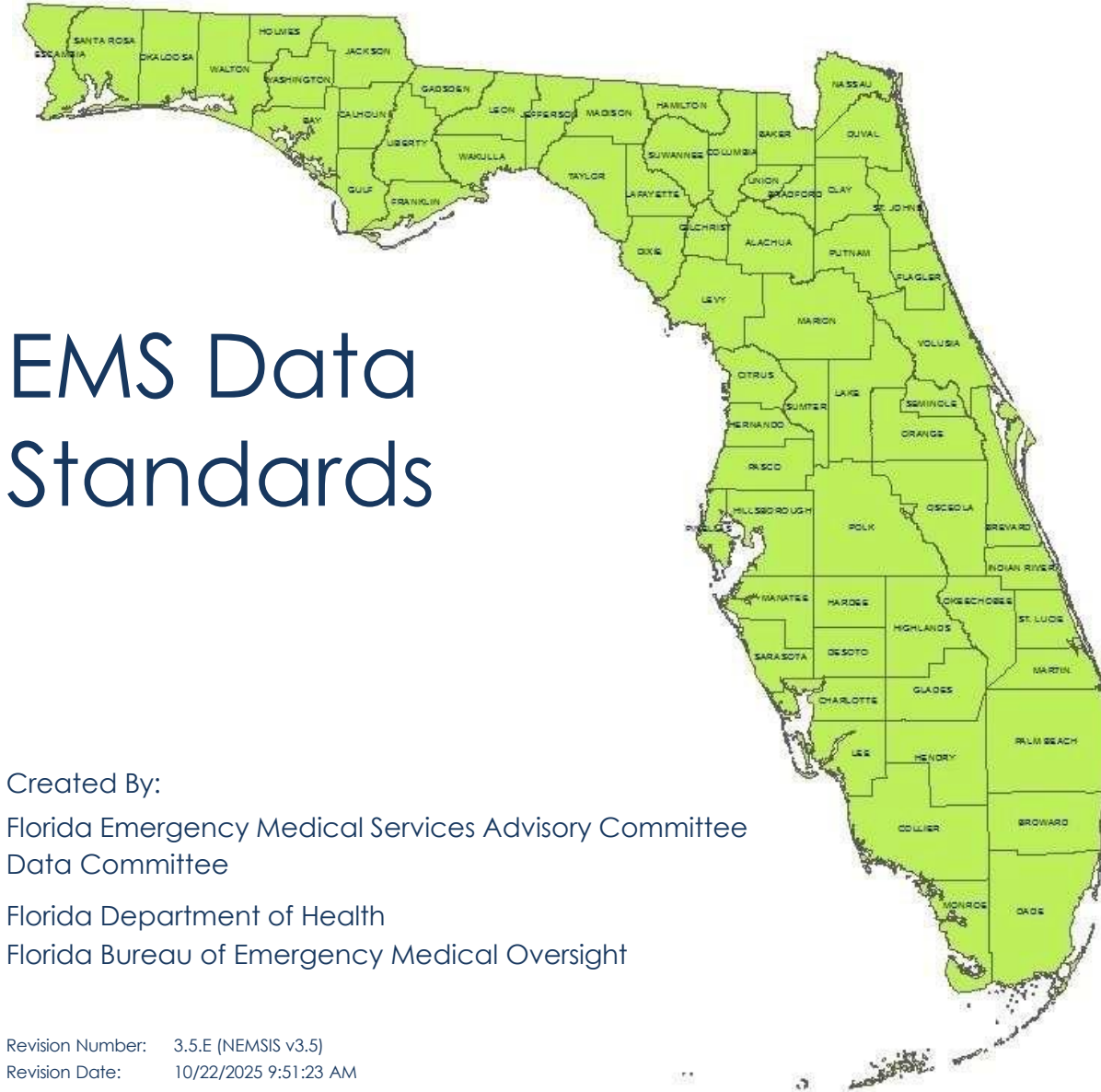




Emergency Medical Services Tracking and Reporting System

Version: 3.5



EMS Data Standards

Created By:
Florida Emergency Medical Services Advisory Committee
Data Committee
Florida Department of Health
Florida Bureau of Emergency Medical Oversight

Revision Number: 3.5.E (NEMSiS v3.5)
Revision Date: 10/22/2025 9:51:23 AM

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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. This document contains the following:

- Administrative Policies and Procedures for File Submissions
- EMSTARS Version 3.5 Data Dictionary

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

2 Submission Format

A submission refers to the demographic and incident level records that are submitted from the provider agency's software system to an XML file for submission to the DOH Repository site in accordance with the NEMSIS 3.5 XML Schema Definition (XSD) and Webservice Standard.

3 Demographic Data Submission

Demographic Data is submitted prior to submitting EMS event records. Demographic data, as defined in the Florida EMS Data Dictionaries, must be submitted at least monthly. All required demographic information must be transmitted in the required format by the last day of each month, at a minimum. A provider may elect to do more frequent demographic submissions.

It is highly recommended that each agency's ePCR vendor automate this process and submit all required information on behalf of the agency. It is expected that all ePCR demographic related elements be automatically updated in the agency Demographic file.

Example 1: Agency ABC hires 3 new paramedics and enters them into their ePCR software as users. Those new entries (including all dPersonnel information) should automatically be incorporated into the demographic file and automatically submitted to EMSTARS.

Example 2: Agency ABC purchases a new ambulance to add to their fleet. When the ePCR software is updated to reflect the new unit, the demographic file should be automatically updated and submitted.

4 Event Records Submission Timeframe

To maximize the use of syndromic surveillance systems, real-time or near-real-time data submission of event records is preferred. Agencies are required to submit at a minimum a surveillance event record within 24 hours of call completion. All surveillance records not updated by the provider within 7 calendar days after the initial submission will be deemed the official event record for any reporting purposes.

These deadlines apply uniformly to agencies and to vendors who may submit records on behalf of the agency.

New Definitions:

- Surveillance Record: An event record that is considered to be draft by the EMS provider that may be updated at a later date/time.
- Official Event Record: An event record that is considered to be the accurate and complete final record of the EMS event. Official Event Records may be updated by the EMS provider at any time. Any non-surveillance reporting shall use the last submitted official event record.

5 Submission Status Review

The EMSTARS system provides detailed information on each submission, including additional information on business rule violations.

Where records contain business rule violations, the Key User can obtain a detailed report regarding these violations. The records with violations should be corrected and resubmitted within 60 days of initial submission.

6 Extensions

Extension requests are submitted by the EMS agency in writing. 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 requested in the same manner as an Extension. They will be granted 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 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).

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.

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 dispositions being recorded

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, dispositions, etc.) must be completed.

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.

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, dispositions etc.) must be completed with a Unit 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 9.8.

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, dispositions, 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 9.3. Two such examples are:

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 Unit disposition of "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 Unit disposition of "Patient Contact Made" and Patient Evaluation/Care disposition of "Patient Evaluated, No Care Required" and Transport disposition of "No Transport" since there was a patient who was evaluated but no further treatment or transport is necessary.

9.9 Arrived at Scene, Patient Refused Case

An event record is always required since service was requested and a unit responded. All applicable elements (times, delays, modes, dispositions, etc.) must be completed. This will include appropriate (or available) patient information and a Patient Evaluation/Care disposition of "Patient Refused Evaluation/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 <https://www.floridadisaster.org/>

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 Unit disposition of "Non-Patient Incident" and Crew disposition of "Back in service, No Care/Support Required" and Level of Care per Protocol disposition of "No care Provided" . All other appropriate service delivery information such as response mode, delays, date / times, dispositions, 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 an 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 system.

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 all applicable dispositions, 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.

9.18 Mobile Integrated Health Encounters

It is recognized that MIH data for a patient is longitudinal; however, the state requires an event/ePCR submission for each individual event /encounter be transmitted to the state repository containing information on that MIH/EMS event including service delivery and/or patient care data as applicable. The data element submission requirements for an MIH event will be minimized due to the nature of the call.

Capturing all EMS events, including Mobile Integrated Health (MIH) calls or those calls 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. The sharing of MIH/CP data will help demonstrate how MIH can fill health care gaps and improve access to existing public health resources. The data will support the Florida Department of Health's (Department) efforts to expand the availability and accessibility of Mobil Integrated Health programs in Florida communities.

Data on EMS events, including MIH visits may be collected in multiple systems. It is not within the scope, nor the intent, of the state to dictate which systems can or should collect this data; however, it is the intent that all this information be reported to the statewide EMSTARS system 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. 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 system; 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. Again, the MIH data requirements are minimized for submission.

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 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 system 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 system; 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 Facility 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.

MIH Program Reporting

It is recognized that MIH data for a patient is longitudinal; however, the state requires an event/ePCR submission for each individual event/encounter be transmitted to the state repository containing information on that MIH/EMS event including service delivery and/or patient care data as applicable. The data element submission requirements for an MIH event will be minimized due to the nature of the call.

With the growth of Mobile Integrated Health (MIH) Programs within the Florida licensed EMS agencies, it is the intent of this section to clarify EMSTARS submission requirements.

Florida Statutes. and Florida Administrative Code requires all licensed EMS agencies in Florida to report data to the Department of Health. For EMSTARS submission, an Event Record is required any time an EMS event occurs. EMSTARS reporting protocols and data submission requirements are further specified in the Florida Data Dictionary.

Capturing all EMS events, including Mobile Integrated Health (MIH) calls or those calls 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. The sharing of MIH/CP data will help demonstrate how MIH can fill health care gaps and improve access to existing public health resources. The data will support the Florida Department of Health's (Department) efforts to expand the availability and accessibility of Mobil Integrated Health programs in Florida communities.

11 EMSTARS 3.5 Data Dictionary

This data dictionary represents several years of effort of the EMSAC Data Committee and the Bureau of Emergency Medical Oversight collaborating with the Florida EMS agencies and the NEMSIS Technical Assistance Center, through web-based reviews, public comment periods, focus groups, industry dialogue, topic-focused projects, and consensus. The EMSTARS 3.5 data dictionary represents a revision from the existing EMSTARS V-3.X. Adopting a broad perspective, the initiative to move to a another version of the EMSTARS data dictionary was fueled by the need to improve data quality, enhance our ability to assess EMS performance, augment the flexibility of the standard for state adoption and, prepare for our initial movement of this standard into Health Level 7 (HL7) for approval as an American National Standards Institute (ANSI) standard.

There are two sections that make up the Florida Data Dictionary. These sections describe the type of data that is collected. The sections are the EMS Provider's Demographic Information and the EMS Event Information.

The EMS Provider's Demographic Information elements begin with a lower case "d". These elements are used to collect information about the EMS Provider such as their location, service areas, service volumes, type of services provider, capabilities and their personnel. This information is useful to be able to compare provider to similar providers.

The EMS Event Information elements begin with a lower case "e". These elements capture the information regarding an EMS Event. The elements captured on each EMS Event depend on the specific circumstances for that EMS Event. The data dictionary will help specify which elements are mandatory, what elements depend on other elements and the constraints on the values inserted for each element.

11.1 Data Dictionary Organization

The Florida Data Dictionary 3.5 is organized in the manner that the collection of data would occur in a typical EMS event, rather than in the sections as described in the NEMSIS V3.5 Data Dictionary. A typical workflow is presented in the graphic below and is subsequently described.

During an EMS Event, EMS personnel must perform duties required of their profession that varies with each call dependent on the situation they encounter. The EMS personnel must document the actions they perform on each call. The Florida Department of Health's EMSTARS data dictionary lists the data elements that the State of Florida captures for each EMS event. This document describes the break-down of the EMS event and the elements in each section depicted in the Event Flow Diagram.

The schematic shows a high-level view of the different sections of an EMS event and how they interact with one another. The EMS Personnel must document each section if the call requires the section to be filled out. For example, when a dispatched EMS Unit that arrives on scene and no patient is found, EMS Personnel must document the elements that are required based on business rules for the Event, En Route, Scene, and Finalize sections. The sections under Patient Encounter: Patient, Transport and the patient treatment sections are not required because the EMS unit never arrived at the patient. The sections Event and Close Out will be documented in every event that is dispatched regardless of the outcome of the call.

Each section will contain data elements that are related to the section. Once a section is entered, all the elements in that section are applicable to the call, but it does not mean that they should be filled out. The elements within a section are related to one another. Filling out one element would require other elements within this section to be filled out if necessary. The circumstances of the call will determine what needs to be filled out.

An EMS Event where a patient is treated and transported would require EMS Event, En Route, Scene, Patient, Transport, the necessary treatment and assessment sections and the Close Out sections to be touched. The elements within each section will vary based on the details of this specific patient encounter.

Each section in the Event Flow Diagram is describe below:

Event

This section has 25 elements that pertain to each EMS Event. This section is initiated any time that Emergency Medical Services are requested and EMS personnel are dispatched to respond.

En Route

This section has 4 elements that pertain to "wheels rolling". Elements in this section are only required if the EMS Unit goes en route.

Scene

This section has 23 elements that describe the scene of the emergency. Elements in this section are only required if the EMS Unit arrives on Scene.

Encounter

The Patient/EMS Encounter is the section that is encompasses all the sections in which EMS Personnel interact with the patient. Those sections include Patient, Assessment, Vitals, Procedures, Medications, Cardiac Arrest, Invasive Airway and Transport.

Patient

This section has 36 elements that describe the patient such as demographics, medical history and payment information. This section is only filled out when the EMS Personnel arrive at the patient.

Assessment

This section has 28 elements that capture the patient assessment and alert information.

Vitals

This section has 31 patient vital signs elements. This section is only completed when EMS Personnel takes a Patient's vital signs.

Procedures

This section has 11 elements that pertain to procedures performed by EMS personnel.

Medications

This section has 12 elements that capture medication given information.

Cardiac Arrest

This section has 21 elements that capture information when a patient has a cardiac arrest.

Invasive Airway

This section has 6 elements that record an invasive airway procedure when performed (i.e. endotracheal tube placement).

Transport

This section has 21 elements that capture information about the patient transport and the destination.

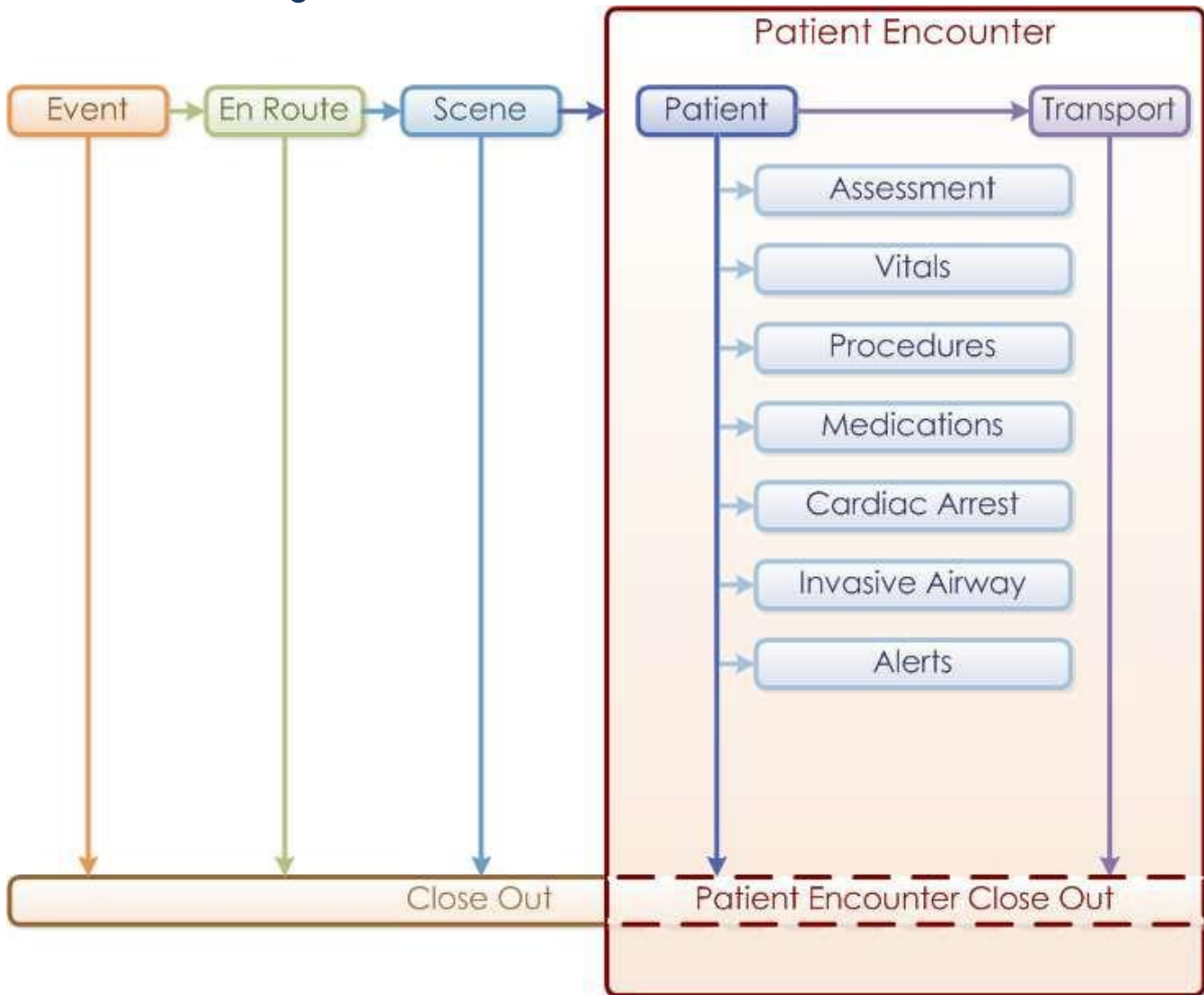
Close Out

This section has 20 elements that capture information to close out the EMS Record. This section will be filled out in every EMS Event.

MIH/CP

This section has 10 custom elements that capture the information that are related to the MIH event.

11.2 Event Flow Diagram



1 **Florida National**

2 **SampleElementNumber**

3 **Sample Element Name**

4 **Definition**

The definition of the element.

