDITION CODE NUMBER**E07_35****Data Format** [combo] multiple-choice**National Element****Definition**

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

XSD Data Type *xs:integer***XSD Domain (Simple Type)** *ConditionCodeNumber***Multiple Entry Configuration**

Yes, via structure

Accepts Null

Yes

Required in XSD Yes**Minimum Constraint** 2**Maximum Constraint** 30**Field Values**

8001 Severe Abdominal Pain (ALS-789.00)	8002 Abdominal Pain (ALS-789.00)
8003 Abnormal Cardiac Rhythm/Cardiac Dysrhythmia (ALS-427.9)	8004 Abnormal Skin Signs (ALS-780.8)
8005 Abnormal Vital Signs (ALS-796.4)	8006 Allergic Reaction (ALS-995.0)
8007 Allergic Reaction (BLS-692.9)	8008 Blood Glucose (ALS-790.21)
8009 Respiratory Arrest (ALS-799.1)	8010 Difficulty Breathing (ALS-786.05)
8011 Cardiac Arrest-Resuscitation in Progress (ALS-427.5)	8012 Chest Pain (non-traumatic) (ALS-786.50)
8013 Choking Episode (ALS-784.9)	8014 Cold Exposure (ALS-991.6)
8015 Cold Exposure (BLS-991.9)	8016 Altered Level of Consciousness (non-traumatic) (ALS-780.01)
8017 Convulsions/Seizures (ALS-780.39)	8018 Eye Symptoms (non-traumatic) (BLS-379.90)
8019 Non Traumatic Headache (ALS-437.9)	8020 Cardiac Symptoms other than Chest Pain (palpitations) (ALS-785.1)
8021 Cardiac Symptoms other than Chest Pain (atypical pain) (ALS-536.2)	8022 Heat Exposure (ALS-992.5)
8023 Heat Exposure (BLS-992.2)	8024 Hemorrhage (ALS-459.0)
8025 Infectious Diseases requiring Isolation/Public Health Risk (BLS-038.9)	8026 Hazmat Exposure (ALS-987.9)
8027 Medical Device Failure (ALS-996.0)	8028 Medical Device Failure (BLS-996.3)
8029 Neurologic Distress (ALS-436.0)	8030 Pain (Severe) (ALS-780.99)
8031 Back Pain (non-traumatic possible cardiac or vascular) (ALS-724.5)	8032 Back Pain (non-traumatic with neurologic symptoms) (ALS-724.9)
8033 Poisons (all routes) (ALS-977.9)	8034 Alcohol Intoxication or Drug Overdose (BLS-305.0)
8035 Severe Alcohol Intoxication (ALS-977.3)	8036 Post-Operative Procedure Complications (BLS-998.9)
8037 Pregnancy Complication/Childbirth/Labor (ALS-650.0)	8038 Psychiatric/Behavioral (abnormal mental status) (ALS-292.9)
8039 Psychiatric/Behavioral (threat to self or others) (BLS-298.9)	8040 Sick Person-Fever (BLS-036.9)
8041 Severe Dehydration (ALS-787.01)	8042 Unconscious/Syncope/Dizziness (ALS-780.02)
8043 Major Trauma (ALS-959.8)	8044 Other Trauma (need for monitor or airway) (ALS-518.5)
8045 Other Trauma (major bleeding) (ALS-958.2)	8046 Other Trauma (fracture/dislocation) (BLS-829.0)
8047 Other Trauma (penetrating extremity) (BLS-880.0)	8048 Other Trauma (amputation digits) (BLS-886.0)
8049 Other Trauma (amputation other) (ALS-887.4)	8050 Other Trauma (suspected internal injuries) (ALS-869.0)
8051 Burns-Major (ALS-949.3)	8052 Burns-Minor (BLS-949.2)
8053 Animal Bites/Sting/Envenomation (ALS-989.5)	8054 Animal Bites/Sting/Envenomation (BLS-879.8)
8055 Lightning (ALS-994.0)	8056 Electrocution (ALS-994.8)
8057 Near Drowning (ALS-994.1)	8058 Eye Injuries (BLS-921.9)
8059 Sexual Assault (major injuries) (ALS-995.83)	8060 Sexual Assault (minor injuries) (BLS-995.8)
8061 Cardiac/Hemodynamic Monitoring Required (ALS-428.9)	8062 Advanced Airway Management (ALS-518.81)
8063 IV Meds Required (ALS-No ICD code provided))	8064 Chemical Restraint (ALS-293.0)
8065 Suctioning/Oxygen/IV fluids required (BLS-496.0)	8066 Airway Control/Positioning Required (BLS-786.09)
8067 Third Party Assistance/Attendant Required (BLS-496.0)	8068 Patient Safety (restraints required) (BLS-298.9)
8069 Patient Safety (monitoring required) (BLS-293.1)	8070 Patient Safety (seclusion required) (BLS-298.8)

8071 Patient Safety (risk of falling off stretcher) (BLS-781.3)**8073** Special Handling (orthopedic device required) (BLS-907.2)

-5 Other - Not Listed

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:

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

NUMBER OF PATIENTS AT SCENE

E08_05

Data Format [combo] single-choice

National Element

Definition

Indicator of how many total patients were at the scene

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *NumberOfPatientsAtScene*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

1120 None

1125 Single

1130 Multiple

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

MASS CASUALTY INCIDENT

E08_06

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *YesNoValues*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

0 No

1 Yes

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

Data Type	integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_07(AtPatient), 08_05(NoOfPatients)
Additional Rules	•If 05_07(AtPatient) has a valid value, 08_06(MassCasualty) cannot be -20

INCIDENT LOCATION TYPE

E08_07

Data Format [combo] single-choice

National Element

Definition

The kind of location where the incident happened

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *IncidentLocationType*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-10 Not Known	
1135 Home/Residence	1140 Farm
1145 Mine or Quarry	1150 Industrial Place and Premises
1155 Place of Recreation or Sport	1160 Street or Highway
1165 Public Building (schools, gov. offices)	1170 Trade or service (business, bars, restaurants, etc)
1175 Health Care Facility (clinic, hospital, nursing home)	1180 Residential Institution (Nursing Home, jail/prison, ALF)
1185 Lake, River, Ocean	1190 Other Location
11351 Pool - Residential	11551 Pool - Commercial
11352 Spa - Residential	11552 Spa - Commercial
11353 Bathtub - Residential	11701 Bathtub – Commercial
11354 Bucket	11901 Forest / Trail / Wilderness
11601 Railroad	

Default Value

-20 Not Recorded

Additional Information

- Based on ICD-9

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

Uses

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

Validation Rules:

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

INCIDENT ZIP CODE

E08_15

Data Format [text]

National Element

Definition

The ZIP code of the incident location

XSD Data Type *xs:string*

XSD Domain (Simple Type) *Zip*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 10

Field Values

-10 Not Known

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

PRIOR AID

E09_01

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *PriorAid*

Multiple Entry Configuration Yes

Accepts Null Yes

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 30

Field Values

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

Additional Information

- List created from Procedures (D04_04)