5 **Field Values**

Code # 5.1	Code Description	Type	Code	Code Description	Type
SSEE001	Value A	FV	SSEE002	Value B	FV
SSEE003	Value C	FV	SSEE004	Florida Value	FL
SSEE005	NOT Value	NV	SSEE006	Pertinent Negative Value	PN
SSEE007	Phone Type Value	PH	SSEE008	Email Type Value	EM
SSEE009	Distance Measurement Type Value	DU			

6 **No Business Rules**

7 **Additional Information**

Comment Comment Type
 A comment about the element and where that comment came from NEMSIS

8 **XSD Data Specification**

Data Type # 8.1	integer
Min # 8.2	0
Max # 8.3	100000
Total Digits # 8.4	8
Fraction Digits # 8.5	2

9 **Frequency and Use**

Recurrence # 9.1	1:M	One-To-Many
Florida Usage # 9.2	M	Mandatory
NEMSIS Usage # 9.3	M	Mandatory
XML Usage # 9.4	R	Required

10 **Attributes**

Not Values (NV) # 10.1	Yes
Pertinent Negatives (PN) # 10.2	Yes
Correlation ID # 10.3	Yes
Time Stamp (TS) # 10.4	Yes
Phone Type (PH) # 10.5	Yes
Email Type (EM) # 10.6	Yes
Distance Type (DU) # 10.7	Yes

Patterns # 8.6 (R[0-6][0-9](\.[0-9]{1,3})?(R73\9)|(R99))|([A-QSTZ][0-9]{2})(\.[0-9A-Z]{1,4})?)

11.4 Version 3.0 Data Dictionary Format

Note: The numbers to the right of the content listed below represent the location for each element on the Sample Page of the Data Dictionary above.

Florida, National and MIH Element Indicator (#1)

Florida – The red Florida box indicates that the data element is being collected by the state of Florida must be submitted where appropriate.

National – The blue National box indicates that the data element is a National element and it is required to be collected at the local EMS agency level and submitted to the state.

MIH – the orange box indicates an element that may be relevant to an MIH encounter and may be documented as the case requires. The data element submission requirements for an MIH event will be minimized due to the nature of the call.

Data Element Number (#2)

The Florida Data Dictionary element numbering system has been revised to be consistent with the NEMSIS Version 3.x numbering scheme. This change is intended to improve the information that can be derived from just the data element number. An example of a data element number is dAgency.01.

- The data element number begins with either a "d" representing the demographic (agency) section or an "e" representing the EMS PCR section.
- A one word descriptor for each section is now included in the data element number.
- A period separates the section (e.g. dAgency) from the data element number (e.g. 01).

Data Element Name (#3)

The name for the data element.

Data Element Definition (#4)

The definition for the data element.

Field Values (#5)

A list of values associated with the data element. Not all data elements have predefined value sets.

Code (#5.1)

Codes for each value:

- The codes are based on a 7-digit number, in a 2-2-3 pattern (without dashes).
 - The first set of two numbers represent the data section
 - The second set of two numbers represent the element number
 - The last set is a 3-digit number for each value beginning at 001
- The codes increase in increments of two (2).
- Codes are typically sequential (by two) and alphabetical. Some ordering is provided in an effort to present information based on workflow.
- Several values and codes reference external standards such as ICD-10, RxNorm, etc. NEMSIS will assist in providing a recommended list of EMS specific values and codes from these larger standards for most elements using these external standards.

Code (#5.2)

The code type is indicated as below

- FV – Field Value
- PN – Pertinent Negative
- NV – Not Value
- PH - Phone Number Type
- EM – Email Type
- DU – Distance Type

Business Rules (#6)

A data validity constraint that defines the relationship between data elements to improve quality of the data.

Additional Information (#7)

Comments are provided to describe additions, changes, clarifications, or provide additional insight into the data element.

There are different types of comments indicated by the “Comment Type” column.

Comment Types:

NEMSIS - Comments about a data element that comes from NEMSIS

Version 3 Changes - Comments about how this element changed from NEMSIS version 2.2.1 to NEMSIS version 3

Florida - Comments added by the State of Florida to clarify an element or recommendations on its use.

Vendor Guidance - Comments added to help clarify feature requirements for vendors on this element.

XSD Data Specification (#8)

This section contains the technical XSD specifications for the data element.

Data Type (#8.1)

The data type of the element in the XML file specified in the XSD.

Min (#8.2)

The minimum number allowed in this field or the minimum number of characters for this field

Max (#8.3)

The maximum number allowed in this field or the maximum number of characters for this field

Total Digits (#8.4)

The total number of digits allowed in this field.

Total Fraction Digits (8.5)

Out of the total digits, this is the number of digits after the decimal symbol.

Patterns (#8.6)

A regular expression used to limit text that can be insert into a text field to increase data quality.

Frequency and Use (#9)

Recurrence (#9.1)

Indication that the data element can have more than one value.

Represented by two characters separated by a colon. The configuration includes:

- 0:1 = element is not required and can occur only once
- 0:M = element is not required and can repeat multiple times
- 1:1 = element is required and can occur only once
- 1:M = element is required and can repeat multiple times

Florida Usage (#9.2)

Indication of when the data element is expected to be collected.

- M – Mandatory, This field must be completed each time there is an EMS Event.
- C – Conditional, The requirement of this field will vary based on business rules
- O – Optional, This field is optional and does not have business rules associated with it.

NEMSIS Usage (#9.3)

Indication of when the data element is expected to be collected.

- M – Mandatory, Must be completed and does not allow for NOT values
- R – Required, Must be completed and allows NOT values
- E – Recommended, Does not need to be completed and allows NOT values
- O – Optional, Does not need to be completed and does not allow for NOT values

XML Usage (#9.4)

Refers to the structure of the XML file

The indication that an XML tag is required or not in the XML in the file.

The configuration includes:

- R – Required, The XML tag is required in the file
- O – Optional, The XML tag is not required in the file

Attributes (#10)

An attribute provides additional information about the data in the element that expands its understanding. There are 7 different types of attributes that can apply to an element. This section describes the different attributes that can apply to an element.

NOT Values (#10.1)

- Indication that the data element can have NOT values.
- NOT Values are used (where permitted) to document that a data element was not applicable to the EMS response / request for service, was not or could not be completed.
- NOT Values are documented as "an attribute" of an element. It allows the documentation of NOT value when a "real" value is not documented. (Please reference the NEMSIS White Paper describing the use of NOT Values, Pertinent Negatives, and Null.)
- Not all data elements accept NOT values.
- NOT Values have been condensed in Version 3.
- Not Applicable (7701001) = The data element is not applicable or pertinent to the EMS event according to the event flow diagram.
- Not Recorded (7701003) = If a data element is left blank for any reason the EMS software should auto-populate it with "Not Recorded".
- Not Reporting (7701005) = The data element is not collected by the EMS agency or state. This NOT value does not apply to National elements where "Usage = Required".
- A list of NOT values that can be associated with a data element can be found in section 5 of the page with a code type of NV.

Pertinent Negatives (#10.2)

An indication that a data element can have a pertinent negative value. A pertinent negative can be used to document reasons why a protocol was not followed (see examples).

- The list of Pertinent Negative Values that can be associated with a data element can be found in section 5 of the page with a code type PN.
- Not all data elements accept Pertinent Negative Values.
- Pertinent Negative Values are documented as "an attribute" of an element. It allows the documentation of pertinent negative value in addition to the documentation of a "real" value.

Examples of use:

Example #1 - Aspirin Administration:

If the medication Aspirin is part of the agency protocol for Chest Pain but was not administered by the responding crew, the reason why should be documented. This is done through the use of Pertinent Negative Values. If the patient took the Aspirin prior to the EMS arrival on scene, the value "Medication Already Taken" should be documented in addition to "Aspirin".

Example #2 - Gunshot Wound Entry & Exit Assessment

If the patient was injured by a gunshot the assessment should document not only the entry but the exit of the bullet. In the abdominal assessment if "Gunshot Wound-Entry" was documented in the Right Upper Quadrant the EMS professional should be looking for an exit wound. If upon assessment of the back/spine no "Gunshot Wound-Exit" was identified then both "Gunshot Wound-Exit" and the pertinent negative value of "Exam Finding Not Present" should be documented.

Correlation ID (#10.3)

A correlation ID is an attribute used by the software to link custom elements to the standard NEMSIS elements, groups, or other custom elements.

Time Stamp (#10.4)

An attribute used to capture date/time information about this element

Phone Type (#10.5)

The phone number type associated with a phone number element.

Email Type (#10.6)

The email type associated with an email element.

Distance Type (#10.7)

The distance unit type associated with a measurement of length of distance traveled.

11.5 EMSTARS 3.0 Data Elements

-- Data Dictionary elements begin on the next page --



EMS Agency Unique State ID

Definition

The unique ID assigned to the EMS Agency which is associated with all state licensure numbers and information.

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
This may be the EMS Agency Name or a unique number assigned by the state EMS office.	NEMSIS
This is required to document multiple license types and numbers associated with the same EMS Agency.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Agency Number

Definition

The state-assigned provider number of the responding agency

No Field Values

Business Rules

ID Business Rule

1225 EMS Agency Number (dAgency.02) length must be greater than 3 and less than 7 and first four characters must be numeric

1227 EMS Agency Unique State ID (dAgency.01) Should be equal to EMS Agency Number (dAgency.02)

1229 Numeric Part of the EMS Agency Number (dAgency.02) should be in between 0100 - 14000

Additional Information

Comment	Comment Type
This is the primary identifier for the entire Demographic Section.	NEMSIS
Each of the Demographic sections must be associated with an EMS Agency Number.	NEMSIS
An EMS Agency can have more than one Agency Number within a state.	NEMSIS
This reflects the ability for an EMS Agency to have a different number for each service type or location (based on state implementation).	NEMSIS
The EMS Agency Number in dAgency.02 can be used to auto-populate eResponse.01 EMS Agency Number in the EMS Event section.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	15	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Agency Name

Definition

The formal name of the agency.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID Business Rule

- 553 EMS Agency Name (dAgency.03) field cannot equal to "Not Applicable" or "Not Reporting" or "Not Recorded" and cannot be Blank.

No Comments

XSD Data Specification

Data Type	string
Min	2
Max	100
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	M	Mandatory
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No

EMS Agency State

Definition

The state/territory which assigned the EMS agency number.

No Field Values

Business Rules

ID Business Rule

556 EMS Agency State (dAgency.04) field must match the GNIS code for the state of Florida.

1202 EMS Agency State (dAgency.04) must equal "12". - Schematron Error

Additional Information

Comment

Comment Type

This has been clarified to reflect that it is the state in which the EMS Agency resides and the state associated with the EMS Agency number.

NEMSIS

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	2	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	2	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{2}				Email (EM)	No
					Distance (DU)	No

Primary Type of Service

Definition

The primary service type provided by the agency.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9920001	911 Response (Scene) with Transport Capability	FV	9920003	911 Response (Scene) without Transport Capability	FV
9920005	Air Medical	FV	9920007	ALS Intercept	FV
9920011	Hazmat	FV	9920013	Medical Transport (Convalescent, Interfacility Transfer Hospital and Nursing Home)	FV
9920015	Rescue	FV	9920017	Community Paramedicine	FV
9920019	Critical Care (Ground)	FV			

No Business Rules

Additional Information

Comment

Comment Type

The Primary Type of Service is associated with each of the EMS Agency Numbers.

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Other Types of Service

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
9920001	911 Response (Scene) with Transport Capability	FV	9920003	911 Response (Scene) without Transport Capability	FV
9920005	Air Medical	FV	9920007	ALS Intercept	FV
9920011	Hazmat	FV	9920013	Medical Transport (Convalescent, Interfacility Transfer Hospital and Nursing Home)	FV
9920015	Rescue	FV	9920017	Community Paramedicine	FV
9920019	Critical Care (Ground)	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	7701005	Not Reporting	NV

No Business Rules

Additional Information

Comment	Comment Type
If no other services are provided beyond the Primary Service Type, Not Applicable should be used.	NEMSIS
This should include all of the types of services not listed in (dAgency.09) Primary Type of Service.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Level of Service

Definition

The level of service which the agency provides EMS care for every request for service (the minimum certification level). This may be the license level granted by the state EMS office.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9917001	Advanced Emergency Medical Technician (AEMT)	FV	9917002	Emergency Medical Technician - Intermediate	FV
9917003	Emergency Medical Responder (EMR)	FV	9917005	Emergency Medical Technician (EMT)	FV
9917007	Paramedic	FV	9917019	Physician	FV
9917021	Critical Care Paramedic	FV	9917023	Community Paramedicine	FV
9917025	Nurse Practitioner	FV	9917027	Physician Assistant	FV
9917029	Licensed Practical Nurse (LPN)	FV	9917031	Registered Nurse	FV

Business Rules

ID	Business Rule
559	Level of Service (dAgency.11) cannot equal "EMT - Intermediate".

Additional Information

Comment	Comment Type
The Level of Service is associated with the specific EMS Agency Number (dAgency.02) for the EMS Agency.	NEMSIS
For example a BLS licensed ambulance service (EMT-Basic) with EMT-Intermediate or EMT-Paramedic on staff, the appropriate level of service is "EMT-Basic". This is because the care provided to patients is limited to BLS skills.	NEMSIS
The category Emergency Medical Technician - Intermediate includes EMS professionals with an "85" or "99" certification level.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Organization Status

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
1016001	Mixed	FV	1016003	Non-Volunteer	FV
1016005	Volunteer	FV			

No Business Rules

Additional Information

Comment	Comment Type
The Organizational Status is associated with the EMS Agency and the specific EMS Agency Number (dAgency.02).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Organizational Type

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
9912001	Fire Department	FV	9912003	Governmental, Non-Fire	FV
9912005	Hospital	FV	9912007	Private, Nonhospital	FV
9912009	Tribal	FV			

No Business Rules

Additional Information

Comment Comment Type
 Organizational Type is associated with the EMS Agency and the specific EMS Agency Number (dAgency.02). NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Agency Organizational Tax Status

Definition

The EMS Agencies business/corporate organizational tax status.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1018001	For Profit	FV	1018003	Other (e.g., Government)	FV
1018005	Not For Profit	FV			

No Business Rules

Additional Information

Comment	Comment Type
Associated with the EMS Agency for the specific EMS Agency Number (dAgency.02).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

EMS Agency Time Zone

Definition

The time zone for the EMS Agency.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1027001	All other time zones	FV	1027003	GMT-04:00 Atlantic Time	FV
1027005	GMT-05:00 Eastern Time	FV	1027007	GMT-06:00 Central Time	FV
1027009	GMT-07:00 Mountain Time	FV	1027011	GMT-08:00 Pacific Time	FV
1027013	GMT-09:00 Alaska	FV	1027015	GMT-10:00 Hawaii	FV
1027017	GMT-11:00 Midway Island, Samoa	FV			

Business Rules

ID	Business Rule
577	EMS Agency Time Zone (dAgency.23) must be answered from one of the field values for this element found in the Florida Data Dictionary.

Additional Information

Comment	Comment Type
Associated with each of the EMS Agency Number (dAgency.02).	NEMSIS
If more than one Time Zone is located within the EMS Agency service area, please chose the time zone covering the greatest volume of EMS events.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

EMS Agency Daylight Savings Time Use

Definition

Indicate if the EMS Agency conforms to Daylight Savings Time.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9923001	No	FV	9923003	Yes	FV

Business Rules

ID Business Rule

578 EMS Agency Daylight Savings Time Use (dAgency.24) must have be answered with one of the field values listed for this element in the Florida Data Dictionary.

Additional Information

Comment	Comment Type
Associated with each of the EMS Agency Number (dAgency.02).	NEMSIS
If the EMS Agency service area contains areas with variations in Daylight Savings Time implementation, choose the response which best represents the majority of the EMS events.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



National Provider Identifier

Definition

The National Provider Identifier issued by CMS.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 579 National Provider Identifier (dAgency.25) cannot equal "Not Recorded".

Additional Information

Comment	Comment Type
Only EMS Agencies billing for service will have an NPI number.	NEMSIS
CMS (Centers for Medicare and Medicaid Services) NPI Registry lookup: https://npiregistry.cms.hhs.gov/	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min	10	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	10	NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Fire Department ID Number

Definition

The state assigned Fire Department ID Number for EMS Agency(ies) operating within a Fire Department.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 580 Fire Department ID Number (dAgency.26) cannot equal "Not Recorded".

Additional Information

Comment	Comment Type
Fire Department ID was added to better integrate Fire Department EMS Agencies and linkage to other EMS related data systems such as NFIRS.	NEMSIS
Added to better associate Fire and EMS licensure and operational identifiers.	Version 3 Changes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min	1	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	20	NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

EMS Agency Service Area States

Definition

The states in which the EMS Agency provides services including the state associated with the EMS Agency Number.

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
Each state is captured as a group where the EMS agency provides service.	NEMSIS
The group includes dAgency.05, dAgency.06, dAgency.07, and dAgency.08.	NEMSIS
Element added to document all of the states in which the EMS agency provides services.	NEMSIS
Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	2	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	2	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{2}				Email (EM)	No
					Distance (DU)	No



EMS Agency Service Area County(ies)

Definition

The county(ies) within each state for which the agency formally provides service.

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.	NEMSIS
County codes are based on ISO/ANSI codes.	NEMSIS
It is a 5-digit code based on state (2-digit) and county (3-digit).	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	No
Min	5	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	5	NEMSIS Usage	M	Mandatory	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{5}				Email (EM)	No
					Distance (DU)	No

EMS Agency Census Tracts

Definition

The US census tracts in which the EMS agency formally provides service.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
This data element was added to better document the service area of the EMS Agency.	NEMSIS
Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.	NEMSIS
The format of the census tract number must be an 11-digit number, based upon the 2010 census, using the pattern:2-digit State Code 3-digit County Code 6-digit Census Tract Number (no decimal)	NEMSIS
Example: NEMSIS TAC office (UT, Salt Lake County, Census Tract - located at 295 Chipeta Way, Salt Lake City, UT) 49035101400	NEMSIS
Census Tract Data Website (files and descriptions): http://www.census.gov/geo/maps-data/data/tract_rel_download.html	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min	2	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	255	NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{11}				Email (EM)	No
					Distance (DU)	No



EMS Agency Service Area ZIP Codes

Definition

The ZIP codes for the EMS Agency's service area.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
This data element was added to better document the service area of the EMS Agency.	NEMSIS
Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.	NEMSIS
ZIP Codes Product Website: https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/	NEMSIS
Product: USA - 5-digit ZIP Code Database, Commercial Edition	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{5} [0-9]{5}-[0-9]{4} [0-9]{5}-[0-9]{5} [A-Z][0-9][A-Z] [0-9][A-Z][0-9]				Email (EM)	No
					Distance (DU)	No

Statistical Calendar Year

Definition

The calendar year to which the information pertains for the EMS Agency and the specific EMS Agency Number (dAgency.02).

No Field Values

Business Rules

ID Business Rule

560 Statistical Calendar Year (dAgency.15) cannot equal the current year or greater.

561 At least one of Statistical Calendar Year (dAgency.15) must equal the previous calendar year (current year - 1).

Additional Information

Comment

Comment Type

Added Calendar Year to the definition to remove confusion noted in draft comments.

NEMSIS

Will allow multiple entry to allow data to be stored on several years.

NEMSIS

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02) and elements dAgency.16 through dAgency.22

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1900	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	2050	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Total Primary Service Area Size

Definition

The total square miles in the agency's service area.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 562 When dAgency.AgencyYearGroup exists then Total Primary Service Area Size (dAgency.16) cannot equal to "Not Applicable" or "Not Recorded" and cannot be Blank.

Additional Information

Comment Comment Type
 This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value NEMSIS
 should be associated with each with (dAgency.15) Statistical Calendar Year.

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	400000000	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Total Service Area Population

Definition

The total population in the agency's service area based if possible on year 2010 census data.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 564 When dAgency.AgencyYearGroup exists then Total Service Area Population (dAgency.17) cannot equal to "Not Applicable" or "Not Recorded" and cannot be Blank.

Additional Information

Comment Comment Type
 This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value NEMSIS
 should be associated with each with (dAgency.15) Statistical Calendar Year.

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	400000000	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



911 EMS Call Center Volume per Year

Definition

The number of 911 calls received by the call center during the last calendar year.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 566 When dAgency.AgencyYearGroup exists then 911 EMS Call Center Volume per Year (dAgency.18) cannot be Blank or "Not Applicable" or "Not Recorded" or must be less than or equal to the Total Primary Service Area Population (dAgency.17).

Additional Information

Comment	Comment Type
This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year.	NEMSIS
Name Clarified with "Call Center"	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	400000000	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

EMS Dispatch Volume per Year

Definition

The number of EMS dispatches during the last calendar year.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 569 When dAgency.AgencyYearGroup exists then EMS Dispatch Volume per Year (dAgency.19) cannot be Blank or "Not Applicable" or "Not Recorded" or must be less than or equal to the Total Primary Service Area Population (dAgency.17).

Additional Information

Comment Comment Type
 This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value NEMSIS
 should be associated with each with (dAgency.15) Statistical Calendar Year.

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	400000000	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Patient Transport Volume per Year

Definition

The number of EMS transports per year based on last calendar year.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 572 EMS Patient Transport Volume (dAgency.20) cannot be Blank or "Not Recorded" or must be less than or equal to EMS Patient Contact Volume per Year (dAgency.21).

Additional Information

Comment Comment Type
 This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value NEMSIS
 should be associated with each with (dAgency.15) Statistical Calendar Year.

XSD Data Specification

Frequency and Use

Attributes

Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	400000000	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Patient Contact Volume per Year

Definition

The number of EMS patient contacts per year based on last calendar year.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 574 When dAgency.AgencyYearGroup exists then EMS Patient Contact Volume per Year (dAgency.21) cannot be Blank or "Not Applicable" or "Not Recorded" or must be less than or equal to the Total Primary Service Area Population (dAgency.17).

Additional Information

Comment Comment Type
 This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value NEMSIS
 should be associated with each with (dAgency.15) Statistical Calendar Year.

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	400000000	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Agency Contact Type

Definition

The contact type within the EMS agency.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1101001	Administrative Assistant	FV	1101003	EMS Agency Director/Chief/Lead Administrator/CEO	FV
1101005	EMS Assistant Agency Director/Chief/Administrator/CEO	FV	1101007	EMS Assistant Medical Director	FV
1101009	EMS IT/Data Specialist	FV	1101011	EMS Medical Director	FV
1101013	EMS Quality/Performance Improvement Specialist	FV	1101015	EMS Training/Education Specialist	FV
1101017	Other (Not Listed)	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	7701005	Not Reporting	NV

No Business Rules

No Comments

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	M	Mandatory
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Agency Contact Last Name

Definition

The Last Name of the agency's primary contact.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

No Comments

XSD Data Specification

Data Type	string
Min	1
Max	60
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	M	Mandatory
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Agency Contact First Name

Definition

The first name of the agency's primary contact.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

No Comments

XSD Data Specification

Data Type	string
Min	1
Max	50
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	M	Mandatory
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Agency Contact Middle Name/Initial

Definition

The middle name or initial of the agency's primary contact.

No Field Values

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Agency Contact Address

Definition

The street address of the agency contact's mailing address.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment	Comment Type
The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	255	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Agency Contact City

Definition

The city of the EMS agency contact's mailing address.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment	Comment Type
The city should be the mailing address for each contact type for the EMS agency.	NEMSIS
The EMS agency primary address information (e.g., City) should be entered for the Agency Contact Type (dContact.05) "EMS Agency Director/Chief/Lead Administrator/CEO".	NEMSIS
City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.	NEMSIS
Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Agency Contact State

Definition

The state of the Agency contact's mailing address.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

- ID Business Rule
- 586 Agency Contact State (dContact.07) code must match GNIS Code for states.

Additional Information

Comment	Comment Type
The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.	NEMSIS
Based on the state ANSI Code. For individuals living outside the USA full address to be entered in the address line.	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	2	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Agency Contact ZIP Code

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment	Comment Type
The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.	NEMSIS
ZIP Codes Product Website: https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/	NEMSIS
Product: USA - 5-digit ZIP Code Database, Commercial Edition	NEMSIS

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{5} [0-9]{5}-[0-9]{4} [0-9]{5}-[0-9]{5} [A-Z][0-9][A-Z] [0-9][A-Z][0-9]				Email (EM)	No
					Distance (DU)	No



Agency Contact Country

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
CA	Canada	FV	MX	Mexico	FV
US	United States	FV			

Business Rules

- ID Business Rule
- 587 Agency Contact Country (dContact.09) must match an ANSI Country code.

Additional Information

Comment	Comment Type
The International Organization for Standardization (ISO) ISO 3166-1-alpha-2 code element for the country.	NEMSIS
The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.	NEMSIS
For individuals living outside the USA full address to be entered in the address line.	NEMSIS
ANSI Country Codes (ISO 3166) Website: http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Agency Contact Phone Number

Definition

Agency contact phone number.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	9913001	Fax	PH
9913003	Home	PH	9913005	Mobile	PH
9913007	Pager	PH	9913009	Work	PH

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	Yes
Patterns	[2-9][0-9][0-9]-[2-9][0-9][0-9]-[0-9][0-9][0-9]				Email (EM)	No
					Distance (DU)	No



Agency Contact Email Address

Definition

The primary email address of the Agency contact.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	9904001	Personal	EM
9904003	Work	EM			

No Business Rules

Additional Information

Comment Comment Type
 The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency. NEMSIS

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min	3	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	100	NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	.+@.+				Email (EM)	Yes
					Distance (DU)	No



EMS Agency Contact Web Address

Definition

The primary website address of the agency.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment	Comment Type
The EMS agency website address should be entered for the Agency Contact Type (dContact.05) "EMS Agency Director/Chief/Lead Administrator/CEO".	NEMSIS
The EMS agency website address or other websites are optional for other contact types (e.g., Administrative Assistant, EMS Medical Director, etc.).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	3	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	255	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Agency Medical Director Degree

Definition

The medical school degree type of the EMS Medical Director.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1113001	Doctor of Medicine	FV	1113003	Doctor of Osteopathy	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID	Business Rule
588	Agency Medical Director Degree (dContact.13) cannot equal "Not Applicable" or "Not Recorded" or "Not Reporting" when Agency Contact Type (dContact.01) has a value of "EMS Medical Director".

Additional Information

Comment	Comment Type
The Medical Director Information has been merged into Section dContact.	NEMSIS
This data element is now associated with the Medical Director and Assistant Medical Director Contacts in Section dContact.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Agency Medical Director Board Certification Type

Definition

Documentation of the type of board certification of the EMS Agency Medical Director.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1114001	Allergy and Immunology	FV	1114003	Anesthesiology	FV
1114005	Colon and Rectal Surgery	FV	1114007	Dermatology	FV
1114009	Emergency Medicine	FV	1114011	Family Medicine	FV
1114013	Internal Medicine	FV	1114015	Neurological Surgery	FV
1114017	Neurology	FV	1114019	None (Not Board Certified)	FV
1114021	Obstetrics and Gynecology	FV	1114023	Ophthalmology	FV
1114025	Orthopedic Surgery	FV	1114027	Otolaryngology	FV
1114029	Pediatrics	FV	1114031	Physical Medicine and Rehabilitation	FV
1114033	Plastic Surgery	FV	1114035	Psychiatry	FV
1114037	Surgery	FV	1114039	Thoracic Surgery	FV
1114041	Urology	FV	1114043	Vascular Surgery	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID Business Rule

- 591 Agency Medical Director Board Certification Type (dContact.14) cannot equal "Not Applicable" or "Not Recorded" or "Not Reporting" when Agency Contact Type (dContact.01) has a value of "EMS Medical Director".

Additional Information

Comment	Comment Type
This is based on the American Board of Medical Specialties List of Certifications.	NEMSIS
The Medical Director Information from Section D02 of NEMSIS Version 2.2.1 has been merged into Version 3 Section dContact.	NEMSIS

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



dConfiguration.01

State Associated with this Configuration

Definition

The state associated with this configuration.

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
Associated with the state (dAgency.04 - EMS Agency State)	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS
The state EMS system does not need to import this information into their database.	NEMSIS
Reference the Demographic Dataset Submission Guide for further details.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	2	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	2	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{2}				Email (EM)	No
					Distance (DU)	No

EMS Certification Levels Permitted to Perform Each Procedure

Definition

EMS certification levels which are permitted to perform the procedure listed in dConfiguration.07.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9917001	Advanced Emergency Medical Technician (AEMT)	FV	9917002	Emergency Medical Technician - Intermediate	FV
9917003	Emergency Medical Responder (EMR)	FV	9917005	Emergency Medical Technician (EMT)	FV
9917007	Paramedic	FV	9917019	Physician	FV
9917021	Critical Care Paramedic	FV	9917023	Community Paramedicine	FV
9917025	Nurse Practitioner	FV	9917027	Physician Assistant	FV
9917029	Licensed Practical Nurse (LPN)	FV	9917031	Registered Nurse	FV

No Business Rules

Additional Information

Comment	Comment Type
Using each certification level within the agency, indicate the approved procedures allowed utilizing dConfiguration.07 (EMS Agency Procedures).	NEMSIS
The category Emergency Medical Technician - Intermediate includes EMS professionals with an "85" or "99" certification level.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Agency Procedures

Definition

A list of all procedures that the agency has implemented and available for use by any/all EMS certification levels.

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
Procedures which are recorded as a Vital Sign do not have to be documented in the Procedure Section.	NEMSIS
Reference the Florida Defined List for Procedures.	Florida
Website: https://www.floridaemstars.com/downloads_v3X.htm	Florida

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:M	One-To-Many	Not Values (NV)	No
Min	100000	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	9999999999999999	NEMSIS Usage	M	Mandatory	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

EMS Certification Levels Permitted to Administer Each Medication

Definition

All EMS certification levels which are permitted to administer the medications listed in dConfiguration.09 (EMS Agency Medications).

Field Values

Code	Code Description	Type	Code	Code Description	Type
9917001	Advanced Emergency Medical Technician (AEMT)	FV	9917002	Emergency Medical Technician - Intermediate	FV
9917003	Emergency Medical Responder (EMR)	FV	9917005	Emergency Medical Technician (EMT)	FV
9917007	Paramedic	FV	9917019	Physician	FV
9917021	Critical Care Paramedic	FV	9917023	Community Paramedicine	FV
9917025	Nurse Practitioner	FV	9917027	Physician Assistant	FV
9917029	Licensed Practical Nurse (LPN)	FV	9917031	Registered Nurse	FV

No Business Rules

Additional Information

Comment	Comment Type
Using each certification level within the agency, indicate the approved medications allowed utilizing dConfiguration.09 (EMS Agency Medications).	NEMSIS
The category Emergency Medical Technician - Intermediate includes EMS professionals with an "85" or "99" certification level.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Agency Medications

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
9924003	RxNorm	FV	9924005	SNOMED-CT	FV

No Business Rules

Additional Information

Comment	Comment Type
Reference the Florida Defined List for Medications.	Florida
Website: https://www.floridaemstars.com/downloads_v3X.htm	Florida

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	No
Min	2	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	9	NEMSIS Usage	M	Mandatory	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

EMS Agency Protocols

Definition

A list of all of the EMS field protocols that the agency has in place and available for use.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9914001	Airway	FV	9914003	Airway-Failed	FV
9914005	Airway-Obstruction/Foreign Body	FV	9914007	Airway-Rapid Sequence Induction (RSI-Paralytic)	FV
9914009	Airway-Sedation Assisted (Non-Paralytic)	FV	9914011	Cardiac Arrest-Asystole	FV
9914013	Cardiac Arrest-Hypothermia-Therapeutic	FV	9914015	Cardiac Arrest-Pulseless Electrical Activity	FV
9914017	Cardiac Arrest-Ventricular Fibrillation/ Pulseless Ventricular Tachycardia	FV	9914019	Cardiac Arrest-Post Resuscitation Care	FV
9914021	Environmental-Altitude Sickness	FV	9914023	Environmental-Cold Exposure	FV
9914025	Environmental-Frostbite/Cold Injury	FV	9914027	Environmental-Heat Exposure/Exhaustion	FV
9914029	Environmental-Heat Stroke/Hyperthermia	FV	9914031	Environmental-Hypothermia	FV
9914033	Exposure-Airway/Inhalation Irritants	FV	9914035	Exposure-Biological/Infectious	FV
9914037	Exposure-Blistering Agents	FV	9914039	Exposure-Carbon Monoxide/Smoke Inhalation	FV
9914041	Exposure-Chemicals to Eye	FV	9914043	Exposure-Cyanide	FV
9914045	Exposure-Explosive/ Blast Injury	FV	9914047	Exposure-Nerve Agents	FV
9914049	Exposure-Radiologic Agents	FV	9914051	General-Back Pain	FV
9914053	General-Behavioral/Patient Restraint	FV	9914055	General-Cardiac Arrest	FV
9914057	General-Dental Problems	FV	9914059	General-Epistaxis	FV
9914061	General-Fever	FV	9914063	General-Individualized Patient Protocol	FV
9914065	General-Indwelling Medical Devices/Equipment	FV	9914067	General-IV Access	FV
9914069	General-Medical Device Malfunction	FV	9914071	General-Pain Control	FV
9914073	General-Spinal Immobilization/Clearance	FV	9914075	General-Universal Patient Care/ Initial Patient Contact	FV
9914077	Injury-Amputation	FV	9914079	Injury-Bites and Envenomations-Land	FV
9914081	Injury-Bites and Envenomations-Marine	FV	9914083	Injury-Bleeding/ Hemorrhage Control	FV
9914085	Injury-Burns-Thermal	FV	9914087	Injury-Cardiac Arrest	FV
9914089	Injury-Crush Syndrome	FV	9914091	Injury-Diving Emergencies	FV
9914093	Injury-Drowning/Near Drowning	FV	9914095	Injury-Electrical Injuries	FV
9914097	Injury-Extremity	FV	9914099	Injury-Eye	FV
9914101	Injury-Head	FV	9914103	Injury-Impaled Object	FV
9914105	Injury-Multisystem	FV	9914107	Injury-Spinal Cord	FV
9914109	Medical-Abdominal Pain	FV	9914111	Medical-Allergic Reaction/Anaphylaxis	FV
9914113	Medical-Altered Mental Status	FV	9914115	Medical-Bradycardia	FV
9914117	Medical-Cardiac Chest Pain	FV	9914119	Medical-Diarrhea	FV
9914121	Medical-Hyperglycemia	FV	9914123	Medical-Hypertension	FV
9914125	Medical-Hypoglycemia/Diabetic Emergency	FV	9914127	Medical-Hypotension/Shock (Non-Trauma)	FV
9914129	Medical-Influenza-Like Illness/ Upper Respiratory Infection	FV	9914131	Medical-Nausea/Vomiting	FV
9914133	Medical-Newborn/ Neonatal Resuscitation	FV	9914135	General-Overdose/Poisoning/Toxic Ingestion	FV
9914137	Medical-Pulmonary Edema/CHF	FV	9914139	Medical-Respiratory Distress/Asthma/COPD/Reactive Airway	FV
9914141	Medical-Seizure	FV	9914143	Medical-ST-Elevation Myocardial Infarction (STEMI)	FV

Agency Configuration		dConfiguration.10 EMS Agency Protocols	
9914145	Medical-Stroke/TIA	FV	9914147 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation) FV
9914149	Medical-Syncope	FV	9914151 Medical-Ventricular Tachycardia (With Pulse) FV
9914153	Not Done	FV	9914155 OB/GYN-Childbirth/Labor/Delivery FV
9914157	OB/GYN-Eclampsia	FV	9914159 OB/GYN-Gynecologic Emergencies FV
9914161	OB/GYN-Pregnancy Related Emergencies	FV	9914163 OB/GYN-Post-partum Hemorrhage FV
9914165	Other	FV	9914167 Exposure-Carbon Monoxide FV
9914169	Cardiac Arrest-Do Not Resuscitate	FV	9914171 Cardiac Arrest-Special Resuscitation Orders FV
9914173	Exposure-Smoke Inhalation	FV	9914175 General-Community Paramedicine / Mobile Integrated Healthcare FV
9914177	General-Exception Protocol	FV	9914179 General-Extended Care Guidelines FV
9914181	General-Interfacility Transfers	FV	9914183 General-Law Enforcement - Blood for Legal Purposes FV
9914185	General-Law Enforcement - Assist with Law Enforcement Activity	FV	9914187 General-Neglect or Abuse Suspected FV
9914189	General-Refusal of Care	FV	9914191 Injury-Mass/Multiple Casualties FV
9914193	Injury-Thoracic	FV	9914195 Medical-Adrenal Insufficiency FV
9914197	Medical-Apparent Life Threatening Event (ALTE)	FV	9914199 Medical-Tachycardia FV
9914201	Cardiac Arrest-Determination of Death / Withholding Resuscitative Efforts	FV	9914203 Injury-Conducted Electrical Weapon (e.g., Taser) FV
9914205	Injury-Facial Trauma	FV	9914207 Injury-General Trauma Management FV
9914209	Injury-Lightning/Lightning Strike	FV	9914211 Injury-SCUBA Injury/Accidents FV
9914213	Injury-Topical Chemical Burn	FV	9914215 Medical-Beta Blocker Poisoning/Overdose FV
9914217	Medical-Calcium Channel Blocker Poisoning/Overdose	FV	9914219 Medical-Opioid Poisoning/Overdose FV
9914221	Medical-Respiratory Distress-Bronchiolitis	FV	9914223 Medical-Respiratory Distress-Croup FV
9914225	Medical-Stimulant Poisoning/Overdose	FV	