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

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

Uses

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

Validation Rules:

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

PRIOR AID PERFORMED BY

E09_02

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *PriorAidPerformedBy*

Multiple Entry Configuration Yes

Accepts Null Yes

Required in XSD Yes

Field Values

1195 EMS Provider

1200 Law Enforcement

1205 Lay Person

1210 Other Healthcare Provider

1215 Patient

Default Value

-20 Not Recorded

Uses

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

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

Validation Rules:

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

OUTCOME OF THE PRIOR AID

E09_03**Data Format** [combo] single-choice*National Element***Definition**

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

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

1220 Improved

1225 Unchanged

1230 Worse

Default Value

-20 Not Recorded

Uses

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

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

Validation Rules:

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

POSSIBLE INJURY

E09_04

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *YesNoValues*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

0 No

1 Yes

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

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

CHIEF COMPLAINT ANATOMIC LOCATION

E09_11

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ComplaintAnatomicLocation*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-10 Not Known

1305 Abdomen

1315 Chest

1325 Extremity-Upper

1335 Genitalia

1345 Neck

1310 Back

1320 Extremity-Lower

1330 General/Global

1340 Head

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

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

CHIEF COMPLAINT ORGAN SYSTEM

E09_12

Data Format [combo] single-choice

National Element

Definition

The primary organ system of the patient injured or medically affected. This is to be completed by EMS personnel.

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ComplaintOrganSystem*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-10 Not Known

1350 Cardiovascular

1360 Endocrine/Metabolic

1370 Global

1380 OB/Gyn

1390 Pulmonary

1400 Skin

1355 CNS/Neuro

1365 GI

1375 Musculoskeletal

1385 Psych

1395 Renal

Default Value

-20 Not Recorded

Additional Information

- Possible Injury (E09_04), Chief Complaint Anatomic Location (E09_11), Chief Complaint Organ System (E09_12), and Primary Symptom (E09_13) are required to calculate the Reason for Encounter
- This data element is to be completed by EMS personnel at the EMT-Paramedic level or higher

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows for the calculation of the "EMS Reason for Encounter" used to further describe the EMS patient population

Validation Rules:

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

PRIMARY SYMPTOM

E09_13

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *PrimarySymptom*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

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

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

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

OTHER ASSOCIATED SYMPTOMS

E09_14

Data Format [combo] multiple-choice

National Element

Definition

Other symptoms identified by the patient or observed by EMS personnel

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *OtherAssociatedSymptoms*

Multiple Entry Configuration Yes

Accepts Null Yes

Required in XSD Yes

Field Values

-25 Not Applicable

1510 Bleeding

1520 Change in responsiveness

1530 Death

1540 Diarrhea

1550 Fever

1560 Mass/Lesion

1570 Nausea/Vomiting

1580 Pain

1590 Rash/Itching

1600 Transport Only

1610 Wound

-10 Not Known

1515 Breathing Problem

1525 Choking

1535 Device/Equipment Problem

1545 Drainage/Discharge

1555 Malaise

1565 Mental/Psych

1575 None

1585 Palpitations

1595 Swelling

1605 Weakness

Default Value

-20 Not Recorded

Additional Information

- This data element is used for Bioterrorism Syndromic Surveillance

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the patient's primary symptom
- Allows data to describe the patient's associated symptoms
- Allows for potential bio-terrorism surveillance based on the symptomatic presentation of the EMS Patient combined with other data points

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> If E09-14(OtherSymptom) has value other than -20 Not Recorded, then E09-13(Symptom) must have value other than -20 Not Recorded. If E09-13(Symptom) equals 1470 None, then E09-14(OtherSymptom) must equal 1575 None OR -20 Not Recorded. The text values for E09-14(OtherSymptom) and E09-13(Symptom) cannot be the same except where the textual value is "none" or other null values

PROVIDERS PRIMARY IMPRESSION

E09_15

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ProvidersPrimaryImpression*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-25 Not Applicable	-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 Sick 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:

Data Type	Integer
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none">• If 09-15(PrimaryImpression) equals 1695 or 1745, then 06-11(Gender) must equal 655.• If E20_10 (Patient/Incident Disposition) equals 4850 Treated and Transported by EMS, then E09_15 (Primary Impression) cannot equal -20 Not Recorded.

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	18251 Alcohol Related Problems / DTs
18052 Sepsis	18252 Intentional Drug Use; Related Problems
18051 Fever Related Symptoms / Problems	10012 Heat Related Illness
10011 Blood Pressure Related Problems	10014 General Malaise
10013 Sickle Cell Crisis	-5 Other - Not Listed
10015 Other, Non-Traumatic Pain	

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:

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

CAUSE OF INJURY

E10_01

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *CauseOfInjury*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

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

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:

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

Field Values

-10 Not Known

2035 Blunt

2040 Burn

2050 Penetrating

2045 Other

Default Value

-20 Not Recorded

Additional Information

- Complete only if Possible Injury (E09_04) is “Yes”

Uses

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

Validation Rules:

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

CARDIAC ARREST

E11_01**Data Format** [combo] single-choice*National Element***Definition**

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

XSD Data Type *xs:integer***XSD Domain (Simple Type)** *CardiacArrest***Multiple Entry Configuration** No**Accepts Null** Yes**Required in XSD** Yes**Field Values****0** No**2240** Yes, Prior to EMS Arrival**2245** Yes, After EMS Arrival**Default Value****-20** Not Recorded**Additional Information**

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

Uses

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

Validation Rules:

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

CARDIAC ARREST ETIOLOGY

E11_02

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *CardiacArrestEtiology*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

-10 Not Known

2250 Presumed Cardiac

2260 Drowning

2270 Electrocution

2255 Trauma

2265 Respiratory

2275 Other

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

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

RESUSCITATION ATTEMPTED

E11_03

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *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:

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

ARREST WITNESSED BY

E11_04

Data Format [combo] single-choice

Definition

Indication of who the cardiac arrest was witnessed by

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ArrestWitnessedBy*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

2310 Witnessed by Healthcare Provider

2315 Witnessed by Lay Person

23101 Witnessed by EMS

23103 Heard by Healthcare Provider

23152 Heard by Layperson

2320 Not Witnessed

23102 Seen by Healthcare Provider

23151 Seen by Layperson

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

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

FIRST MONITORED RHYTHM OF THE PATIENT

E11_05

Data Format [combo] single-choice

Definition

Documentation of what the first monitored rhythm which was noted

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *FirstMonitoredRhythm*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

2325 Asystole

2330 Bradycardia

2340 Other

2350 Unknown AED Non-Shockable Rhythm

2360 Ventricular Fibrillation

2335 Normal Sinus Rhythm

2345 PEA

2355 Unknown AED Shockable Rhythm

2365 Ventricular Tachycardia

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

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

ANY RETURN OF SPONTANEOUS CIRCULATION

E11_06

Data Format [combo] single-choice

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ReturnOfSpontaneousCirculation*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