No Business Rules

Additional Information

Comment	Comment Type
This is associated with the EMS Agency Number (dAgency.02) since each EMS Agency Number may have different capabilities.	NEMSIS
State and local entities can add additional protocols to the list but the additional protocols must map to these uniform codes.	NEMSIS
The list is defined by the NASEMSO State Medical Directors.	NEMSIS
Field Value cp101 Community Paramedic Protocol is a custom value and must be submitted according the NEMSIS custom element specification.	Florida

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

EMS Agency Specialty Service Capability

Definition

Special training or services provided by the EMS Agency and available to the EMS service area/community.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1211001	Air Rescue	FV	1211003	CBRNE	FV
1211005	Community Health Medicine	FV	1211007	Disaster Medical Assistance Team (DMAT)	FV
1211009	Disaster Mortuary (DMORT)	FV	1211011	Dive Rescue	FV
1211013	Farm Rescue	FV	1211015	High Angle Rescue	FV
1211017	Machinery Disentanglement	FV	1211019	None	FV
1211021	Ski / Snow Rescue	FV	1211023	Tactical EMS	FV
1211025	Trench / Confined Space Rescue	FV	1211027	Urban Search and Rescue (USAR)	FV
1211029	Vehicle Extrication	FV	1211031	Veterinary Medical Assistance Team (VMAT)	FV
1211033	Water or Ice Related Rescue (Incl Swift Water)	FV	1211035	Wilderness Search and Rescue	FV

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

Data Type	integer	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Emergency Medical Dispatch (EMD) Provided to EMS Agency Service Area

Definition

Indication as to whether Emergency Medical Dispatch is provided to the EMS Agency's service area.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1213001	No	FV	1213003	Yes, 100% of the EMS Agency's Service Area	FV
1213005	Yes, Less than 100% of the EMS Agency's Service Area	FV			

No Business Rules

Additional Information

Comment	Comment Type
Added to better document the implementation of Emergency Medical Dispatch.	NEMSIS
Associated with each EMS Agency and the specific EMS Agency Number (dAgency.02).	NEMSIS

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMD Vendor

Definition

The vendor or company associated with the EMD Card set and algorithms.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

No Comments

XSD Data Specification

Data Type	string
Min	2
Max	100
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:M	Zero-To-Many
Florida Usage	O	Optional
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	Yes
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



dConfiguration.15

Patient Monitoring Capability(ies)

Definition

The EMS Agency's patient monitoring capability which can be provided to any/all patients presenting to EMS.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1215001	Capnography-Numeric	FV	1215003	Capnography-Waveform	FV
1215005	ECG-12 Lead or Greater	FV	1215007	ECG-Less than 12 Lead (Cardiac Monitor)	FV
1215009	Oximetry-Carbon Monoxide	FV	1215011	Oximetry-Oxygen	FV
1215013	Pressure Measurement-Invasive (Arterial, CVP, Swan, etc.)	FV	1215015	Pressure Measurement-Non-Invasive (Blood Pressure, etc.)	FV
1215017	Ventilator-Transport	FV	1215019	Vital Sign Monitoring	FV

No Business Rules

Additional Information

Comment	Comment Type
Added to identify the patient monitoring capability of the EMS Agency.	NEMSIS
Associated with each EMS Agency Number (dAgency.02) since each EMS Agency Number may have a different capability within each EMS Agency.	NEMSIS
Other patient monitoring capability may exist but NEMSIS Version 3 only includes these specific capabilities.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Crew Call Sign

Definition

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

No Field Values

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	No
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	M	Mandatory	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Unit/Vehicle Number

Definition

The unique ID number for the unit which is specific for each vehicle. This ID number may be the state's vehicle's permit number.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment	Comment Type
This element can be used in EMS PCR documentation to document the vehicle.	NEMSIS
This element should be used to populate eResponse.13 (EMS Vehicle (Unit) Number).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	25	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Personnel's Last Name

Definition

The last name of the personnel.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID	Business Rule
1230	EMS Personnel's Last Name dPersonnel.01 cannot blank or Not Value when EMS Personnel's State's Licensure ID Number dPersonnel.23 has a valid Field Value
601	EMS Personnel's Last Name (dPersonnel.01) is required when the Personnel group is created.

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	60	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Personnel's First Name

Definition

The first name of the personnel.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID	Business Rule
1232	EMS Personnel's First Name dPersonnel.02 cannot blank or Not Value when EMS Personnel's State's Licensure ID Number dPersonnel.23 has a valid Field Value
600	EMS Personnel's First Name (dPersonnel.02) is required when the Personnel group is created.

No Comments

XSD Data Specification

Data Type	string
Min	1
Max	50
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	1:1	One-To-One
Florida Usage	M	Mandatory
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



EMS Personnel's Middle Name/Initial

Definition

The middle name or initial of the personnel.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

No Comments

XSD Data Specification

Data Type	string
Min	1
Max	50
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	1:1	One-To-One
Florida Usage	O	Optional
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



EMS Personnel's Date of Birth

Definition

The personnel's date of birth.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID	Business Rule
1233	EMS Personnel's Date of Birth dPersonnel.11 cannot blank or Not Value when EMS Personnel's State's Licensure ID Number dPersonnel.23 has a valid Field Value
608	EMS Personnel's Date of Birth (dPersonnel.11) is required when the Personnel group is created.

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	date	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1900-01-01	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	2050-01-01	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Personnel's sex

Definition

The personnel's sex.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9919001	Female	FV	9919003	Male	FV
9919005	Unknown	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	7701005	Not Reporting	NV

No Business Rules

No Comments

XSD Data Specification

Data Type	integer
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	1:1	One-To-One
Florida Usage	M	Mandatory
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



EMS Personnel's Race

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
1513001	American Indian or Alaska Native	FV	1513003	Asian	FV
1513005	Black or African American	FV	1513007	Hispanic or Latino	FV
1513009	Native Hawaiian or Other Pacific Islander	FV	1513011	White	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID Business Rule

616 EMS Personnel's Race (dPersonnel.13) is required when the Personnel group is created.

Additional Information

Comment	Comment Type
OMB requirements are provided at: https://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-089.html	NEMSIS
Using single multiple choice question methodology to improve the completion of ethnicity information.	NEMSIS
Ethnicity (Version 2.2.1: D08_14) has been merged with this data element and retired.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Personnel's Highest Educational Degree

Definition

The highest educational degree completed by the personnel.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1515001	No Schooling Completed	FV	1515003	Nursery School to 4th Grade	FV
1515005	5th Grade or 6th Grade	FV	1515007	7th Grade or 8th Grade	FV
1515009	9th Grade	FV	1515011	10th Grade	FV
1515013	11th Grade	FV	1515015	12th Grade, No Diploma	FV
1515017	High School Graduate-Diploma or the Equivalent (GED)	FV	1515019	Some College Credit, but Less than 1 Year	FV
1515021	1 or More Years of College, No Degree	FV	1515023	Associate Degree	FV
1515025	Bachelor's Degree	FV	1515027	Master's Degree	FV
1515029	Professional Degree (i.e. MD, DDS, DVM, LLB, JD)	FV	1515031	Doctorate Degree (i.e. PhD, EdD)	FV

No Business Rules

Additional Information

Comment

Based on Census 2000 Educational Attainment Question.

Comment Type

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Personnel's State of Licensure

Definition

The state of the certification/licensure ID number assigned to the personnel member.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID Business Rule

620 EMS Personnel's State of Licensure (dPersonnel.22) is required when the Personnel group is created.

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	2	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{2}				Email (EM)	No
					Distance (DU)	No



EMS Personnel's State's Licensure ID Number

Definition

The state's licensure/certification ID number for the personnel.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID Business Rule

624 EMS Personnel's State's Licensure ID Number (dPersonnel.23) is required when the Personnel group is created.

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Personnel's State EMS Certification Licensure Level

Definition

The personnel's state EMS certification level.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9925001	Advanced Emergency Medical Technician (AEMT)	FV	9925002	Emergency Medical Technician - Intermediate	FV
9925003	Emergency Medical Responder (EMR)	FV	9925005	Emergency Medical Technician (EMT)	FV
9925007	Paramedic	FV	9925023	Other Healthcare Professional	FV
9925025	Other Non-Healthcare Professional	FV	9925027	Physician	FV
9925029	Respiratory Therapist	FV	9925031	Student	FV
9925033	Critical Care Paramedic	FV	9925035	Community Paramedicine	FV
9925037	Nurse Practitioner	FV	9925039	Physician Assistant	FV
9925041	Licensed Practical Nurse (LPN)	FV	9925043	Registered Nurse	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID Business Rule

628 EMS Personnel's State EMS Certification Licensure Level (dPersonnel.24) is required when the Personnel group is created.

Additional Information

Comment	Comment Type
The category Emergency Medical Technician - Intermediate includes EMS professionals with an "85" or "99" certification level.	NEMSIS
Some listed health care providers may not have an EMS certification/licensure number, however their level should be indicated from the list above and the state licensure number should be indicated in dPersonnel.23 - EMS Personnel's	NEMSIS
State's Licensure ID Number.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Personnel's Employment Status

Definition

The personnel's primary employment status for this agency.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1531001	Full Time Paid Employee	FV	1531003	Part Time Paid Employee	FV
1531005	Volunteer	FV	1531007	Neither an Employee Nor a Volunteer	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID Business Rule

632 EMS Personnel's Employment Status (dPersonnel.31) is required when the Personnel group is created.

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Personnel's Hire Date

Definition

The date the employee was hired by the EMS agency for this current job.

No Field Values

Business Rules

ID Business Rule

633 EMS Personnel's Hire Date (dPersonnel.33) is required when the Personnel group is created.

634 EMS Personnel's Hire Date (dPersonnel.33) must be less than or equal to the date of submission.

Additional Information

Comment

Comment Type

This is intended to collect information based on the current employment/job.

NEMSIS

If the EMS personnel has a come and go status, this should reflect the most recent employment/job.

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	date	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1900-01-01	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	2050-01-01	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Personnel's Practice Level

Definition

The EMS certification level at which the individual is providing patient care services for the EMS agency.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9925001	Advanced Emergency Medical Technician (AEMT)	FV	9925002	Emergency Medical Technician - Intermediate	FV
9925003	Emergency Medical Responder (EMR)	FV	9925005	Emergency Medical Technician (EMT)	FV
9925007	Paramedic	FV	9925023	Other Healthcare Professional	FV
9925025	Other Non-Healthcare Professional	FV	9925027	Physician	FV
9925029	Respiratory Therapist	FV	9925031	Student	FV
9925033	Critical Care Paramedic	FV	9925035	Community Paramedicine	FV
9925037	Nurse Practitioner	FV	9925039	Physician Assistant	FV
9925041	Licensed Practical Nurse (LPN)	FV	9925043	Registered Nurse	FV

Business Rules

ID Business Rule

1205 When dPersonnel.CertificationLevelGroup exists then dPersonnel.38 cannot be blank or Not Values

Additional Information

Comment

The category Emergency Medical Technician - Intermediate includes EMS professionals with an "85" or "99" certification level.

Comment Type

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Patient Care Report Number

Definition

The unique number automatically assigned by the EMS agency for each Patient Care Report (PCR). This should be a unique number for the EMS agency for all of time.

No Field Values

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	3	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Software Creator

Definition

The name of the vendor, manufacturer, and developer who designed the application that created this record.

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
This is required to document the software used to generate the Patient Care Report.	NEMESIS
This is not the last software which aggregated/stored the Patient Care Report after it was sent from another software.	NEMESIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	50	NEMESIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Software Name

Definition

The name of the application used to create this record.

No Field Values

No Business Rules

Additional Information

Comment

Comment Type

This is the EMS Agency's software, not the state or other level software which electronically received the data from the local EMS Agency.

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Software Version

Definition

The version of the application used to create this record.

No Field Values

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



PSAP Call Date/Time

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
14	PSAP Call Date/Time (eTimes.01) must be less than or equal to Dispatch Notified Date/Time (eTimes.02).
15	PSAP Call Date/Time (eTimes.01) must be less than or equal to Unit Notified by Dispatch Date/Time (eTimes.03).

Additional Information

Comment	Comment Type
This date/time might be the same as Dispatch Notified Date/Time (eTimes.02).	NEMSIS
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datetime	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Dispatch Notified Date/Time

Definition

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

No Field Values

Business Rules

- ID Business Rule
- 16 Dispatch Notified Date/Time (eTimes.02) must be less than or equal to Unit Notified by Dispatch Date/Time (eTimes.03).

Additional Information

Comment	Comment Type
This date/time might be the same as PSAP Call Date/Time (eTimes.01).	NEMSIS
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
':' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	datetime	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Dispatch Reason

Definition

The dispatch reason reported to the responding unit.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2301001	Abdominal Pain/Problems	FV	2301003	Allergic Reaction/Stings	FV
2301005	Animal Bite	FV	2301007	Assault	FV
2301009	Automated Crash Notification	FV	2301011	Back Pain (Non-Traumatic)	FV
2301013	Breathing Problem	FV	2301015	Burns/Explosion	FV
2301017	Carbon Monoxide/Hazmat/Inhalation/CBRN	FV	2301019	Cardiac Arrest/Death	FV
2301021	Chest Pain (Non-Traumatic)	FV	2301023	Choking	FV
2301025	Convulsions/Seizure	FV	2301027	Diabetic Problem	FV
2301029	Electrocution/Lightning	FV	2301031	Eye Problem/Injury	FV
2301033	Falls	FV	2301035	Fire	FV
2301037	Headache	FV	2301039	Healthcare Professional/Admission	FV
2301041	Heart Problems/AICD	FV	2301043	Heat/Cold Exposure	FV
2301045	Hemorrhage/Laceration	FV	2301047	Industrial Accident/Inaccessible Incident/Other Entrapments (Non-Vehicle)	FV
2301049	Medical Alarm	FV	2301051	No Other Appropriate Choice	FV
2301053	Overdose/Poisoning/Ingestion	FV	2301055	Pandemic/Epidemic/Outbreak	FV
2301057	Pregnancy/Childbirth/Miscarriage	FV	2301059	Psychiatric Problem/Abnormal Behavior/Suicide Attempt	FV
2301061	Sick Person	FV	2301063	Stab/Gunshot Wound/Penetrating Trauma	FV
2301065	Standby	FV	2301067	Stroke/CVA	FV
2301069	Traffic/Transportation Incident	FV	2301071	Transfer/Interfacility/Palliative Care	FV
2301073	Traumatic Injury	FV	2301075	Well Person Check	FV
2301077	Unconscious/Fainting/Near-Fainting	FV	2301079	Unknown Problem/Person Down	FV
2301081	Drowning/Diving/SCUBA Accident	FV	2301083	Airmedical Transport	FV
2301085	Altered Mental Status	FV	2301087	Intercept	FV
2301089	Nausea	FV	2301091	Vomiting	FV

No Business Rules

Additional Information

Comment	Comment Type
Added Pandemic/Epidemic/Outbreak.	NEMSIS
Added Automated Crash Notification	NEMSIS
Added Healthcare Professional Admission	NEMSIS
Added Transfer/Interfacility/Palliative Care	NEMSIS
- Other entries expanded based on current national EMD Dispatch List	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No

Event

eDispatch.01 Dispatch Reason

Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMD Performed

Definition

Indication of whether Emergency Medical Dispatch was performed for this EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2302001	No	FV	2302003	Yes, With Pre-Arrival Instructions	FV
2302005	Yes, Without Pre-Arrival Instructions	FV	2302007	Yes, Unknown if Pre-Arrival Instructions Given	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
1	EMD Performed (eDispatch.02) cannot equal "Not Applicable".

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Dispatch Priority (Patient Acuity)

Definition

The actual, apparent, or potential acuity of the patient’s condition as determined through information obtained during the EMD process.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2305001	Critical	FV	2305003	Emergent	FV
2305005	Lower Acuity	FV	2305007	Non-Acute (e.g., Scheduled Transfer or Standby)	FV

Business Rules

- ID Business Rule
- 2 Dispatch Priority (Patient Acuity) (eDispatch.05) must be filled out when EMD Performed (eDispatch.02) has a value "Yes, With Pre-Arrival Instructions" or "Yes, Without Pre-Arrival Instructions" or "Yes, Unknown if Pre-Arrival Instructions Given".

Additional Information

Comment	Comment Type
The use of acuity values vary by EMS agency.	NEMSIS
Some systems may utilize fewer than four levels and some more.	NEMSIS
The use of four levels is to capture the majority and allow for the inclusion of the NHTSA National EMS Core Content definitions for patient acuity, specifically: Critical, Emergent, and Lower Acuity.	NEMSIS
Provided below is an example application only.	NEMSIS
This example bears no relationship to any particular federal, state, or agency billing requirement.	NEMSIS
For EMS Agencies and CAD / EMD systems utilizing Alpha-Echo, Omega levels for determining the priority level for dispatch of the EMS unit, the recommended mapping is:	NEMSIS
Echo = Critical	NEMSIS
Charlie = Emergent	NEMSIS
Alpha = Lower Acuity	NEMSIS
Delta = Critical	NEMSIS
Bravo = Emergent	NEMSIS
Omega = Non-Acute	NEMSIS
Patient Acuity definitions related to "Critical, Emergent, and Lower Acuity" can be found in the National EMS Core Content document from NHTSA EMS (DOT HS 809-898 July 2005)at http://www.nhtsa.gov/people/injury/ems/emscorecontent/images/EMSCoreContent.pdf	NEMSIS
For Air Medical Transports the most appropriate values choices should be limited to two: Emergent and Non-Acute.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Unit Notified by Dispatch Date/Time

Definition

The date/time the responding unit was notified by dispatch.

No Field Values

Business Rules

- | ID | Business Rule |
|----|---|
| 17 | Unit Notified by Dispatch Date/Time (eTimes.03) must be less than or equal to Dispatch Acknowledged Date/Time (eTimes.04). |
| 20 | Unit Notified by Dispatch Date/Time (eTimes.03) must be less than or equal to Unit Back at Home Location Date/Time (eTimes.15). |

Additional Information

Comment	Comment Type
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1950-01-01T00:00:00-00:00	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Dispatch Acknowledged Date/Time

Definition

The date/time the dispatch was acknowledged by the EMS Unit.

No Field Values

Business Rules

- ID Business Rule
- 23 Dispatch Acknowledge Date/Time (eTimes.04) must be less than or equal to Unit En Route Date/Time (eTimes.05).

Additional Information

Comment	Comment Type
This is the end of turnout time or the beginning of response time.	NEMSIS
Added per Fire Service to better calculate NFPA 1710.	NEMSIS
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



EMS Agency Number

Definition

The state-assigned provider number of the responding agency.

No Field Values

Business Rules

ID Business Rule

1224 EMS Agency Number (eResponse.01) length must be greater than 3 and less than 7 and first four characters must be numeric

1228 EMS Agency Number (eResponse.01) Should be equal to EMS Agency Number (dAgency.02)

Additional Information

Comment

Comment Type

The EMS Agency Number in eResponse.01 can auto-populate from dAgency.02 EMS Agency Number in the demographic section.

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	15	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Incident Number

Definition

The incident number assigned by the 911 Dispatch System

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 6 Incident Number (eResponse.03) is a mandatory Florida field and cannot equal "Not Recorded" or "Not Applicable".

Additional Information

Comment Comment Type
 This number can be used to associate multiple EMS responses, dispatch information, and other information to the same EMS event or patient. NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	3	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Response Number

Definition

The internal EMS response number which is unique for each EMS Vehicle's (Unit) response to an incident within an EMS Agency.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 8 EMS Response Number (eResponse.04) cannot equal "Not Applicable".

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	3	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Type of Service Requested

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
2205001	Emergency Response (Primary Response Area)	FV	2205003	Emergency Response (Intercept)	FV
2205005	Hospital-to-Hospital Transfer	FV	2205007	Other Routine Medical Transport	FV
2205009	Emergency Response (Mutual Aid)	FV	2205011	Public Assistance	FV
2205013	Standby	FV	2205015	Hospital to Non-Hospital Facility Transfer	FV
2205017	Non-Hospital Facility to Non-Hospital Facility Transfer	FV	2205019	Non-Hospital Facility to Hospital Transfer	FV
2205021	Support Services	FV	2205023	Non-Patient Care Rescue/Extrication	FV
2205025	Crew Transport Only	FV	2205027	Transport of Organs or Body Parts	FV
2205029	Mortuary Services	FV	2205031	Mobile Integrated Health Care Encounter	FV
2205033	Evaluation for Special Referral/Intake Programs	FV	2205035	Administrative Operations	FV

No Business Rules

Additional Information

Comment	Comment Type
Values for "911 Response (Scene)", "Intercept", and "Mutual Aid" have been relabeled to start with "Emergency Response" to more easily identify these options. "Interfacility Transport" was relabeled to "Hospital-to-Hospital Transfer" to be more accurate;	NEMSIS
options for "Sending Hospital Staff" and "Critical or Specialty Care" were added to better track resource utilization at local and state levels and support reimbursement levels.	NEMSIS
"Medical Transport" was relabeled to "Other Medical Needs Transport" to cover any other medical transports such as transports to and from dialysis, doctor appointments, return home, or nursing homes.	NEMSIS
Values added to consolidate types of service previously captured in "Primary Role of Unit" and eDisposition.12 as found in V3.4.0. Additional values added to reflect emerging service types.	NEMSIS
With the release of v3.5.0 values were added to meet the needs of EMS	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Standby Purpose

Definition

The main reason the EMS Unit is on Standby as the Primary Type of Service for the EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2206001	Disaster Event-Drill/Exercise	FV	2206003	Disaster Event-Live Staging	FV
2206005	Education	FV	2206007	EMS Staging-Improve Coverage	FV
2206009	Fire Support-Rehab	FV	2206011	Fire Support-Standby	FV
2206013	Mass Gathering-Concert/Entertainment Event	FV	2206015	Mass Gathering-Fair/Community Event	FV
2206017	Mass Gathering-Sporting Event	FV	2206019	Other	FV
2206021	Public Safety Support	FV			

Business Rules

ID	Business Rule
9	Standby Purpose (eResponse.06) must be filled out when Type of Service Requested (eResponse.05) has a value of "Standby".

Additional Information

Comment	Comment Type
Added to document the reason for "Standby" when populated in eResponse.05 (Type of Service Requested).	NEMSIS
This information will assist in administrative analysis of EMS service delivery, special event coverage, etc.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Unit Transport and Equipment Capability

Definition

The transport and equipment capabilities of the EMS Unit which responded to this specific EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2207011	Air Transport-Helicopter	FV	2207013	Air Transport-Fixed Wing	FV
2207015	Ground Transport (ALS Equipped)	FV	2207017	Ground Transport (BLS Equipped)	FV
2207019	Ground Transport (Critical Care Equipped)	FV	2207021	Non-Transport-Medical Treatment (ALS Equipped)	FV
2207023	Non-Transport-Medical Treatment (BLS Equipped)	FV	2207025	Wheel Chair Van/Ambulette	FV
2207027	Non-Transport-No Medical Equipment	FV			

Business Rules

- ID Business Rule
- 10 The Primary Role of the Unit (eResponse.07) must have the value of "Air Transport-Helicopter" or "Air Transport-Fixed Wing" when Arrival at Destination Landing Area Date/Time (eTimes.10) has a date/time value.

Additional Information

Comment	Comment Type
Element relabeled from "Primary Role of Unit" to "Unit Transport and Equipment Capability" to better reflect its new defined purpose and allow the deprecation of eResponse.15 "Level of Care of This Unit". V3.4.0	NEMSIS
Non-Transport values deprecated as these are types of service and were moved to eResponse.05 "Type of Service Requested". Values have been added to better capture transport capability and available equipment.	NEMSIS
These values should be tied to the capabilities and role of the unit and not reflect the level of providers responding to an event.	NEMSIS
Supervisor clarified to Administrative Only.	NEMSIS
If the Supervisor is responding to assist, that would be considered Non-Transport. Transport separated into Air and Ground.	NEMSIS
In Version 2, there was no way to identify Air Transport.	NEMSIS
With the release of V3.5.0 values were deprecated, added, and relabeled to meet the needs of EMS.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Type of Dispatch Delay

Definition

The dispatch delays, if any, associated with the dispatch of the EMS unit to the EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2208001	Caller (Uncooperative)	FV	2208003	Diversion/Failure (of previous unit)	FV
2208005	High Call Volume	FV	2208007	Language Barrier	FV
2208009	Incomplete Address Information Provided	FV	2208011	No EMS Vehicles (Units) Available	FV
2208013	None/No Delay	FV	2208015	Other (Not Listed)	FV
2208017	Technical Failure (Computer, Phone etc.)	FV	2208019	Communication Specialist-Assignment Error	FV
2208021	No Receiving MD, Bed, Hospital	FV	2208023	Specialty Team Delay	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
11	Type of Dispatch Delay (eResponse.08) cannot equal "Not Applicable".

Additional Information

Comment	Comment Type
A dispatch delay is any time delay that occurs from the time of PSAP call (eTimes.01) to the time the unit is notified by dispatch (eTimes.03).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Vehicle (Unit) Number

Definition

The unique physical vehicle number of the responding unit.

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
This is recommended to be the State Vehicle Permit Number if unique to the vehicle.	NEMSIS
If the vehicle is not licensed by the state, this should be a unique number only associated with a specific vehicle.	NEMSIS
This element should be populated from dVehicle.01 - Unit/Vehicle Number.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	25	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Unit Call Sign

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.

No Field Values

No Business Rules

Additional Information

Comment

Comment Type

This element could be populated from a list created in dVehicle.03 EMS Unit Call Sign or dConfiguration.16 (Crew Call Sign).

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Response Mode to Scene

Definition

The indication whether the response was emergent or non-emergent. An emergent response is an immediate response.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2223001	Emergent (Immediate Response)	FV	2223003	Emergent Downgraded to Non-Emergent	FV
2223005	Non-Emergent	FV	2223007	Non-Emergent Upgraded to Emergent	FV

No Business Rules

Additional Information

Comment	Comment Type
Information now split between eResponse.23 (Response Mode to Scene) and eResponse.24 (Additional Response Mode Descriptors)	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Additional Response Mode Descriptors

Definition

The documentation of response mode techniques used for this EMS response.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2224001	Intersection Navigation-Against Normal Light Patterns	FV	2224003	Intersection Navigation-With Automated Light Changing Technology	FV
2224005	Intersection Navigation-With Normal Light Patterns	FV	2224007	Scheduled	FV
2224009	Speed-Enhanced per Local Policy	FV	2224011	Speed-Normal Traffic	FV
2224013	Unscheduled	FV	2224015	Lights and Sirens	FV
2224017	Lights and No Sirens	FV	2224019	No Lights or Sirens	FV
2224021	Initial No Lights or Sirens, Upgraded to Lights and Sirens	FV	2224023	Initial Lights and Sirens, Downgraded to No Lights or Sirens	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
Descriptors have been added to better describe the EMS Response.	NEMSIS
This includes information on whether the EMS event was schedule or unscheduled.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Crew Member ID

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment	Comment Type
Document the state certification/licensure ID for the state where the event occurred.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Crew Member Level

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
9925001	Advanced Emergency Medical Technician (AEMT)	FV	9925002	Emergency Medical Technician - Intermediate	FV
9925003	Emergency Medical Responder (EMR)	FV	9925005	Emergency Medical Technician (EMT)	FV
9925007	Paramedic	FV	9925023	Other Healthcare Professional	FV
9925025	Other Non-Healthcare Professional	FV	9925027	Physician	FV
9925029	Respiratory Therapist	FV	9925031	Student	FV
9925033	Critical Care Paramedic	FV	9925035	Community Paramedicine	FV
9925037	Nurse Practitioner	FV	9925039	Physician Assistant	FV
9925041	Licensed Practical Nurse (LPN)	FV	9925043	Registered Nurse	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment

Comment Type

The category Emergency Medical Technician - Intermediate includes EMS professionals with an "85" or "99" certification level.

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Crew Member Response Role

Definition

The role(s) of the crew member during response, at scene treatment, and/or transport.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2403001	Driver/Pilot-Response	FV	2403003	Driver/Pilot-Transport	FV
2403005	Other	FV	2403007	Other Patient Caregiver-At Scene	FV
2403009	Other Patient Caregiver-Transport	FV	2403011	Primary Patient Caregiver-At Scene	FV
2403013	Primary Patient Caregiver-Transport	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	7701005	Not Reporting	NV

No Business Rules

Additional Information

Comment	Comment Type
This element has been changed to allow for multiple selections.	NEMSIS
There must be a driver for response and transport.	NEMSIS
There must be a primary patient caregiver for scene and transport.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Unit En Route Date/Time

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
25	Unit En Route Date/Time (eTimes.05) cannot equal "Not Applicable" or "Not Recorded" when Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value.
28	Unit En Route Date/Time (eTimes.05) must be less than or equal to Unit Canceled Date/Time (eTimes.14).
29	Unit En Route Date/Time (eTimes.05) must be less than or equal to Unit Back at Home Location Date/Time (eTimes.15).

Additional Information

Comment	Comment Type
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Beginning Odometer Reading of Responding Vehicle

Definition

The mileage (counter or odometer reading) of the vehicle at the beginning of the call (when the wheels begin moving). If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of Boat, Fixed Wing, or Rotor Craft in eDisposition.16 (EMS Transport Method)

No Field Values

Business Rules

- | ID | Business Rule |
|----|--|
| 12 | Beginning Odometer Reading of Responding Vehicle (eResponse.19) must be less than or equal to On-Scene Odometer Reading of Responding Vehicle (eResponse.20) when both fields have a reading. |
| 13 | Beginning Odometer Reading of Responding Vehicle (eResponse.19) must be less than or equal to Ending Odometer Reading of Responding Vehicle (eResponse.22) when both they both have a reading. |

Additional Information

Comment	Comment Type
If a mileage counter is being used instead of an odometer, this value would be 0.	NEMSIS

XSD Data Specification		Frequency and Use			Attributes	
Data Type	decimal	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits	8	XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits	2				Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Type of Response Delay

Definition

The response delays, if any, of the EMS unit associated with the EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2209001	Crowd	FV	2209003	Directions/Unable to Locate	FV
2209005	Distance	FV	2209007	Diversion (Different Incident)	FV
2209009	HazMat	FV	2209011	None/No Delay	FV
2209013	Other	FV	2209015	Rendezvous Transport Unavailable	FV
2209017	Route Obstruction (e.g., Train)	FV	2209019	Scene Safety (Not Secure for EMS)	FV
2209021	Staff Delay	FV	2209023	Traffic	FV
2209025	Vehicle Crash Involving this Unit	FV	2209027	Vehicle Failure of this Unit	FV
2209029	Weather	FV	2209031	Mechanical Issue-Unit, Equipment, etc	FV
2209033	Flight Planning	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID	Business Rule
21	Type of Response Delay (eResponse.09) cannot equal "Not Applicable" or "Not Recorded" when En Route Date/Time (eTimes.05) has a date/time value.

Additional Information

Comment	Comment Type
Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc. to return to service.	NEMSIS
A response delay is any time delay that occurs from the time the unit is notified by dispatch (eTimes.03) to the time the unit arrived on scene (eTimes.06).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Unit Arrived at Staging Area Date/Time

Definition

The date/time the responding unit arrived at a staging area, prior to arrival on scene.

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
For use when the EMS Units and personnel are not allowed access to the scene until it is cleared for reasons such as safety (e.g., shooting, hazmat, tornado, fire, etc.).	NEMSIS
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	date	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Unit Arrived on Scene Date/Time

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
60	Unit Arrived on Scene Date/Time (eTimes.06) cannot equal to "Not Applicable" or "Not Recorded" or must be less than or equal to Arrived at Patient Date/Time (eTimes.07).
63	Unit Arrived on Scene Date/Time (eTimes.06) cannot equal "Not Applicable" or "Not Recorded" when Unit Left Scene Date/Time (eTimes.09) has a date/time value.

Additional Information

Comment	Comment Type
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
datetime	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Min	NEMSIS Usage	R	Required	Correlation ID	No
Max	XML Usage	R	Required	Time Stamp (TS)	No
Total Digits				Phone (PH)	No
Fraction Digits				Email (EM)	No
Patterns				Distance (DU)	No



On-Scene Odometer Reading of Responding Vehicle

Definition

The mileage (counter or odometer reading) of the vehicle when it arrives at the scene. If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of Boat, Fixed Wing, or Rotor Craft in eDisposition.16 (EMS Transport Method).

No Field Values

Business Rules

ID Business Rule

- 32 On-Scene Odometer Reading of Responding Vehicle (eResponse.20) must be less than or equal to Ending Odometer Reading of Responding Vehicle (eResponse.22) when both fields have a reading.

Additional Information

Comment

Comment Type

If using a counter, this is the mileage traveled from dispatch to the scene starting from 0.

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	decimal	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits	8	XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits	2				Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

First EMS Unit on Scene

Definition

Documentation that this EMS Unit was the first EMS Unit among all EMS Agencies on the Scene.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9923001	No	FV	9923003	Yes	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 33 First EMS Unit on Scene (eScene.01) cannot equal "Not Applicable" or "Not Recorded" when Unit Arrived on Scene (eTimes.06) has a date/time value.

Additional Information

Comment	Comment Type
Added to improve the evaluation of Response Times when multiple EMS units are responding to the same scene.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Other EMS or Public Safety Agencies at Scene

Definition

Other EMS agency names that were at the scene, if any.

No Field Values

No Business Rules

Additional Information

Comment

Comment Type

For states and local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), eScene.02 and eScene.03 are used to populate CARES data element #16 Fire/First Responder as defined by CARES in the CARES 2019

NEMSIS

Data Dictionary: [https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20\(2019\).pdf](https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20(2019).pdf).

NEMSIS

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	2	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	100	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Type of Other Service at Scene

Definition

The type of public safety or EMS service associated with Other Agencies on Scene.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2704001	EMS Mutual Aid	FV	2704003	Fire	FV
2704005	First Responder	FV	2704007	Hazmat	FV
2704009	Law	FV	2704011	Other	FV
2704013	Other EMS Agency	FV	2704015	Other Health Care Provider	FV
2704017	Rescue	FV	2704019	Utilities	FV

Business Rules

ID Business Rule

- 35 Type of Other Service at Scene (eScene.04) must be filled out when Other EMS or Public Safety Agencies at Scene (eScene.02) has a value.

Additional Information

Comment

Associated with each Other Service in eScene.02

Comment Type

NEMSIS

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	C	Conditional
NEMSIS Usage	O	Optional
XML Usage	O	Optional

Attributes

Not Values (NV)	No
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No

Number of Patients at Scene

Definition

Indicator of how many total patients were at the scene

Field Values

Code	Code Description	Type	Code	Code Description	Type
2707001	Multiple	FV	2707003	None	FV
2707005	Single	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

- ID Business Rule
- 36 Number of Patients at Scene (eScene.06) cannot equal "Not Applicable" or "Not Recorded" when Unit Arrived on Scene (eTimes.06) has a date/time value.

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Mass Casualty Incident

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
9923001	No	FV	9923003	Yes	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID Business Rule

- 38 Mass Casualty Incident (eScene.07) cannot equal "Not Applicable" or "Not Recorded" when Unit Arrived on Scene (eTimes.06) has a date/time value.

No Comments

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	1:1	One-To-One
Florida Usage	C	Conditional
NEMSIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Incident Location Type

Definition

The kind of location where the incident happened.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 40 Incident Location Type (eScene.09) cannot equal "Not Applicable" or "Not Recorded" when Unit Arrived on Scene (eTimes.06) has a date/time value.

Additional Information

Comment	Comment Type
Code list is represented in ICD-10-CM Codes:	NEMSIS
Reference the NEMSIS Suggested Lists at: https://nemsis.org/technical-resources/version-3/version-3-resources/	NEMSIS
ICD-10-CM	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	Y92\.[0-9]{1,3}				Email (EM)	No
					Distance (DU)	No



Incident Facility Code

Definition

The state, regulatory, or other unique number (code) associated with the facility if the Incident is a Healthcare Facility.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment	Comment Type
Reference the Florida Defined List for Facility Code.	Florida
Website: https://www.floridaemstars.com/downloads_v3X.htm	Florida
This may be populated from a list created within dFacility.03 (Facility Location Code) or dFacility.05 (Facility National Provider Identifier).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Scene GPS Location

Definition

The GPS coordinates associated with the Scene.

No Field Values

Business Rules

- | | |
|----|--|
| ID | Business Rule |
| 42 | When Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value and Incident Country (eScene.22) has a value of "US", then at least one of the following elements must be completed:
Scene GPS Location (eScene.11)
Scene US National Grid Coordinates, (eScene.12)
Mile Post or Major Roadway (eScene.14)
Incident Street Address (eScene.15)
Scene Cross Street or Directions (eScene.20). |

Additional Information

Comment	Comment Type
The pattern for GPS location is in the format "latitude,longitude" where:	NEMSIS
- latitude has a minimum of -90 and a maximum of 90 with up to 6 decimal places	NEMSIS
- longitude has a minimum of -180 and a maximum of 180 with up to 6 decimal places	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	(\+ -)?(90(\.[0]{1,6})? ([1-8][0-9] [0-9])(\.[0-9]{1,6})?),(\+ -)?(180(\.[0]{1,6})? (1[0-7][0-9] [1-9][0-9] 0-9)(\.[0-9]{1,6})?)				Email (EM)	No
					Distance (DU)	No

Scene US National Grid Coordinates

Definition

The US National Grid Coordinates for the Scene.