0 No

-25 Not Applicable

2370 Yes, Prior to ED Arrival Only

2375 Yes, Prior to ED Arrival and at the ED

Default Value

-20 Not Recorded

Additional Information

- Complete only if Cardiac Arrest (E11_01) is “Yes”
- Use -25 Not Applicable only if a Do Not Resuscitate Order is present

Uses

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

Validation Rules:

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

BARRIERS TO PATIENT CARE

E12_01

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *BarriersToPatientCare*

Multiple Entry Configuration Yes

Accepts Null Yes

Required in XSD Yes

Field Values

2600 Developmentally Impaired

2605 Hearing Impaired

2610 Language

2615 None

2620 Physically Impaired

2625 Physically Restrained

2630 Speech Impaired

2635 Unattended or Unsupervised (including minors)

2640 Unconscious

26101 Behavioral

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

ALCOHOL/DRUG USE INDICATORS

E12_19

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *AlcoholDrugUseIndicators*

Multiple Entry Configuration Yes

Accepts Null Yes

Required in XSD Yes

Field Values

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

Default Value

-20 Not Recorded

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on alcohol/drug use indicators
- Allows data to describe Alcohol and Drug use within the EMS patient population

Validation Rules:

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

Minimum Constraint 1,990

Maximum Constraint 2,030

Field Values

- Relevant Value for Data Element & Patient Care

Default Value

No Default

Additional Information

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

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

Uses

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

Validation Rules:

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

OBTAINED PRIOR TO THIS UNITS EMS CARE

E14_02

Data [combo] single-choice

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *YesNoValues*

Multiple Entry Configuration Yes, via structure

Accepts Null Values Yes

Required in XSD Yes

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

0 No

1 Yes

Default Value

-20 Not Recorded

Additional Information

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

Vendors are requested to use this element as a trigger to auto populate E09_01, Prior Aid

Uses

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

Validation Rules:

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

CARDIAC RHYTHM

E14_03

Data Format [combo] multiple-choice

Definition

The cardiac rhythm of the patient as interpreted by EMS personnel

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *CardiacRhythm*

Multiple Entry Configuration

(1) Yes, via structure. (2) Yes
for each E14_01 Date/Time

Accepts Null

Yes

Required in XSD Yes

Field Values

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

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

SBP (SYSTOLIC BLOOD PRESSURE)

E14_04

Data Format [number]

Definition

The patient's systolic blood pressure

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *SBP*

Multiple Entry Configuration

Yes, via structure

Accepts Null

Yes, but null value is blank or empty

Required in XSD Yes

Minimum Constraint 0

Maximum Constraint 400

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:

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

DBP (DIASTOLIC BLOOD PRESSURE)

E14_05

Data Format [number]

Definition

The patient's diastolic blood pressure

XSD Data Type *xs:integer***XSD Domain (Simple Type)** *DBP***Multiple Entry Configuration** Yes, via structure **Accepts Null** Yes, but null value is blank or empty**Required in XSD** Yes **Minimum Constraint** 0 **Maximum Constraint** 300

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:

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

PULSE RATE

E14_07**Data Format** [number]**Definition**

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

XSD Data Type *xs:integer***XSD Domain (Simple Type)** *PulseRate***Multiple Entry Configuration** Yes, via structure **Accepts Null** Yes, but null value is blank or empty**Required in XSD** Yes **Minimum Constraint** 0 **Maximum Constraint** 500**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:

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

PULSE OXIMETRY

E14_09

Data Format [number]

Definition

The patient's oxygen saturation

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *PulseOximetry*

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

Required in XSD Yes **Minimum Constraint** 0 **Maximum Constraint** 100

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:

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

RESPIRATORY RATE

E14_11**Data Format** [number]**Definition**

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

XSD Data Type *xs:integer***XSD Domain (Simple Type)** *RespiratoryRate***Multiple Entry Configuration** Yes, via structure **Accepts Null** Yes, but null value is blank or empty**Required in XSD** Yes**Minimum Constraint** 0**Maximum Constraint** 100**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:

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

RESPIRATORY EFFORT

E14_12

Data Format [text]

Definition

The patient's respiratory effort

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *RespiratoryEffort*

Multiple Entry Configuration Yes, via structure

Accepts Null Yes

Required in XSD Yes

Field Values

3185 Normal

3190 Labored

3200 Absent

3195 Fatigued

3205 Not Assessed

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

CARBON DIOXIDE

E14_13

Data Format [number]

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *CO2*

Multiple Entry Configuration

Yes, via structure

Accepts Null

Yes, but null value is blank or empty

Required in XSD Yes

Minimum Constraint 0

Maximum Constraint 100

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:

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

BLOOD GLUCOSE LEVEL

E14_14

Data Format [number]

Definition

The patient's blood glucose level

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *BloodGlucoseLevel*

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

Required in XSD Yes **Minimum Constraint** 0 **Maximum Constraint** 2,000

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:

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

TOTAL GLASGOW COMA SCORE

E14_19

Data Format [number]

Definition

The patient's total Glasgow Coma Score

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *TotalGCS*

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

Required in XSD Yes

Minimum Constraint 3

Maximum Constraint 15

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:

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

LEVEL OF RESPONSIVENESS

E14_22

Data Format [combo] single-choice

Definition

The patients level of responsiveness

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *LevelOfResponsiveness*

Multiple Entry Configuration Yes, via structure

Accepts Null Yes

Required in XSD Yes

Field Values

3255 Alert

3260 Verbal

3270 Unresponsive

3265 Painful

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

PAIN SCALE

E14_23

Data Format [number]

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *PainScale*

Multiple Entry Configuration

Yes, via structure

Accepts Null

Yes, but null value is blank or empty

Required in XSD Yes

Minimum Constraint 0

Maximum Constraint 10

Field Values

- Relevant Value for Data Element & Patient Care

Additional Information

- Number from 0 to 10

Uses

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

Validation Rules:

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

DATE/TIME MEDICATION ADMINISTERED

E18_01

Data Format [date/time]

Definition

The date/time medication administered to the patient

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

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

Required in XSD 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
- This is a multiple entry configuration which will allow multiple medication administrations to be documented

Uses

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

Validation Rules:

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

MEDICATION ADMINISTERED PRIOR TO THIS UNITS EMS CARE

E18_02

Data Format [combo] single-choice

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *YesNoValues*

Multiple Entry Configuration Yes, via structure

Accepts Null Yes

Required in XSD Yes

Field Values

0 No

1 Yes

Default Value

-20 Not Recorded

Additional Information

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

Vendors are requested to use this element as a trigger to auto populate E09_01, Prior Aid

Uses

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

Validation Rules:

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

MEDICATION GIVEN

E18_03

Data Format [combo] single-choice

National Element

Definition

The medication given to the patient

XSD Data Type *xs:string*

XSD Domain (Simple Type) *MedicationsGiven*

Multiple Entry Configuration

Yes, via structure

Accepts Null

Yes

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 30

Field Values

5000	Other - Not Listed	4605	Magnesium Sulfate
4600	Activated Charcoal	4615	Mannitol
4610	Adenosine	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

Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the medications administered by EMS
- Part of an EMS Medical Record

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

Validation Rules:

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

MEDICATION ADMINISTERED ROUTE

E18_04

Data Format [combo] single-choice

Definition

The route that the medication was administered to the patient.