No Field Values

Business Rules

- | | |
|----|--|
| ID | Business Rule |
| 43 | When Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value and Incident Country (eScene.22) has a value of "US", then at least one of the following elements must be completed:
Scene GPS Location (eScene.11)
Scene US National Grid Coordinates, (eScene.12)
Mile Post or Major Roadway (eScene.14)
Incident Street Address (eScene.15)
Scene Cross Street or Directions (eScene.20). |

Additional Information

Comment	Comment Type
Standard found at www.fgdc.gov/usng	NEMSIS

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[[1-9] [1-5][0-9] 60][C-HJ-NP-X][A-HJ-NP-Z][A-HJ-NP-V][0-9]{8}				Email (EM)	No
					Distance (DU)	No

Florida

eScene.14

Mile Post or Major Roadway

Definition

The mile post or major roadway associated with the incident locations.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

- | ID | Business Rule |
|----|--|
| 44 | When Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value and Incident Country (eScene.22) has a value of "US", then at least one of the following elements must be completed:
Scene GPS Location (eScene.11)
Scene US National Grid Coordinates, (eScene.12)
Mile Post or Major Roadway (eScene.14)
Incident Street Address (eScene.15)
Scene Cross Street or Directions (eScene.20). |

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	35	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Incident Street Address

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 45 Incident Street Address (eScene.15) cannot be left blank when Incident Apartment, Suite or Room (eScene.16) has a value.
- 46 Incident Street Address (eScene.15) cannot equal "Not Applicable" when Incident Apartment, Suite or Room (eScene.16) has a value.
- 48 When Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value and Incident Country (eScene.22) has a value of "US", then at least one of the following elements must be completed:
 - Scene GPS Location (eScene.11)
 - Scene US National Grid Coordinates, (eScene.12)
 - Mile Post or Major Roadway (eScene.14)
 - Incident Street Address (eScene.15)
 - Scene Cross Street or Directions (eScene.20).

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	255	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Incident Apartment, Suite, or Room

Definition

The number of the specific apartment, suite, or room where the incident occurred.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

No Comments

XSD Data Specification

Data Type	string
Min	1
Max	15
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	C	Conditional
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No

Incident City

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID	Business Rule
49	Incident City (eScene.17) cannot equal "Not Applicable" or "Not Recorded" when incident Zip Code (eScene.19) has a U.S. zip code unless Incident Country (eScene.22) has a value other than "US".
52	Incident City (eScene.17) cannot be blank when incident Zip Code (eScene.19) has a U.S. zip code unless Incident Country (eScene.22) has a value other than "US".
53	Incident City (eScene.17) cannot equal "Not Applicable" when Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value unless Incident Country (eScene.22) has a value other than "US".
54	Incident City (eScene.17) cannot be left blank when Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value unless Incident Country (eScene.22) has a value other than "US".

Additional Information

Comment	Comment Type
City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.	NEMSIS
Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Incident State

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
55	Incident State (eScene.18) cannot equal "Not Applicable" or "Not Recorded" when Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value unless Incident Country (eScene.22) has a value other than "US".
1200	Incident State (eScene.18) must be defined and cannot equal a NOT Value when Unit Disposition (eDisposition.27) has a valid value other than "Cancelled Prior to Arrival at Scene" - Schematron Error

Additional Information

Comment	Comment Type
Based on the state ANSI Code. For individuals living outside the USA full address to be entered in the address line.	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS
For individuals living outside the USA full address to be entered in the address line.	Florida

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Incident ZIP Code

Definition

The ZIP code of the incident location

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 57 Incident ZIP Code (eScene.19) cannot be "Not Applicable" when Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value unless Incident Country (eScene.22) has a value other than "US".

Additional Information

Comment	Comment Type
ZIP Codes Product Website: https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/	NEMSIS
Product: USA - 5-digit ZIP Code Database, Commercial Edition	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{5} [0-9]{5}-[0-9]{4} [0-9]{5}-[0-9]{5} [A-Z][0-9][A-Z] [0-9][A-Z][0-9]				Email (EM)	No
					Distance (DU)	No



Scene Cross Street or Directions

Definition

The nearest cross street to the incident address or directions from a recognized landmark or the second street name of an intersection.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

- ID Business Rule
- 58 When Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value and Incident Country (eScene.22) has a value of "US", then at least one of the following elements must be completed:
 - Scene GPS Location (eScene.11)
 - Scene US National Grid Coordinates, (eScene.12)
 - Mile Post or Major Roadway (eScene.14)
 - Incident Street Address (eScene.15)
 - Scene Cross Street or Directions (eScene.20).

Additional Information

Comment Comment Type
 Added to better locate/document the scene (incident) location. Version 3 Changes

XSD Data Specification

Data Type	string
Min	2
Max	255
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	C	Conditional
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Incident County

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
59	Incident County (eScene.21) cannot equal "Not Applicable" when Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value unless Incident Country (eScene.22) has a value other than "US".
1201	Incident County (eScene.21) must be defined and cannot equal a NOT Value when Unit Disposition (eDisposition.27) has a valid value other than "Cancelled Prior to Arrival at Scene". - Schematron Error

Additional Information

Comment	Comment Type
Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes).	NEMSIS
Should be required if there is a patient associated with the event.	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	5	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	5	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{5}				Email (EM)	No
					Distance (DU)	No

Incident Country

Definition

The country of the incident location.

No Field Values

No Business Rules

Additional Information

Comment

Comment Type

Based on the ISO Country Code.

NEMSIS

ANSI Country Codes (ISO 3166) Website: http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm

NEMSIS

Added for international compatibility.

Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string
Min	2
Max	2
Total Digits	
Fraction Digits	
Patterns	

Recurrence	0:1	Zero-To-One
Florida Usage	C	Conditional
NEMSIS Usage	O	Optional
XML Usage	O	Optional

Not Values (NV)	No
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No

First Other EMS or Public Safety Agency at Scene to Provide Patient Care

Definition

When there are multiple other EMS Agencies or Public Safety Agencies at the scene, this element documents the other EMS or public safety agency that was first to provide care to the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9923001	No	FV	9923003	Yes	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID Business Rule

1238 In case of a multiple eScene.ResponderGroup only one First Other EMS or Public Safety Agency at Scene to Provide Patient Care(eScene.24) can be recorded as "Yes" all other First Other EMS or Public Safety Agency at Scene to Provide Patient Care(eScene.24) should be recorded as "No".

1234 If Other EMS or Public Safety Agencies at Scene (eScene.02) or Other EMS or Public Safety Agency ID Number (eScene.03) Has a value then First Other EMS or Public Safety Agency at Scene to Provide Patient Care (eScene.24) should Have a value "Yes" or "No".

Additional Information

Comment

Comment Type

For states and local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), eScene.24 is used to populate CARES data element #16 Fire/First Responder as defined by CARES in the CARES 2019 Data Dictionary:

NEMSIS

Dictionary:

[https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20\(2019\).pdf](https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20(2019).pdf)

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Unit Left Scene Date/Time

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
122	Unit Left Scene Date/Time (eTimes.09) must be less than or equal to Arrival at Destination Landing Area Date/Time (eTimes.10).
644	Unit Left Scene Date/Time (eTimes.09) cannot equal "Not Applicable" or "Not Recorded" when Unit Arrived on Scene Date/Time (eTimes.06) has a date/time value.

Additional Information

Comment	Comment Type
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No

Type of Scene Delay

Definition

The scene delays, if any, of the EMS unit associated with the EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2210001	Awaiting Air Unit	FV	2210003	Awaiting Ground Unit	FV
2210005	Crowd	FV	2210007	Directions/Unable to Locate	FV
2210009	Distance	FV	2210011	Extrication	FV
2210013	HazMat	FV	2210015	Language Barrier	FV
2210017	None/No Delay	FV	2210019	Other	FV
2210021	Patient Access	FV	2210023	Safety-Crew/Staging	FV
2210025	Safety-Patient	FV	2210027	Staff Delay	FV
2210029	Traffic	FV	2210031	Triage/Multiple Patients	FV
2210033	Vehicle Crash Involving this Unit	FV	2210035	Vehicle Failure of this Unit	FV
2210037	Weather	FV	2210039	Mechanical Issue-Unit, Equipment, etc.	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
30	Type of Scene Delay (eResponse.10) cannot equal "Not Applicable" or "Not Recorded" when Unit Arrived on Scene (eTimes.06) has a date/time value.

Additional Information

Comment	Comment Type
A scene delay is any time delay that occurs from the time the unit arrived on scene (eTimes.06) to the time the unit left the scene (eTimes.09).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Arrived at Patient Date/Time

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
67	Arrived at Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Estimated Body Weight in Kilograms (eExam.01) has a value.
68	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Barriers to Patient Care (eHistory.01) has a value.
69	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Advanced Directives (eHistory.05) has a value.
70	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" value when Medication Allergies (eHistory.06) has a value.
71	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Medical/Surgical History (eHistory.08) has a value.
72	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Current Medications (eHistory.12) has a value.
100	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Alcohol/Drug Use Indicators (eHistory.17) has a value.
116	Arrived at Patient Date/Time (eTimes.07) cannot equal "Not Recorded".
778	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Last Name (ePatient.02) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
787	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's First Name (ePatient.03) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
796	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Middle Initial/Name (ePatient.04) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
805	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Home County (ePatient.07) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
814	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Home State (ePatient.08) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
823	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Home ZIP Code (ePatient.09) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
832	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Home Country (ePatient.10) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
841	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Social Security Number (ePatient.12) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
850	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Gender (ePatient.13) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
858	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Race (ePatient.14) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
867	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Age (ePatient.15) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
876	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Age Units (ePatient.16) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
885	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Date of Birth (ePatient.17) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
894	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's State Issuing Driver's License (ePatient.20) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".
903	Arrived At Patient Date/Time (eTimes.07) cannot equal "Not Applicable" when Patient's Driver's License Number (ePatient.21) has a value and Unit Disposition (eDisposition.27) has a value "Patient Contact Made".

Additional Information

Comment	Comment Type
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Encounter Specific Patient Tracking Number

Definition

A unique identifier for each patient encounter that is transferred to each level of care for a patient from the tracking code assigned to patient by the first licensed agency that arrives at the patient for this specific event.

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
ESPTN code will consist of agency type, date, license number and random generated number with an underscore ("_") between each variable.	Florida
Format: AgencyType_Date_LicenseNumber_RandomNumber	Florida
This number should be automatically generated by a concatenation of four fields. This number will follow the patient through the transfer process between agencies. There should only be one number generated for the specific patient event.	Florida
The Agency Type is a three character alpha numeric code for type of agency.	Florida
HOS – Hospital	Florida
EMS – Emergency Medical Services (includes fire rescue services)	Florida
LAW – Law Enforcement	Florida
The date format is 'mmddyyyy'.	Florida
The license number will be an alpha numeric code up to 20 characters long with no leading zeros.	Florida
The random generated number will be an alpha numeric code up to 20 characters long with no leading zeros. This number must be distinct to the submitting agency.	Florida

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage			Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Last Name

Definition

The patient's last (family) name.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	8801019	Refused	PN
8801023	Unable to Complete	PN			

Business Rules

ID	Business Rule
86	Last Name (ePatient.02) cannot be left blank when Arrived at Patient Date/Time (eTimes.07) has a date/time value.
87	Last Name (ePatient.02) cannot equal "Not Applicable" when Arrived at Patient Date/Time (eTimes.07) has a date/time value.

Additional Information

Comment	Comment Type
Pertinent negatives accepted with option of "Unable to Complete" or "Refused".	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max	60	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



First Name

Definition

The patient's first (given) name.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	8801019	Refused	PN
8801023	Unable to Complete	PN			

Business Rules

ID	Business Rule
88	First Name (ePatient.03) cannot be left blank when Arrived at Patient Date/Time (eTimes.07) has a date/time value.
89	First Name (ePatient.03) cannot be "Not Applicable" when Arrived at Patient Date/Time (eTimes.07) has a date/time value.

Additional Information

Comment	Comment Type
Pertinent negatives accepted with option of "Unable to Complete" or "Refused".	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max	50	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Middle Initial/Name

Definition

The patient's middle name, if any.

No Field Values

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	50	NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Patients Home County

Definition

The patient's home county or parish of residence.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 90 Patient's Home County (ePatient.07) cannot equal "Not Applicable" when Arrived at Patient Date/Time (eTimes.07) has a date/time value.

Additional Information

Comment	Comment Type
Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes).	NEMSIS
Should be required if there is a patient associated with the event.	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	5	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	5	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{5}				Email (EM)	No
					Distance (DU)	No



Patient's Home State

Definition

The state, territory, or province where the patient resides.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 91 Patient's Home State (ePatient.08) cannot equal "Not Applicable" when Arrived at Patient Date/Time (eTimes.07) has a date/time value.

Additional Information

Comment	Comment Type
The ANSI Code Selection by text but stored as ANSI code.	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Patient's Home ZIP Code

Definition

The patient's ZIP code of residence.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 92 Patient's Home ZIP Code (ePatient.09) cannot equal "Not Applicable" when Arrived at Patient Date/Time (eTimes.07) has a date/time value.

Additional Information

Comment	Comment Type
ZIP Codes Product Website: https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/	NEMSIS
Product: USA - 5-digit ZIP Code Database, Commercial Edition	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{5} [0-9]{5}-[0-9]{4} [0-9]{5}-[0-9]{5} [A-Z][0-9][A-Z] [0-9][A-Z][0-9]				Email (EM)	No
					Distance (DU)	No



Patient's Country of Residence

Definition

The country of residence of the patient.

No Field Values

No Business Rules

Additional Information

Comment

Comment Type

Based on the ISO Country Code.

NEMSIS

ANSI Country Codes (ISO 3166) Website: http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	2	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Social Security Number

Definition

The patient's social security number.

Field Values

Code	Code Description	Type	Code	Code Description	Type
8801023	Unable to Complete		PN		

No Business Rules

No Comments

XSD Data Specification

Data Type	string
Min	000000000
Max	999999999
Total Digits	
Fraction Digits	
Patterns	[0-9]{9}

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	C	Conditional
NEMESIS Usage	O	Optional
XML Usage	O	Optional

Attributes

Not Values (NV)	No
Pertinent Negatives (PN)	Yes
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



sex

Definition

The patient's sex

Field Values

Code	Code Description	Type	Code	Code Description	Type
9919001	Female	FV	9919003	Male	FV
9919005	Unknown	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	7701005	Not Reporting	NV
8801019	Refused	PN	8801023	Unable to Complete	PN

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Race

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
2514001	American Indian or Alaska Native	FV	2514003	Asian	FV
2514005	Black or African American	FV	2514007	Hispanic or Latino	FV
2514009	Native Hawaiian or Other Pacific Islander	FV	2514011	White	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
95	Patient's Race (ePatient.14) cannot equal "Not Applicable" when Arrived at Patient Date/Time (eTimes.07) has a date/time value.

Additional Information

Comment	Comment Type
OMB requirements are provided at: https://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-089.html	NEMSIS
Using single multiple choice question methodology to improve the completion of ethnicity information.	NEMSIS
Ethnicity (Version 2.2.1: E06_13) has been merged with this data element and retired.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Age

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- | ID | Business Rule |
|----|--|
| 96 | Patient's Age (ePatient.15) cannot equal "Not Recorded" or "Not Applicable" when Arrived at Patient Date/Time (eTimes.07) has a date/time value. |

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	120	NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Age Units

Definition

The unit used to define the patient's age.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2516001	Days	FV	2516003	Hours	FV
2516005	Minutes	FV	2516007	Months	FV
2516009	Years	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

- | | |
|----|--|
| ID | Business Rule |
| 98 | Patient's Age Units (ePatient.16) cannot equal "Not Applicable" or "Not Recorded" when Arrived at Patient Date/Time (eTimes.07) has a date/time value. |

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Florida

MIH

ePatient.17

Date of Birth

Definition

The patient's date of birth.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	8801019	Refused	PN
8801023	Unable to Complete	PN			

No Business Rules

No Comments

XSD Data Specification

Data Type	date
Min	1890-01-01
Max	2050-01-01
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	O	Optional
NEMESIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	Yes
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Barriers to Patient Care

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
3101001	Cultural, Custom, Religious	FV	3101003	Developmentally Impaired	FV
3101005	Hearing Impaired	FV	3101007	Language	FV
3101009	None Noted	FV	3101011	Obesity	FV
3101013	Physical Barrier (Unable to Access Patient)	FV	3101015	Physically Impaired	FV
3101017	Physically Restrained	FV	3101019	Psychologically Impaired	FV
3101021	Sight Impaired	FV	3101023	Speech Impaired	FV
3101025	Unattended or Unsupervised (including minors)	FV	3101027	Unconscious	FV
3101029	Uncooperative	FV	3101031	State of Emotional Distress	FV
3101033	Alcohol Use, Suspected	FV	3101035	Drug Use, Suspected	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 73 Barriers to Patient Care (eHistory.01) cannot equal "Not Applicable" when Arrived at Patient Date/Time (eTimes.07) has a date/time value.

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Alcohol/Drug Use Indicators

Definition

Indicators for the potential use of alcohol or drugs by the patient related to the patient's current illness or injury.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3117001	Alcohol Containers/Paraphernalia at Scene	FV	3117003	Drug Paraphernalia at Scene	FV
3117005	Patient Admits to Alcohol Use	FV	3117007	Patient Admits to Drug Use	FV
3117009	Positive Level known from Law Enforcement or Hospital Record	FV	3117013	Physical Exam Indicates Suspected Alcohol or Drug Use	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801015	None Reported	PN	8801023	Unable to Complete	PN

Business Rules

- | | |
|----|--|
| ID | Business Rule |
| 85 | Alcohol/Drug Use Indicators (eHistory.17) cannot equal "Not Applicable" when Arrived at Patient Date/Time (eTimes.07) has a date/time value. |

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max		NEMESIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Advance Directives

Definition

The presence of a valid DNR form, living will, or document directing end of life or healthcare treatment decisions.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3105001	Family/Guardian request DNR (but no documentation)	FV	3105003	Living Will	FV
3105005	None	FV	3105007	Other	FV
3105009	Other Healthcare Advanced Directive Form	FV	3105011	State EMS DNR or Medical Order Form	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment	Comment Type
Advanced Directive and Do Not Resuscitate are both included in this data element.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Medication Allergies

Definition

The patient's medication allergies

Field Values

Code	Code Description	Type	Code	Code Description	Type
9924001	ICD-10	FV	9924003	RxNorm	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	8801013	No Known Drug Allergy	PN
8801019	Refused	PN	8801021	Unresponsive	PN
8801023	Unable to Complete	PN			

Business Rules

- ID Business Rule
- 74 Medication Allergies (eHistory.06) cannot equal "Not Applicable" or "Not Recorded" or "Not Reporting".