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *MedicationAdministeredRoute*

Multiple Entry Configuration Yes, via structure

Accepts Null Yes

Required in XSD Yes

Field Values

4175 Endotracheal tube

4180 Gastrostomy tube

4190 Intramuscular

4200 Intraocular

4210 Nasal

4220 Nasogastric

4230 Oral

4240 Otic

4250 Rectal

4260 Sublingual

4270 Tracheostomy

4280 Urethral

4290 Wound

4185 Inhalation

4191 Intraosseous

4205 Intravenous

4215 Nasal prongs

4225 Ophthalmic

4235 Other/miscellaneous

4245 Re-breather mask

4255 Subcutaneous

4265 Topical

4275 Transdermal

4285 Ventimask

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

MEDICATION DOSAGE

E18_05

Data Format [number]

Definition

The dose or amount of medication given to the patient

XSD Data Type *xs:decimal*

XSD Domain (Simple Type) *MedicationDosage*

Multiple Entry Configuration

Yes, via structure

Accepts Null No

Required in XSD Yes

Minimum Constraint 0

Maximum Constraint 1,000,000

Field Values

- Relevant Value for Data Element & Patient Care

Default Value

0

Uses

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

Validation Rules:

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

MEDICATION DOSAGE UNITS

E18_06

Data Format [combo] single-choice

Definition

The units of medication dosage given to patient

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *MedicationDosageUnits*

Multiple Entry Configuration Yes, via structure

Accepts Null No

Required in XSD Yes

Field Values

4295 GMS

4305 IU

4315 L/MIN

4325 LPM

4335 MCG/KG/MIN

4345 MG

4355 ML

4365 Other

4300 Inches

4310 KVO (TKO)

4320 LITERS

4330 MCG

4340 MEQ

4350 MG/KG/MIN

4360 ML/HR

4370 Puffs

Default Value

Agency Preferred Value

Uses

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

Validation Rules:

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

RESPONSE TO MEDICATION

E18_07

Data Format [combo] single-choice

Definition

The patient's response to the medication.

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ResponseToMedication*

Multiple Entry Configuration Yes, via structure

Accepts Null Values Yes

Required in XSD Yes

Field Values

-25 Not Applicable

-10 Not Known

-5 Not Available

4375 Improved

4380 Unchanged

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:

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

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
for each E14_01 Date/Time

Accepts Null

Yes

Required in XSD Yes

Field Values

4390 None

4400 Apnea

4410 Bradycardia

4420 Extravasation

4430 Hyperthermia

4440 Hypoxia

4450 Itching/Urticaria

4460 Other

4470 Tachycardia

4395 Altered Mental Status

4405 Bleeding

4415 Diarrhea

4425 Hypertension

4435 Hypotension

4445 Injury

4455 Nausea

4465 Respiratory Distress

4475 Vomiting

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

DATE/TIME PROCEDURE PERFORMED

E19_01

Data Format [date/time]

Definition

The date and time the procedure was performed on the patient

XSD Data Type *xs:dateTime*

XSD Domain (Simple Type) *DateTime*

Multiple Entry Configuration

Yes, via structure

Accepts Null

Yes, but null value is blank or empty

Required in XSD 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
- This is a multiple entry configuration which will allow for multiple procedures to be documented

Uses

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

Validation Rules:

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

PROCEDURE PERFORMED PRIOR TO THIS UNITS EMS CARE

E19_02

Data Format [combo] single-choice

Definition

Indicates that the procedure which was performed and documented was performed prior to this EMS unit's care.

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *YesNoValues*

Multiple Entry Configuration Yes, via structure

Accepts Null Yes

Required in XSD Yes

Field Values

0 No

1 Yes

Default Value

-20 Not Recorded

Additional Information

- If E19_02 is "Yes", the Date/Time Medication Administered (E19_01) is not required

Vendors are requested to use this element as a trigger to auto populate E09_01, Prior Aid

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	
Additional Rules	<ul style="list-style-type: none"> If 19_01(ProcDateTime) exist then 19_02(ProcPrior) must equal 0 OR 1

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

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:

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

NUMBER OF PROCEDURE ATTEMPTS

E19_05

Data Format [number]

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *NumberOfProcedureAttempts*

Multiple Entry Configuration Yes, via structure

Accepts Null Yes

Required in XSD Yes

Minimum Constraint -25

Maximum Constraint 100

Field Values

-10 Not Known

- Relevant Value for Data Element & Patient Care

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

PROCEDURE SUCCESSFUL

E19_06

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *YesNoValues*

Multiple Entry Configuration Yes, via structure

Accepts Null Yes

Required in XSD Yes

Field Values

0 No

1 Yes

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	19_03(Procedure)
Additional Rules	<ul style="list-style-type: none"> • If 19_06(Successful) NOT= -20 then 19_03(Procedure) NOT= -20

PROCEDURE COMPLICATION

E19_07

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ProcedureComplication*

Multiple Entry Configuration

(1) Yes, via structure. (2) Yes
for each E19_01 Date/Time

Accepts Null

Yes

Required in XSD Yes

Field Values

4500 None

4510 Apnea

4520 Bradycardia

4530 Esophageal Intubation-immediately

4540 Extravasation

4550 Hyperthermia

4560 Hypoxia

4570 Itching/Urticaria

4580 Other

4590 Tachycardia

4505 Altered Mental Status

4515 Bleeding

4525 Diarrhea

4535 Esophageal Intubation-other

4545 Hypertension

4555 Hypotension

4565 Injury

4575 Nausea

4585 Respiratory Distress

4595 Vomiting

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

RESPONSE TO PROCEDURE

E19_08

Data Format [combo] single-choice

Definition

The patient's response to the procedure

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ResponseToProcedure*

Multiple Entry Configuration Yes, via structure

Accepts Null Yes

Required in XSD Yes

Field Values

-25 Not Applicable

4600 Improved

4605 Unchanged

4610 Worse

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

TUBE CONFIRMATION

E19_13

Data Format [combo] multiple-choice

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *TubeConfirmation*

Multiple Entry Configuration Yes

Accepts Null Yes

Required in XSD Yes

Field Values

4735 Auscultation of Bilateral Breath Sounds

4740 Colormetric CO2 Detector Confirmation

4750 Esophageal Bulb Aspiration confirmation

4760 Visualization of the Chest Rising with ventilation

4770 Waveform CO2 Confirmation

4745 Digital CO2 Confirmation

4755 Negative Auscultation of the Epigastrium

4765 Visualization of Tube Passing Through the Cords

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

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

CONFIRMATION OF TUBE PLACEMENT UPON TRANSFER OF CARE

E19_14

Data Format [combo] multiple-choice

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *DestinationConfirmationOfTubePlacement*