Additional Information

Comment	Comment Type
The list of medication allergies is based on RxNorm (RXCU) Codes.	NEMSIS
In addition, a specific list of ICD-10 CM codes can be used for medication groups.	NEMSIS
Reference the NEMSIS Suggested Lists at: https://nemsis.org/technical-resources/version-3/version-3-resources/	NEMSIS
Code list is represented in two separate UMLS datasets:	NEMSIS
1. ICD-10 Codes	NEMSIS
2. RxNorm	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS
Website - http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html	NEMSIS
Product - RxNorm Full Monthly Release	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	(Z88\[0-9]) ([a-zA-Z0-9]{2,7})				Email (EM)	No
					Distance (DU)	No



Medical/Surgical History

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	8801015	None Reported	PN
8801019	Refused	PN	8801021	Unresponsive	PN
8801023	Unable to Complete	PN			

Business Rules

ID	Business Rule
77	Medical/Surgical History (eHistory.08) cannot equal "Not Applicable" or "Not Recorded" or "Not Reporting" or Pertinent Negative of "Unresponsive".

Additional Information

Comment	Comment Type
The Medical/Surgical History pattern has been extended to include ICD-10-CM: Diagnosis Codes and ICD-10-PCS: Procedural Health Intervention Codes.	NEMSIS
ICD-10-CM: Diagnosis Codes.	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS
Please reference the NEMSIS Suggested Lists at: https://nemsis.org/technical-resources/version-3/version-3-resource-repository/	NEMSIS
ICD-10-PCS has a seven character alphanumeric code structure. Each character contains up to 34 possible values. Each value represents a specific option for the general character definition (e.g., stomach is one of the values for the body part character).	NEMSIS
The ten digits 0-9 and the 24 letters A-H,J-N and P-Z may be used in each character. The letters O and I are not used in order to avoid confusion with the digits 0 and 1. There are no decimals in ICD-10-PCS.	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	{[A-QRSTZ][0-9][0-9A-Z]}((\.[0-9A-Z]{1,3})?) or [0-9A-HJ-NP-Z]{3,7}				Email (EM)	No
					Distance (DU)	No



Current Medications

Definition

The medications the patient currently takes.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	8801015	None Reported	PN
8801019	Refused	PN	8801021	Unresponsive	PN
8801023	Unable to Complete	PN			

Business Rules

- ID Business Rule
- 81 Current Medications (eHistory.12) cannot equal "Not Applicable" or "Not Recorded" or "Not Reporting" or Pertinent Negative of "Unresponsive".

Additional Information

Comment	Comment Type
List of medications based on RxNorm (RXCU) code and SNOMED-CT codes for blood products.	NEMSIS
Reference the NEMSIS Suggested Lists at: https://nemsis.org/technical-resources/version-3/version-3-resources/	NEMSIS
RxNorm	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS
Website - http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html	NEMSIS
Product - RxNorm Full Monthly Release	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max	9	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



State Issuing Driver's License

Definition

The state that issued the drivers license.

No Field Values

No Business Rules

Additional Information

Comment

Comment Type

Stored as the ANSI State Code.

NEMSIS

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string
Min	2
Max	2
Total Digits	
Fraction Digits	
Patterns	[0-9]{2}

Recurrence	0:1	Zero-To-One
Florida Usage	O	Optional
NEMSIS Usage	O	Optional
XML Usage	O	Optional

Not Values (NV)	No
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Driver's License Number

Definition

The patient's drivers license number.

No Field Values

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	30	NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Florida

ceHistory.901

Recent Travel

Definition

Prior to symptom onset, did the patient travel outside their community? The time frame "prior to symptom onset" and the term "community" are defined by state or local jurisdictions.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9922001	No	FV	9922003	Unknown	FV
9922005	Yes	FV	8801019	Refused	PN
8801021	Unresponsive	PN	8801023	Unable to Complete	PN

Business Rules

ID Business Rule

1217 When eCustomResults.02 has a Value "eHistory.901" Then eCustomResults.01 must have florida eHistory.901 Value

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Florida

ceHistory.902

Recent Local Travel

Definition

Document all places and locations the patient has traveled to that might have posed a significant threat of exposure prior to symptom onset. The time frame "prior to symptom onset" is defined by state or local jurisdictions.

Field Values

Code	Code Description	Type	Code	Code Description	Type
8801019	Refused	PN	8801021	Unresponsive	PN
8801023	Unable to Complete	PN			

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Recent Exposure to Infectious Disease

Definition

Prior to symptom onset, has the patient had close contact with someone with similar symptoms or a confirmed diagnosis of the illness for which you are screening? The time frame "prior to symptom onset" is defined by state or local jurisdictions.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9922001	No	FV	9922003	Unknown	FV
9922005	Yes	FV	8801019	Refused	PN
8801021	Unresponsive	PN	8801023	Unable to Complete	PN

No Business Rules

No Comments

XSD Data Specification

Data Type	integer
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	O	Optional
NEMESIS Usage	O	Optional
XML Usage	O	Optional

Attributes

Not Values (NV)	No
Pertinent Negatives (PN)	Yes
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No

Florida

ceHistory.904

Recent International Travel

Definition

Document all the countries (outside the US) the patient has traveled to prior to symptom onset. The time frame "prior to symptom onset" is defined by state or local jurisdictions. Use NEMESIS data type ANSICountryCode.

Field Values

Code	Code Description	Type	Code	Code Description	Type
8801019	Refused	PN	8801021	Unresponsive	PN
8801023	Unable to Complete	PN			

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Recent State Travel

Definition

Document all the states the patient has traveled to prior to symptom onset. The time frame "prior to symptom onset" is defined by state or local jurisdictions. Use NEMESIS data type ANSISStateCode.

Field Values

Code	Code Description	Type	Code	Code Description	Type
8801019	Refused	PN	8801021	Unresponsive	PN
8801023	Unable to Complete	PN			

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Florida

ceHistory.906

Recent City Travel

Definition

Document all the cities the patient has traveled to prior to symptom onset. The time frame "prior to symptom onset" is defined by state or local jurisdictions. Use NEMESIS data type CityGnisCode

Field Values

Code	Code Description	Type	Code	Code Description	Type
8801019	Refused	PN	8801021	Unresponsive	PN
8801023	Unable to Complete	PN			

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Primary Method of Payment

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
2601001	Insurance	FV	2601003	Medicaid	FV
2601005	Medicare	FV	2601007	Not Billed (for any reason)	FV
2601009	Other Government	FV	2601011	Self Pay	FV
2601013	Workers Compensation	FV	2601015	Payment by Facility	FV
2601017	Contracted Payment	FV	2601019	Community Network	FV
2601021	No Insurance Identified	FV	2601023	Other Payment Option	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



CMS Service Level

Definition

The CMS service level for this EMS encounter.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2650001	ALS, Level 1	FV	2650003	ALS, Level 1 Emergency	FV
2650005	ALS, Level 2	FV	2650007	BLS	FV
2650009	BLS, Emergency	FV	2650011	Fixed Wing (Airplane)	FV
2650013	Paramedic Intercept	FV	2650015	Specialty Care Transport	FV
2650017	Rotary Wing (Helicopter)	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



EMS Condition Code

Definition

The condition code associated with the CMS EMS negotiated rule-making process.

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
Code list is represented in ICD-10-CM Codes:	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[A-Z][0-9][0-9A-Z](\.[0-9A-Z]{1,4})?				Email (EM)	No
					Distance (DU)	No



Transfer of EMS Patient Care Date/Time

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID	Business Rule
121	Transfer of EMS Patient Care Date/Time (eTimes.08) must be less than or equal to Unit Back in Service Date/Time (eTimes.13).

Additional Information

Comment	Comment Type
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Alternate Home Residence

Definition

Documentation of the type of patient without a home ZIP/Postal Code.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2522001	Homeless	FV	2522003	Migrant Worker	FV
2522005	Foreign Visitor	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

No Comments

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	O	Optional
NEMESIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Insurance Company Phone Number

Definition

The phone number for the patient's insurance company.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9913001	Fax	PH	9913003	Home	PH
9913005	Mobile	PH	9913007	Pager	PH
9913009	Work	PH			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	Yes
Patterns	[2-9][0-9][0-9]-[2-9][0-9][0-9]-[0-9][0-9][0-9][0-9]				Email (EM)	No
					Distance (DU)	No

Date of Birth of the Insured

Definition

The date of birth of the person insured by the insurance company.

No Field Values

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	date	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1890-01-01	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



eSituation.01

Date/Time of Symptom Onset

Definition

The date and time the symptom began (or was discovered) as it relates to this EMS event. This is described or estimated by the patient, family, and/or healthcare professionals.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801023	Unable to Complete	PN	8801029	Approximate	PN

Business Rules

ID	Business Rule
176	Date/Time of Symptom Onset/Last Normal (eSituation.01) cannot equal "Not Applicable" or "Not Recorded" when Destination Team Pre-Arrival Activation (eDisposition.24) has any "Yes" value.
178	Date/Time of Symptom Onset/Last Normal (eSituation.01) cannot equal "Not Applicable" or "Not Recorded" when Chief Complaint Anatomic Location (eSituation.07) has value of "Abdomen" or "Back" or "Chest" or "Extremity-Lower" or "Extremity-Upper" or "General/Global" or "Genitalia" or "Head" or "Neck".
180	Date/Time of Symptom Onset/Last Normal (eSituation.01) cannot equal "Not Applicable" or "Not Recorded" when Primary Symptom (eSituation.09) has a value other than a NOT VALUE.

Additional Information

Comment	Comment Type
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS
Added to better define the EMS patient event.	Version 3 Changes

XSD Data Specification

Data Type	datatype
Min	1950-01-01T00:00:00-00:00
Max	2050-01-01T00:00:00-00:00
Total Digits	
Fraction Digits	

Frequency and Use

Recurrence	1:1	One-To-One
Florida Usage	C	Conditional
NEMSIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	Yes
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No

Patterns

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

Email (EM)

No

Distance (DU)

No



Complaint

Definition

The statement of the problem by the patient or the history provider.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	255	NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



eSituation.07

Chief Complaint Anatomic Location

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
2807001	Abdomen	FV	2807003	Back	FV
2807005	Chest	FV	2807007	Extremity-Lower	FV
2807009	Extremity-Upper	FV	2807011	General/Global	FV
2807013	Genitalia	FV	2807015	Head	FV
2807017	Neck	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment Comment Type
 eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter. NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Chief Complaint Organ System

Definition

The primary organ system of the patient injured or medically affected.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2808001	Behavioral/Psychiatric	FV	2808003	Cardiovascular	FV
2808005	CNS/Neuro	FV	2808007	Endocrine/Metabolic	FV
2808009	GI	FV	2808011	Global/General	FV
2808013	Lymphatic/Immune	FV	2808015	Musculoskeletal/Skin	FV
2808017	Reproductive	FV	2808019	Pulmonary	FV
2808021	Renal	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
Altered to follow the anatomical organ systems as defined by general anatomy.	NEMSIS
Added Lymphatic/Immune	NEMSIS
Merged Skin with Muscular-Skeletal	NEMSIS
Changed OB/Gyn to Reproductive	NEMSIS
Retained non-organ system designations for Global/General and Behavioral/Psychiatric.	NEMSIS
eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



eSituation.09

Primary Symptom

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 186 Primary Symptom (eSituation.09) cannot equal "Not Applicable" or "Not Recorded" when Other Associated Symptoms (eSituation.10) has a value other than a NOT VALUE.

Additional Information

Comment	Comment Type
eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.	NEMSIS
Code list is represented in ICD-10-CM: Diagnosis Codes.	NEMSIS
Reference the NEMSIS Suggested Lists at: https://nemsis.org/technical-resources/version-3/version-3-resources/	NEMSIS
ICD-10-CM	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	(R[0-6][0-9](\.[0-9]{1,4})? (R73\.9) (R99)) ([A-QSTZ][0-9][0-9A-Z])(\.[0-9A-Z]{1,4})?)				Email (EM)	No
					Distance (DU)	No

Other Associated Symptoms

Definition

Other symptoms identified by the patient or observed by EMS personnel.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801031	Symptom Not Present	PN			

No Business Rules

Additional Information

Comment	Comment Type
Code list is represented in ICD-10-CM Codes:	NEMSIS
Reference the NEMSIS Suggested Lists at: https://nemsis.org/technical-resources/version-3/version-3-resources/	NEMSIS
ICD-10-CM	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	{R[0-6][0-9](\.[0-9]{1,4})? (R73\.9) (R99)) ([A-QSTZ][0-9][0-9A-Z])(\.[0-9A-Z]{1,4})?}				Email (EM)	No
					Distance (DU)	No



eSituation.11

Provider's Primary Impression

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).

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
190	Provider's Primary Impression (eSituation.11) cannot equal "Not Applicable" or "Not Recorded" when Arrived at Patient Date/Time (eTimes.07) has a date/time value.

Additional Information

Comment	Comment Type
Code list is represented in ICD-10-CM Codes:	NEMSIS
Reference the NEMSIS Suggested Lists at: https://nemsis.org/technical-resources/version-3/version-3-resources/	NEMSIS
ICD-10-CM	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	(R[0-6][0-9](\.[0-9]{1,4})? (R73\.[9]) (R99)) ([A-QSTZ][0-9][0-9A-Z])(\.[0-9A-Z]{1,4})?)				Email (EM)	No
					Distance (DU)	No



eSituation.12

Provider's Secondary Impressions

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 192 Provider's Secondary Impressions (eSituation.12) cannot equal "Not Recorded".

Additional Information

Comment	Comment Type
Code list is represented in ICD-10-CM Codes:	NEMSIS
Reference the NEMSIS Suggested Lists at: https://nemsis.org/technical-resources/version-3/version-3-resources/	NEMSIS
ICD-10-CM	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	{R[0-6][0-9](\.[0-9]{1,4})? (R73\.[9]) (R99)) ([A-QSTZ][0-9][0-9A-Z])(\.[0-9A-Z]{1,4})?}				Email (EM)	No
					Distance (DU)	No



Initial Patient Acuity

Definition

The acuity of the patient's condition upon EMS arrival at the scene.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2813001	Critical (Red)	FV	2813003	Emergent (Yellow)	FV
2813005	Lower Acuity (Green)	FV	2813007	Dead without Resuscitation Efforts (Black)	FV
2813009	Non-Acute/Routine	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
Definitions related to "Critical, Emergent, and Lower Acuity" can be found in the National EMS Core Content document from NHTSA EMS (DOT HS 809-898 July 2005) at http://www.nhtsa.gov/people/injury/ems/emscorecontent/images/EMSCoreContent.pdf	NEMSIS
"Non-Acute/Routine" added for use with patients with no clinical issues-such as refusal for a life assist-or for routine transfers	NEMSIS
Dead without Resuscitation Efforts would be appropriate if resuscitation was initiated by non-EMS personnel but discontinued immediately upon evaluation by first arriving EMS personnel.	NEMSIS
With the release of v3.5.0 additional values were added to meet the needs of EMS.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Possible Injury

Definition

Indication whether or not there was an injury.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9922001	No	FV	9922003	Unknown	FV
9922005	Yes	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID	Business Rule
184	Possible Injury (eSituation.02) cannot equal "Not Applicable" or "Not Recorded" when Date/Time of Symptom Onset/Last Normal (eSituation.01) has a date time value.

Additional Information

Comment	Comment Type
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.	NEMSIS
eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Cause of Injury

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
152	Cause of Injury (eInjury.01) cannot equal "Not Applicable" or "Not Recorded" when Mechanism of Injury (eInjury.02) has a value.
154	Cause of Injury (eInjury.01) cannot equal "Not Applicable" or "Not Recorded" when Trauma Triage Criteria (Steps 3 and 4) (eInjury.04) has a value.
156	Cause of Injury (eInjury.01) cannot equal "Not Applicable" or "Not Recorded" when Main Area of the Vehicle Impacted by the Collision (eInjury.05) has a value.
158	Cause of Injury (eInjury.01) cannot equal "Not Applicable" or "Not Recorded" when Location of Patient in Vehicle (eInjury.06) has a value.
160	Cause of Injury (eInjury.01) cannot equal "Not Applicable" or "Not Recorded" when Use of Occupant Safety Equipment (eInjury.07) has a value.
162	Cause of Injury (eInjury.01) cannot equal "Not Applicable" or "Not Recorded" when Airbag Deployment (eInjury.08) has a value.
164	Cause of Injury (eInjury.01) cannot equal "Not Applicable" or "Not Recorded" when Height of Fall (feet) (eInjury.09) has a value.

Additional Information

Comment	Comment Type
Suggested code list is represented in ICD-10-CM.	NEMSIS
Reference the NEMSIS Suggested Lists at: https://nemsis.org/technical-resources/version-3/version-3-resources/	NEMSIS
Code list is represented in ICD-10-CM Codes:	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	{[TV-Y][0-9]{2}}((\.[0-9A-Z]{1,4})?)				Email (EM)	No
					Distance (DU)	No

Mechanism of Injury

Definition

The mechanism of the event which caused the injury.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2902001	Blunt	FV	2902003	Burn	FV
2902005	Other	FV	2902007	Penetrating	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Main Area of the Vehicle Impacted by the Collision

Definition

The area or location of initial impact on the vehicle based on 12-point clock diagram.