Multiple Entry Configuration Yes

Accepts Null Yes

Required in XSD Yes

Field Values

4775 Auscultation of Bilateral Breath Sounds

4780 Colormetric CO2 Detector Confirmation

4795 Negative Auscultation of the Epigastrium

4805 Visualization of Tube Passing Through the Cords

4810 Waveform CO2 Confirmation

4785 Digital CO2 Confirmation

4800 Visualization of the Chest Rising with ventilation

-10 Not Known

-25 Not Applicable

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

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

DESTINATION/TRANSFERRED TO CODE

E20_02

Data Format [text]

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *DestinationTransferredToCode*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

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:

Data Type	String
Null Allowed	Yes
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	05_10(AtDestination)
Additional Rules	<ul style="list-style-type: none"> If 05_10(AtDestination) exist then 20_02(DestinationCode) NOT -20 If E20_10 (Patient/Incident Disposition) equals 4850 Treated and Transported by EMS, then E20_02 (Destination/Transferred To Code) cannot equal -20 Not Recorded.

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

Field Values

- Relevant Value for Data Element & Patient Care

-25 Not Applicable

Default Value

-20 Not Recorded

Additional Information

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

Uses

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

Validation Rules:

Data Type	String
Null Allowed	Yes
Multi Entry	No
Min value	2
Max value	10
Acceptable Field Values	From list above
Related Elements	20_10(IncidentPatientDisp)
Additional Rules	<ul style="list-style-type: none"> • If E20_10 (Patient/Incident Disposition) equals 4850 Treated and Transported by EMS, then E20_07 (Destination Zip Code) cannot equal -20 Not Recorded.

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

4825 No Patient Found

4835 Patient Refused Care

4845 Treated, Transferred Care

4855 Treated, Transported by Law Enforcement

48351 Treated and Refused Transport

48301 Public Assist

48303 Unit Assist

4820 Dead at Scene

4830 No Treatment Required

4840 Treated and Released

4850 Treated, Transported by EMS

4860 Treated, Transported by Private Vehicle

48302 Agency 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:

Data Type	Integer
Null Allowed	No
Multi Entry	No
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	20_10(IncidentPatientDisp)
Additional Rules	<ul style="list-style-type: none"> • If E20_10(IncidentPatientDisp) = 4850 then E20_16(Reason) should not be -20 E20_07(DestinationZip) should not be -20 E05_10(AtDestination) should not be blank • If E20_02 (DestinationTransferredToCode) = -20, then E20_10 cannot equal 4850 • If E20_07 (DestinationZipCode) = -20, then E20_10 cannot equal 4850 • If E20_14 (TransportModeFromScene) = -20, then E20_10 cannot equal 4850 • If E20_15 (ConditionOfPatientAtDestination) = -20, then E20_10 cannot equal 4850 • If E20_16 (ReasonForChoosingDestination) = -20, then E20_10 cannot equal 4850 • If E20_17 (TypeOfDestination) = -20, then E20_10 cannot equal 4850 • NOTE: This element must be filled out on every call

TRANSPORT MODE FROM SCENE

E20_14

Data Format [combo] single-choice

National Element

Definition

Indication whether or not lights and/or sirens were used on the vehicle while leaving scene

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *TransportModeFromScene*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

4955 Initial Lights and Sirens, Downgraded to No Lights or Sirens

4960 Initial No Lights or Sirens, Upgraded to Lights and Sirens

4965 Lights and Sirens

4970 No Lights or Sirens

Default Value

-20 Not Recorded

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the transportation mode
- Allows data to describe transportation mode used by EMS

Validation Rules:

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

CONDITION OF PATIENT AT DESTINATION

E20_15

Data Format [combo] single-choice

Definition

The condition of the patient after care by EMS

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ConditionOfPatientAtDestination*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

4975 Improved

4980 Unchanged

4985 Worse

Default Value

-20 Not Recorded

Uses

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

Validation Rules:

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

REASON FOR CHOOSING DESTINATION

E20_16

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *ReasonForChoosingDestination*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

4990 Closest Facility (none below)

5000 Family Choice

5010 Law Enforcement Choice

5020 Other

5030 Patient's Physicians Choice

5040 Specialty Resource Center

4995 Diversion

5005 Insurance Status

5015 On-Line Medical Direction

5025 Patient Choice

5035 Protocol

Default Value

-20 Not Recorded

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the destination choice
- Allows data to give a reason for choosing the patient's destination which is important to document from a specialty care agency and diversion/overcrowding perspective

Validation Rules:

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

TYPE OF DESTINATION

E20_17

Data Format [combo] single-choice

National Element

Definition

The type of destination the patient was delivered or transferred to

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *TypeOfDestination*

Multiple Entry Configuration No

Accepts Null Yes

Required in XSD Yes

Field Values

7270 Home

7280 Hospital

7300 Morgue

7330 Other

7350 Other EMS Responder (ground)

7290 Medical Office/Clinic

7320 Nursing Home

7340 Other EMS Responder (air)

7360 Police/Jail

Default Value

-20 Not Recorded

Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted or grouped based on the EMS transports destination type
- Allows data to describe EMS patient's destination type

Validation Rules:

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

EMERGENCY DEPARTMENT DISPOSITION

E22_01**Data Format** [combo] single-choice*National Element***Definition**

The known disposition of the patient from the Emergency Department (ED)

XSD Data Type *xs:integer***XSD Domain (Simple Type)** *EmergencyDepartmentDisposition***Multiple Entry Configuration** No**Accepts Null** Yes**Required in XSD** Yes**Field Values****5335** Admitted to Hospital Floor**5345** Death**5355** Released**-10** Not Known**5340** Admitted to Hospital ICU**5350** Not Applicable (Not Transported to ED)**5360** Transferred**Default Value****-20** Not Recorded**Uses**

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

Validation Rules:

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

HOSPITAL DISPOSITION

E22_02

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

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

XSD Data Type *xs:integer***XSD Domain (Simple Type)** *HospitalDisposition***Multiple Entry Configuration** No**Accepts Null** Yes**Required in XSD** Yes**Field Values****5365** Death**5375** Transfer to Hospital**5385** Transfer to Other**-10** Not Known**5370** Discharged**5380** Transfer to Nursing Home**5390** Transfer to Rehabilitation Facility**Default Value****-20** Not Recorded**Uses**

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

Validation Rules:

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

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

Florida Alert Type

- 9010 Trauma Alert

9020 Cardiac Alert

9030 STEMI
- 9015 Stroke Alert

9025 Mass Casualty Incident

Default Value

-20 Not Recorded

Validation Rules:

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

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

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

XSD Structure: Elements E23_09 and E23_11 are members of E23_09_0 Research Data Structure

Field Values

Florida Alert Type

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

Validation Rules:

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

EMS AGENCY NAME

D01_02**Data Format** [text]

Definition

The formal name of the agency

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

Field Values

A unique value; no variable list is possible.

Default Value

- Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

EMS AGENCY STATE

D01_03

Data Format [combo] multiple-choice

National Element

Definition

The state in which the Agency provides services

XSD Data Type *xs:string*

XSD Domain (Simple Type) *AgencyState*

Multiple Entry Configuration Yes

Accepts Null No

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 2

Field Values

- Appropriate 2 digit FIPS code

Additional Information

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

Default Value

FIPS numeric code for Florida; which is 12

Validation Rules:

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

EMS AGENCY COUNTY

D01_04

Data Format [combo] multiple-choice

National Element

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *AgencyCounty*

Multiple Entry Configuration Yes

Accepts Null No

Required in XSD Yes

Minimum Constraint 5

Maximum Constraint 5

Field Values

- Appropriate 5 digit FIPS code

Default Value

Relevant FIPS code value

Additional Information

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

Uses

- Used to group data with a state

Validation Rules:

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

PRIMARY TYPE OF SERVICE

D01_05

Data Format [combo] single-choice

Definition

The primary service type provided by the agency

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *PrimaryTypeOfService*

Multiple Entry Configuration No

Accepts Null No

Required in XSD Yes

Field Values

5610 911 Response (Scene) with Transport Capability

5620 911 Response (Scene) without Transport Capability

5630 Air Medical

5640 Hazmat

5650 Medical Transport (Convalescent)

5660 Paramedic Intercept

5670 Rescue

5680 Specialty Care Transport

Default Value

Relevant field value / Agency Specific

Uses

- Important for grouping or comparing EMS Agencies

Validation Rules:

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

LEVEL OF SERVICE

D01_07

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:string/integer*

XSD Domain (Simple Type) *DemographicStateCertificationLicensureLevels*

Multiple Entry Configuration No

Accepts Null No

Required in XSD Yes

Minimum Constraint 2

Maximum Constraint 30

Field Values

6090 EMT-Basic

6110 EMT-Paramedic

6112 Physician

6111 Nurse

6120 First Responder

Additional Information

- This value is stored either as the appropriate code or in text if an additional certification/licensure level has been entered by a state

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

ORGANIZATIONAL TYPE

D01_08

Data Format [combo] single-choice

National Element

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *OrganizationalType*

Multiple Entry Configuration No

Accepts Null No

Required in XSD Yes

Field Values

5810 Community, Non-Profit

5820 Fire Department

5830 Governmental, Non-Fire

5840 Hospital

5850 Private, Non-Hospital

5860 Tribal

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

ORGANIZATION STATUS

D01_09**Data Format** [combo] single-choice*National Element*

Definition

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

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

Field Values

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

STATISTICAL YEAR

D01_10

Data Format [date/time]

National Element

Definition

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

XSD Data Type *xs:gYear*

XSD Domain (Simple Type) *StatisticalYear*

Multiple Entry Configuration

Yes, via structure

Accepts Null

No

Required in XSD Yes

Minimum Constraint 1,990

Maximum Constraint 2,030

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

- Associates a year with statistical data to improve reporting capabilities

Validation Rules:

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

TOTAL SERVICE SIZE AREA

D01_12

Data Format [number]

National Element

Definition

The total square miles in the agency's service area

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

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

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

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

TOTAL SERVICE AREA POPULATION

D01_13

Data Format [number]

National Element

Definition

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

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

Multiple Entry Configuration Yes, via structure

Accepts Null Yes, but null value is blank or empty

Required in XSD Yes

Minimum Constraint 1

Maximum Constraint 100,000,000

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

911 CALL VOLUME PER YEAR

D01_14

Data Format [number]

National Element

Definition

The number of 911 EMS calls for the previous calendar year

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

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

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

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

EMS DISPATCH VOLUME PER YEAR

D01_15

Data Format [number]

National Element

Definition

The number of EMS dispatches for the previous calendar year

XSD Data Type *xs:positiveInteger*

XSD Domain (Simple Type) *EMSDispatchVolumeYear*

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

Required in XSD Yes

Minimum Constraint 1

Maximum Constraint 100,000,000

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

EMS TRANSPORT VOLUME PER YEAR

D01_16

Data Format [number]

National Element

Definition

The number of EMS transports for the previous calendar year

XSD Data Type *xs:positiveInteger*

XSD Domain (Simple Type) *EMSTransportVolumeYear*

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

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

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

EMS PATIENT CONTACT VOLUME PER YEAR

D01_17

Data Format [number]

National Element

Definition

The number of EMS patient contacts for the previous calendar year

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

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

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

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

EMS AGENCY TIME ZONE

D01_19**Data Format** [text]*National Element***Definition**

The time zone for the EMS Agency

XSD Data Type *xs:integer***XSD Domain (Simple Type)** *EMSAgencyTimeZone***Multiple Entry Configuration** No**Accepts Null** No**Required in XSD** Yes**Field Values****5950** GMT-06:00 Central Time**5960** GMT-05:00 Eastern Time**Default Value**

Relevant field value / Agency Specific

Uses

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

Data Collector**Validation Rules:**

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

NATIONAL PROVIDER IDENTIFIER

D01_21**Data Format** [text]*National Element***Definition**

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

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

-20 Not Recorded

- Value for Agencies National Provider Identifier

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

- Important for HIPAA related transactions such as electronic claims processing

Validation Rules:

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

AGENCY CONTACT LAST NAME

D02_01**Data Format** [text]**Definition**

The Last Name of the agency's primary contact.

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

XSD Structure: D02_01, D02_02, and D02_03 are all members D02_01_0 Agency Contact Name Structure

Field Values

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

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

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

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

AGENCY CONTACT FIRST NAME

D02_03**Data Format** [text]**Definition**

The First Name of the agency's primary contact.

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

XSD Structure: D02_01, D02_02, and D02_03 are all members D02_01_0 Agency Contact Name Structure

Field Values

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

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

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

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

AGENCY CONTACT ADDRESS

D02_04**Data Format** [text]

Definition

The Agency contact's location or mailing address.

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

Field Values

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

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

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

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

AGENCY CONTACT CITY

D02_05**Data Format** [combo] single-choice

Definition

The city of the Agency contact's mailing address.

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant FIPS code for agency

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

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

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

AGENCY CONTACT STATE

D02_06**Data Format** [combo] single-choice

Definition

The state of the Agency contact's mailing address.

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

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant FIPS code for agency

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

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

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

AGENCY CONTACT ZIP CODE

D02_07

Data Format [text]

National Element

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *DemographicZip*

Multiple Entry Configuration No

Accepts Null No

Required in XSD Yes

Minimum Constraint 5

Maximum Constraint 10

Field Values

A unique value; no variable list is possible.

Additional Information

- Can be a 5 or 9 digit Zip Code

Default Value

Relevant field value / Agency Specific

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

Uses

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

Validation Rules:

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

AGENCY CONTACT TELEPHONE NUMBER

D02_08**Data Format** [text]**Definition**

The primary phone number of the Agency contact.

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

A unique value; no variable list is possible.

Additional Information

- 10 digit telephone number

Default Value

Relevant field value / Agency Specific

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

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

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

AGENCY CONTACT FAX NUMBER

D02_09**Data Format** [text]**Definition**

The primary fax number of the Agency contact.

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

A unique value; no variable list is possible.

-20 Not Recorded

Additional Information

- 10 digit telephone number

Default Value

Relevant field value / Agency Specific

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

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

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

AGENCY CONTACT EMAIL ADDRESS

D02_10**Data Format** [text]**Definition**

The primary email address of the Agency contact.

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

A unique value; no variable list is possible.

-20 Not Recorded

Default Value

Relevant field value / Agency Specific

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

Uses

- Component of the EMS Agency Contact Information/Address

Validation Rules:

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

AGENCY MEDICAL DIRECTOR LAST NAME

D03_01**Data Format** [text]**Definition**

The Last Name of the Agency's Medical Director

XSD Data Type *xs:string***XSD Domain (Simple Type)** *DemographicLastName***Multiple Entry Configuration** No**Accepts Null** No**Required in XSD** Yes**Minimum Constraint** 2**Maximum Constraint** 20**Field Values**

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	20
Acceptable Field Values	Alpha entry with length between 2 and 20
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	IF D01_01 (EMSAgencyNo) exist THEN D03_01 (DirectorLastName) Must Have a value

AGENCY MEDICAL DIRECTOR FIRST NAME

D03_03**Data Format** [text]**Definition**

The First Name of the Agency's Medical Director

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

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	1
Max value	20
Acceptable Field Values	Alpha entry with length between 1 and 20
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	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** Yes**Minimum Constraint** 2**Maximum Constraint** 30**Field Values**

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

AGENCY MEDICAL DIRECTOR CITY

D03_05**Data Format** [combo] single-choice**Definition**

The city of the Agency medical director's mailing address

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

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant FIPS code for agency

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	30
Acceptable Field Values	A valid 5 digit FIPS numeric code
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	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** Yes**Minimum Constraint** 2**Maximum Constraint** 3**Field Values**

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant FIPS code for agency

Uses

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

Validation Rules:

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

AGENCY MEDICAL DIRECTOR ZIP CODE

D03_07

Data Format [text]

Definition

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

XSD Data Type *xs:string*

XSD Domain (Simple Type) *DemographicZip*

Multiple Entry Configuration No

Accepts Null No

Required in XSD Yes

Minimum Constraint 5

Maximum Constraint 10

Field Values

A unique value; no variable list is possible.

Additional Information

- Can be a 5 or 9 digit Zip Code

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	5
Max value	10
Acceptable Field Values	A valid Zip code
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	<p>IF D01_01 (EMSAgencyNo) exist THEN D03_07 (DirectorZipCode) Must Have a value</p> <p>FORMAT should be ddddd OR ddddd-dddd where d is some digit 0 - 9</p>

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** Yes**Minimum Constraint** 2**Maximum Constraint** 10**Field Values**

A unique value; no variable list is possible.

Additional Information

- 10 digit telephone number

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

AGENCY MEDICAL DIRECTOR FAX NUMBER

D03_09**Data Format** [text]**Definition**

The primary fax number of the Agency's medical director

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

A unique value; no variable list is possible.

-20 Not Recorded

Additional Information

- 10 digit telephone number

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	Yes
Multi Entry	No
Min value	2
Max value	10
Acceptable Field Values	Numeric entry with length between 2 and 10
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	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** Yes**Minimum Constraint** 2**Maximum Constraint** 100**Field Values**

A unique value; no variable list is possible.

-20 Not Recorded

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	No
Min value	2
Max value	100
Acceptable Field Values	Alphanumeric value between 2 and 100
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	IF D01_01 (EMSAgencyNo) exist THEN D03_01 (DirectorEmail) Must Have a value

PROCEDURES

D04_04

Data Format [combo] multiple-choice

Definition

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

XSD Data Type *xs:decimal*

XSD Domain (Simple Type) *DemographicProcedure*

Multiple Entry Configuration

Yes, via structure

Accepts Null

No

Required in XSD Yes

Minimum Constraint 0

Maximum Constraint 1,000

XSD Structure: D04_04 is a member of D04_04_0 Demographic Procedure Structure

Field Values

89.820 12 Lead ECG	93.930 Airway-Bagged
93.931 Airway-BVM	97.230 Airway-Change Tracheostomy Tube
98.130 Airway-Cleared	96.051 Airway-Combitube
93.900 Airway-CPAP	96.030 Airway-EOA/EGTA
96.991 Airway-Intubation Confirm CO2	96.992 Airway-Intubation Confirm Esophageal Bulb
96.052 Airway-Laryngeal Mask	96.010 Airway-Nasal (NPA)
96.041 Airway-Nasotracheal Intubation	93.940 Airway-Nebulizer Treatment
31.110 Airway-Needle Cricothyrotomy	96.020 Airway-Oral (OPA)
96.040 Airway-Orotracheal Intubation	96.790 Airway-PEEP
96.042 Airway-Rapid Sequence Induction	93.910 Airway-Respirator Operation (BLS)
98.150 Airway-Suctioning	31.120 Airway-Surgical Cricothyrotomy
96.700 Airway-Ventilator Operation	96.701 Airway-Ventilator with PEEP
38.910 Arterial Access-Blood Draw	89.610 Arterial Line Maintenance
89.700 Assessment-Adult	89.701 Assessment-Pediatric
38.995 Blood Glucose Analysis	89.391 Capnography
89.510 Cardiac Monitor	99.624 Cardiac Pacing-External
99.626 Cardiac Pacing-Transvenous	99.623 Cardioversion
99.640 Carotid Massage	34.041 Chest Decompression
34.042 Chest Tube Placement	73.590 Childbirth
1.181 CNS Catheter-Epidural Maintenance	1.182 CNS Catheter-Intraventricular Maintenance
99.600 CPR	99.601 CPR by External Automated Device
86.280 Decontamination	99.621 Defibrillation-Automated (AED)
99.622 Defibrillation-Manual	99.625 Defibrillation-Placement for Monitoring/Analysis
100.200 Extrication	99.290 Injections-SQ/IM
37.611 Intra-Aortic Balloon Pump	93.580 MAST
96.070 Nasogastric Tube Insertion	89.590 Orthostatic Blood Pressure Measurement
89.702 Pain Measurement	89.392 Pulse Oximetry
100.100 Rescue	99.841 Restraints-Pharmacological
99.842 Restraints-Physical	93.591 Spinal Immobilization
93.540 Splinting-Basic	93.450 Splinting-Traction
89.703 Temperature Measurement	89.704 Thrombolytic Screen
57.940 Urinary Catheterization	38.990 Venous Access-Blood Draw
89.620 Venous Access-Central Line Maintenance	39.997 Venous Access-Discontinue
38.991 Venous Access-Existing Catheter	38.993 Venous Access-External Jugular Line
38.992 Venous Access-Extremity	38.994 Venous Access-Femoral Line
39.995 Venous Access-Internal Jugular Line	41.920 Venous Access-Intraosseous Adult
41.921 Venous Access-Intraosseous Pediatric	39.996 Venous Access-Subclavian Line
89.640 Venous Access-Swan Ganz Maintenance	93.057 Wound Care
96.03 Airway – King Tube	93.57 Burn Sheet or Occlusive Dressing
93.52 C-collar or cervical immobilization	93.59 CPR Board or KED
93.93 Airway – Mouth-to-mouth	96.59 Irrigation of Wound
96.51 Irrigation of Eyes	99.69 Valsalva Maneuver
89.51 3-lead ECG	89.52 4-lead ECG

74.0 C-Section (removal of fetus)
 39.96 Fluid challenge/Volume replacement
 86.09 Escharotomy
 937.9 Sedation

94.19 Psychological First Aid
 39.98 Bleeding control
 96.7901 Impedance Threshold Device (ITD)
 89.55 Acoustic Cardiology

Additional Information

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

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

Minimum Constraint 2

Maximum Constraint 30

XSD Structure: D04_08 is a member of D04_08_0 Demographic Protocol Structure

Field Values

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

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	No
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	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 Yes

Minimum Constraint 2

Maximum Constraint 30

XSD Structure: D04_12 is a member of D04_11_0 Hospitals Served Structure

Field Values

A unique value; no variable list is possible.

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:

Data Type	String
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	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 Yes

Minimum Constraint 2

Maximum Constraint 30

XSD Structure: D04_14 is a member of D04_13_0 Other Destinations Structure

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Default Value

Relevant field value / Agency Specific

Additional Information

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

Uses

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

Validation Rules:

Data Type	String
Null Allowed	Yes
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	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

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

Validation Rules:

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

PERSONNEL'S EMPLOYMENT STATUS

D07_03

Data Format [combo] single-choice

Definition

Personnel's Employment Status for this Agency

XSD Data Type *xs:integer*

XSD Domain (Simple Type) *EmploymentStatus*

Multiple Entry Configuration Yes, via structure

Accepts Null No

Required in XSD Yes

Field Values

7490 Full Time Paid Employee

7500 Full Time Unpaid Employee

7510 Part Time Paid and Part Time Unpaid Employee

7520 Part Time Paid Employee

7530 Part Time Unpaid Employee

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Integer
Null Allowed	No
Multi Entry	Yes
Min value	
Max value	
Acceptable Field Values	From list above
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	IF D01_01 (EMSAgencyNo) exist THEN D07_03 (EmploymentStatus) Must Have a value

EMPLOYMENT STATUS DATE

D07_04

Data Format [date/time]

Definition

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

XSD Data Type *xs:date*

XSD Domain (Simple Type) *Date*

Multiple Entry Configuration

Yes, via structure

Accepts Null

No

Required in XSD Yes

Minimum Constraint 1,920

Maximum Constraint 2,030

Field Values

A unique value; no variable list is possible.

Additional Information

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

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	Date
Null Allowed	No
Multi Entry	Yes
Min value	01/01/1920
Max value	01/01/2030
Acceptable Field Values	
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	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 Yes

Minimum Constraint 2

Maximum Constraint 30

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:

Data Type	String
Null Allowed	No
Multi Entry	Yes
Min value	2
Max value	30
Acceptable Field Values	From list above
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	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 Yes**Minimum Constraint** 2**Maximum Constraint** 20**Field Values**

A unique value; no variable list is possible.

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

Minimum Constraint 1

Maximum Constraint 20

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

Data Type	String
Null Allowed	No
Multi Entry	Yes
Min value	1
Max value	20
Acceptable Field Values	Some Name with length between 2 and 20
Related Elements	D01_01(EMSAgencyNo)
Additional Rules	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 Yes

Minimum Constraint 1

Maximum Constraint 20

Field Values

A unique value; no variable list is possible.

-25 Not Applicable

-10 Not Known

-5 Not Available

Default Value

Relevant field value / Agency Specific

Uses

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

Validation Rules:

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

ACRONYMS

AED	– Automated External Defibrillator	L/MIN	– Liters Per Minute
AHCA	– Agency for Health Care Administration	LPM	– Liters Per Minute
ALF	– Assisted Living Facility	LR	– Lactated Ringers
AV	– Aortic Valve	LZ	– Landing Zone
BLS	– Basic Life Support	MCG	– Microgram
BVM	– Bag Valve Mask	MCI	– Mass Casualty Incident
CAD	– Course Administrative Data	MEQ	– Milliequivalent
CHF	– Congestive Heart Failure	MG	– Milligrams
CMS	– Content Management System	STEMI	– Segment Elevation Myocardial Infarction
CNS	– Central Nervous System	MI	– Myocardial Infarction
COPD	– Chronic Obstructive Pulmonary Disease	MIN	– Minimum
CPAP	– Continuous Positive Airway Pressure	ML	– Milliliter
CPR	– Cardio Pulmonary Resuscitation	N STEMI	– Non-Segment Elevation Myocardial Infarction
CPT	– Current Procedural Terminology	NEMSIS	– National EMS Information System
CVA	– Cerebrovascular Accident	NFIRS	– National Fire Incident Reporting System
D5W	– Dextrose 5% in Water	NHTSA	– National Highway Traffic Safety Administration
DBP	– Diastolic Blood Pressure	NOS	– Nitric Oxide Synthase
DNR	– Do Not Resuscitate	NPA	– Naso Pharyngeal Airway
DOB	– Date of Birth	NPS	– National Provider System
DTs	– Drug Tests	OMB	– US Office of Management and Budget
ECG	– Electrocardiogram	OPA	– Oropharyngeal Airway
ED	– Emergency Department	PCR	– Patient Care Report
EMD	– Emergency Medical Dispatching	PEA	– Pulseless Electrical Activity
EMS	– Emergency Medical Services	PSAP	– Public Safety Answering Point
EMSTARS	– EMS Tracking and Reporting System	RR	– Relative Risk
EOA	– Esophageal Obturator Airway	RSI	– Repetitive Stress Injury
ePCR	– Electronic Patient Care Report	SBP	– Systolic Blood Pressure
FIPS	– Federal Information Processing Standard	SSN	– Social Security Number
FOG	– Field Operations Guide	TIA	– Transient Ischemic Attack
GCS	– Glasgow Coma Scale	UTC	– Universal Time Coordinated
GI	– General Issue	VA	– Department of Veteran Affairs
GMT	– Greenwich Mean Time	XML	– eXtensible Markup Language
GMS	– General Medical Services	XSD	– XML Schema Definition
ITD	– Impedance Threshold Device	YYYYMMDD	– 4-Digit Year, Month, Day
ICD	– Internal Classification of Diseases	ZIP	– Zone Improvement Plan
ICU	– Intensive Care Unit		
ID	– Identification		
IV	– In Vitro		
KED	– Kendrick Extrication Device		
KG	– Kilograms		
KVO	– Keep Vein Open		

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