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
The front of the vehicle is 12, passenger (right) side is 3, rear is 6, etc.	NEMSIS
Based on MMUCC via areas(s) of impact & FARS coding manual clock diagram.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	12	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Location of Patient in Vehicle

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
2906001	Front Seat-Left Side (or motorcycle driver)	FV	2906003	Front Seat-Middle	FV
2906005	Front Seat-Right Side	FV	2906007	Passenger in other enclosed passenger or cargo area (non-trailing unit such as a bus, etc.)	FV
2906009	Passenger in unenclosed passenger or cargo area (non-trailing unit such as a pickup, etc.)	FV	2906011	Riding on Vehicle Exterior (non-trailing unit)	FV
2906013	Second Seat-Left Side (or motorcycle passenger)	FV	2906015	Second Seat-Middle	FV
2906017	Second Seat-Right Side	FV	2906019	Sleeper Section of Cab (truck)	FV
2906021	Third Row-Left Side (or motorcycle passenger)	FV	2906023	Third Row-Middle	FV
2906025	Third Row-Right Side	FV	2906027	Trailing Unit	FV
2906029	Unknown	FV			

Business Rules

ID Business Rule

168 Location of Patient in Vehicle (eInjury.06) cannot be left blank when Airbag Deployment (eInjury.08) has a value.

Additional Information

Comment

Comment Type

MMUCC P6 data element

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Use of Occupant Safety Equipment

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
2907001	Child Booster Seat	FV	2907003	Eye Protection	FV
2907005	Helmet Worn	FV	2907007	Infant Car Seat Forward Facing	FV
2907009	Infant Car Seat Rear Facing	FV	2907015	None	FV
2907017	Other	FV	2907019	Personal Floatation Device	FV
2907021	Protective Clothing	FV	2907023	Protective Non-Clothing Gear	FV
2907027	Shoulder and Lap Belt Used	FV	2907029	Lap Belt Only Used	FV
2907031	Shoulder Belt Only Used	FV	2907033	Unable to Determine	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID	Business Rule
169	Use of Occupant Safety Equipment (eInjury.07) cannot equal "Not Applicable" or "Not Recorded" when Location of Patient in Vehicle (eInjury.06) has a value.
171	Use of Occupant Safety Equipment (eInjury.07) cannot equal "Not Applicable" or "Not Recorded" when Airbag Deployment (eInjury.08) has a value.

Additional Information

Comment	Comment Type
MMUCC P7 data element used as baseline information.	NEMSIS
Data element expanded for added definition in non-vehicular settings.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Airbag Deployment

Definition

Indication of Airbag Deployment.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2908001	Airbag Deployed Front	FV	2908003	Airbag Deployed Side	FV
2908005	Airbag Deployed Other (knee, air belt, etc.)	FV	2908007	No Airbag Deployed	FV
2908009	No Airbag Present	FV			

Business Rules

ID	Business Rule
173	Airbag Deployment (eInjury.08) cannot be left blank when Location of Patient in Vehicle (eInjury.06) has a value.

Additional Information

Comment	Comment Type
MMUCC P8 data element baseline was used for this element.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Florida

eInjury.09

Height of Fall (feet)

Definition

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

No Field Values

No Business Rules

Additional Information

Comment

Classify same level falls as 0 feet

Comment Type

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	0	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	10000	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Estimated Body Weight in Kilograms

Definition

The patient's body weight in kilograms either measured or estimated.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	8801023	Unable to Complete	PN

Business Rules

- | ID | Business Rule |
|------|---|
| 142 | Estimated Body Weight in Kilograms (eExam.01) cannot equal "Not Applicable" or "Not Recorded" or "Not Reporting" and cannot left Blank or cannot have a pertinent negative of "Unable to Complete" when Patient Evaluation/Care (eDisposition.28) has a value of "Patient Evaluated and Care Provided." |
| 146 | Estimated Body Weight in Kilograms (eExam.01) cannot equal "Not Applicable" or "Not Reporting" or "Not Recorded" and cannot be left blank or cannot have a pertinent negative of "Unable to Complete" when Medication Administered (eMedication.03) has an RX Norm value. |
| 998 | Estimated Body Weight in Kilograms (eExam.01) cannot equal "Not Reporting" or "Not Applicable" or "Not Recorded" when Medication Administered (eMedication.03) has a SNOMED-CT value. |
| 1001 | Estimated Body Weight in Kilograms (eExam.01) cannot be left blank when Medication Administered (eMedication.03) has a SNOMED-CT value. |
| 1002 | Estimated Body Weight in Kilograms (eExam.01) cannot have a pertinent negative of "Unable to Complete" when Medication Administered (eMedication.03) has a SNOMED-CT value. |

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	decimal	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	0.1	Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max	999.9	NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits	4	XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits	1				Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Length Based Tape Measure

Definition

The length-based color as taken from the tape.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3502001	Blue	FV	3502003	Green	FV
3502005	Grey	FV	3502007	Orange	FV
3502009	Pink	FV	3502011	Purple	FV
3502013	Red	FV	3502015	White	FV
3502017	Yellow	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	7701005	Not Reporting	NV
8801019	Refused	PN	8801023	Unable to Complete	PN

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Triage Classification for MCI Patient

Definition

The color associated with the initial triage assessment/classification of the MCI patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2708001	Red - Immediate	FV	2708003	Yellow - Delayed	FV
2708005	Green - Minimal (Minor)	FV	2708007	Gray - Expectant	FV
2708009	Black - Deceased	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
This element is documented when eScene.07 (Mass Casualty Incident) = Yes.	NEMSIS
Examples of triage systems include START and SALT.	NEMSIS
Adapted from: SALT mass casualty triage: concept endorsed by the American College of Emergency Physicians, American College of Surgeons Committee on Trauma, American Trauma Society, National Association of EMS Physicians, National Disaster Life Support	NEMSIS
Education Consortium, and State and Territorial Injury Prevention Directors Association. Disaster Med Public Health Prep. 2008 Dec;2(4):245-6.	NEMSIS
START reference: Benson M, Koenig KL, Schultz CH. Disaster triage: START, then SAVE-a new method of dynamic triage for victims of a catastrophic earthquake. Prehospital Disaster Med. 1996; Apr-Jun; 11(2): 117-24	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Protocols Used

Definition

The protocol used by EMS personnel to direct the clinical care of the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9914001	Airway	FV	9914003	Airway-Failed	FV
9914005	Airway-Obstruction/Foreign Body	FV	9914007	Airway-Rapid Sequence Induction (RSI-Paralytic)	FV
9914009	Airway-Sedation Assisted (Non-Paralytic)	FV	9914011	Cardiac Arrest-Asystole	FV
9914013	Cardiac Arrest-Hypothermia-Therapeutic	FV	9914015	Cardiac Arrest-Pulseless Electrical Activity	FV
9914017	Cardiac Arrest-Ventricular Fibrillation/ Pulseless Ventricular Tachycardia	FV	9914019	Cardiac Arrest-Post Resuscitation Care	FV
9914021	Environmental-Altitude Sickness	FV	9914023	Environmental-Cold Exposure	FV
9914025	Environmental-Frostbite/Cold Injury	FV	9914027	Environmental-Heat Exposure/Exhaustion	FV
9914029	Environmental-Heat Stroke/Hyperthermia	FV	9914031	Environmental-Hypothermia	FV
9914033	Exposure-Airway/Inhalation Irritants	FV	9914035	Exposure-Biological/Infectious	FV
9914037	Exposure-Blistering Agents	FV	9914039	Exposure-Carbon Monoxide/Smoke Inhalation	FV
9914041	Exposure-Chemicals to Eye	FV	9914043	Exposure-Cyanide	FV
9914045	Exposure-Explosive/ Blast Injury	FV	9914047	Exposure-Nerve Agents	FV
9914049	Exposure-Radiologic Agents	FV	9914051	General-Back Pain	FV
9914053	General-Behavioral/Patient Restraint	FV	9914055	General-Cardiac Arrest	FV
9914057	General-Dental Problems	FV	9914059	General-Epistaxis	FV
9914061	General-Fever	FV	9914063	General-Individualized Patient Protocol	FV
9914065	General-Indwelling Medical Devices/Equipment	FV	9914067	General-IV Access	FV
9914069	General-Medical Device Malfunction	FV	9914071	General-Pain Control	FV
9914073	General-Spinal Immobilization/Clearance	FV	9914075	General-Universal Patient Care/ Initial Patient Contact	FV
9914077	Injury-Amputation	FV	9914079	Injury-Bites and Envenomations-Land	FV
9914081	Injury-Bites and Envenomations-Marine	FV	9914083	Injury-Bleeding/ Hemorrhage Control	FV
9914085	Injury-Burns-Thermal	FV	9914087	Injury-Cardiac Arrest	FV
9914089	Injury-Crush Syndrome	FV	9914091	Injury-Diving Emergencies	FV
9914093	Injury-Drowning/Near Drowning	FV	9914095	Injury-Electrical Injuries	FV
9914097	Injury-Extremity	FV	9914099	Injury-Eye	FV
9914101	Injury-Head	FV	9914103	Injury-Impaled Object	FV
9914105	Injury-Multisystem	FV	9914107	Injury-Spinal Cord	FV
9914109	Medical-Abdominal Pain	FV	9914111	Medical-Allergic Reaction/Anaphylaxis	FV
9914113	Medical-Altered Mental Status	FV	9914115	Medical-Bradycardia	FV
9914117	Medical-Cardiac Chest Pain	FV	9914119	Medical-Diarrhea	FV
9914121	Medical-Hyperglycemia	FV	9914123	Medical-Hypertension	FV
9914125	Medical-Hypoglycemia/Diabetic Emergency	FV	9914127	Medical-Hypotension/Shock (Non-Trauma)	FV
9914129	Medical-Influenza-Like Illness/ Upper Respiratory Infection	FV	9914131	Medical-Nausea/Vomiting	FV
9914133	Medical-Newborn/ Neonatal Resuscitation	FV	9914135	General-Overdose/Poisoning/Toxic Ingestion	FV
9914137	Medical-Pulmonary Edema/CHF	FV	9914139	Medical-Respiratory Distress/Asthma/COPD/Reactive Airway	FV
9914141	Medical-Seizure	FV	9914143	Medical-ST-Elevation Myocardial Infarction (STEMI)	FV

Assessment				eProtocols.01 Protocols Used	
9914145	Medical-Stroke/TIA	FV	9914147	Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)	FV
9914149	Medical-Syncope	FV	9914151	Medical-Ventricular Tachycardia (With Pulse)	FV
9914153	Not Done	FV	9914155	OB/GYN-Childbirth/Labor/Delivery	FV
9914157	OB/GYN-Eclampsia	FV	9914159	OB/GYN-Gynecologic Emergencies	FV
9914161	OB/GYN-Pregnancy Related Emergencies	FV	9914163	OB/GYN-Post-partum Hemorrhage	FV
9914165	Other	FV	9914167	Exposure-Carbon Monoxide	FV
9914169	Cardiac Arrest-Do Not Resuscitate	FV	9914171	Cardiac Arrest-Special Resuscitation Orders	FV
9914173	Exposure-Smoke Inhalation	FV	9914175	General-Community Paramedicine / Mobile Integrated Healthcare	FV
9914177	General-Exception Protocol	FV	9914179	General-Extended Care Guidelines	FV
9914181	General-Interfacility Transfers	FV	9914183	General-Law Enforcement - Blood for Legal Purposes	FV
9914185	General-Law Enforcement - Assist with Law Enforcement Activity	FV	9914187	General-Neglect or Abuse Suspected	FV
9914189	General-Refusal of Care	FV	9914191	Injury-Mass/Multiple Casualties	FV
9914193	Injury-Thoracic	FV	9914195	Medical-Adrenal Insufficiency	FV
9914197	Medical-Apparent Life Threatening Event (ALTE)	FV	9914199	Medical-Tachycardia	FV
9914201	Cardiac Arrest-Determination of Death / Withholding Resuscitative Efforts	FV	9914203	Injury-Conducted Electrical Weapon (e.g., Taser)	FV
9914205	Injury-Facial Trauma	FV	9914207	Injury-General Trauma Management	FV
9914209	Injury-Lightning/Lightning Strike	FV	9914211	Injury-SCUBA Injury/Accidents	FV
9914213	Injury-Topical Chemical Burn	FV	9914215	Medical-Beta Blocker Poisoning/Overdose	FV
9914217	Medical-Calcium Channel Blocker Poisoning/Overdose	FV	9914219	Medical-Opioid Poisoning/Overdose	FV
9914221	Medical-Respiratory Distress-Bronchiolitis	FV	9914223	Medical-Respiratory Distress-Croup	FV
9914225	Medical-Stimulant Poisoning/Overdose	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
Protocols are grouped into Airway, Environmental, Exposure, General, Injury, Medical, and OB/GYN.	NEMSIS
There is a new data element eProtocols.02 to indicate whether the protocol is Adult, Pediatric, or General (both).	NEMSIS
State and local entities can add additional protocols to the list but the additional protocols must map to these uniform codes.	NEMSIS
The protocol code list should be derived from dConfiguration.05 and/or dConfiguration.10.	NEMSIS
Field Value cp101 Community Paramedic Protocol is a custom value and must be submitted according the NEMSIS custom element specifications.	Florida

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Protocol Age Category

Definition

The age group the protocol is written to address

Field Values

Code	Code Description	Type	Code	Code Description	Type
3602001	Adult Only	FV	3602003	General	FV
3602005	Pediatric Only	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
Protocols are grouped into Airway, Environmental, Exposure, General, Injury, Medical, and OB/GYN.	NEMSIS
There is a new data element to indicate whether the protocol is Adult, Pediatric, or General (both).	NEMSIS
Added to better document protocol use.	Version 3 Changes

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	O	Optional
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



eSituation.18

Date/Time Last Known Well

Definition

The estimated date and time the patient was last known to be well or in their usual state of health. This is described or estimated by the patient, family, and/or bystanders.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801023	Unable to Complete	PN			

No Business Rules

Additional Information

Comment	Comment Type
For stroke related events, this is the date and time the patient was last seen normal. For cardiac or respiratory arrest related events, this is the date and time the patient was last known to have a pulse or when interaction was had with the patient.	NEMSIS
For drowning related events, this is the date and time the patient was last seen. For injury or trauma related events, this is the date and time the patient was injured.	NEMSIS

XSD Data Specification		Frequency and Use			Attributes	
Data Type	datetime	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage			Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Justification for Transfer or Encounter

Definition

The ordering physician or medical provider diagnosis or stated reason for a hospital-to-hospital transfer, other medical transport, or Mobile Integrated Healthcare encounter.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
This is the diagnosis or reason for transfer, or medical transport or Integrated Healthcare Encounter provided by the ordering physician or medical provider.	NEMSIS
Hospital-to-hospital transfers and medical transports are based on the ordering medical provider, and not the EMS provider's impression.	NEMSIS
The text of the reason or diagnosis would be entered here rather than using the patient complaint field (as the patient may still have complaints to document), eSituation.11 Provider's Primary Impression or eSituation.12 Provider's Secondary Impressions.	NEMSIS
This element should only be documented when eResponse.05 Type of Service Requested is Hospital-to-Hospital Transfer, Hospital-to-Hospital Transfer (with Sending Hospital Staff), Hospital-to-Hospital Transfer (Critical or Specialty Care),	NEMSIS
Other Medical Needs Transport, Mobile Integrated Health Care Evaluation or Visit. A new national Schematron rule exists for this with v3.5.0.	NEMSIS
Element added with the release of v3.5.0	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	255	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Reason for Interfacility Transfer/Medical Transport

Definition

The general categories of the reason for an interfacility transfer/medical transport.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2820001	Cardiac Specialty	FV	2820003	Convenience Transfer (Patient Request)	FV
2820005	Diagnostic Testing	FV	2820007	Dialysis	FV
2820009	Drug and/or Alcohol Rehabilitation Care	FV	2820011	Extended Care	FV
2820013	Maternal/Neonatal	FV	2820015	Medical Specialty Care (Other, Not Listed)	FV
2820017	Neurological Specialty Care	FV	2820019	Palliative/Hospice Care (Home or Facility)	FV
2820021	Pediatric Specialty Care	FV	2820023	Psychiatric/Behavioral Care	FV
2820025	Physical Rehabilitation Care	FV	2820027	Return to Home/Residence	FV
2820029	Surgical Specialty Care (Other, Not Listed)	FV	2820031	Trauma/Orthopedic Specialty Care	FV

No Business Rules

Additional Information

Comment	Comment Type
This supports and works in combination with eSituation.19 Justification for Transfer or Encounter to provide defined categories for an interfacility transfer or other medical transport.	NEMSIS
This documentation provides support for reimbursement and a means for regions and states to evaluate transfer patterns and types.	NEMSIS
Element added with the release of v3.5.0	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Lung Assessment Finding Location

Definition

The location of the patient's lung assessment findings.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3522001	Left	FV	3522003	Right	FV
3522005	Bilateral	FV			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Lung Assessment

Definition

The assessment findings associated with the patient's lungs.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3523001	Breath Sounds-Absent	FV	3523003	Breath Sounds-Decreased	FV
3523005	Breath Sounds-Equal	FV	3523007	Breath Sounds-Normal	FV
3523009	Foreign Body	FV	3523011	Increased Respiratory Effort	FV
3523013	Normal	FV	3523015	Not Done	FV
3523017	Pain	FV	3523019	Pain with Inspiraton/Expiration	FV
3523021	Rales	FV	3523023	Rhonchi	FV
3523025	Rhonchi/Wheezing	FV	3523027	Stridor	FV
3523029	Wheezing-Expiratory	FV	3523031	Wheezing-Inspiratory	FV
8801005	Exam Finding Not Present	PN			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min	2	Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max	255	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Chest Assessment Finding Location

Definition

The location of the patient's chest assessment findings.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3524001	Left - Anterior	FV	3524003	Left - Posterior	FV
3524005	Right - Anterior	FV	3524007	Right - Posterior	FV
3524009	General - Anterior	FV	3524011	General - Posterior	FV
3524013	Left - Side	FV	3524015	Right - Side	FV

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Chest Assessment

Definition

The assessment findings associated with the patient's chest.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3525001	Abrasion	FV	3525003	Avulsion	FV
3525005	Accessory Muscles Used with Breathing	FV	3525007	Bleeding Controlled	FV
3525009	Bleeding Uncontrolled	FV	3525011	Burn-Blistering	FV
3525013	Burn-Charing	FV	3525015	Burn-Redness	FV
3525017	Burn-White/Waxy	FV	3525019	Crush Injury	FV
3525021	Deformity	FV	3525023	Flail Segment	FV
3525025	Implanted Device	FV	3525027	Laceration	FV
3525029	Normal	FV	3525031	Not Done	FV
3525033	Pain	FV	3525035	Pain with Inspiration/Expiration	FV
3525037	Puncture/Stab Wound	FV	3525039	Retraction	FV
3525041	Tenderness	FV	3525043	Gunshot Wound	FV
3525045	Swelling	FV	3525047	Contusion	FV
3525049	Tenderness-General	FV	8801005	Exam Finding Not Present	PN

No Business Rules

No Comments

XSD Data Specification

Data Type	integer
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:M	Zero-To-Many
Florida Usage	O	Optional
NEMESIS Usage	O	Optional
XML Usage	O	Optional

Attributes

Not Values (NV)	No
Pertinent Negatives (PN)	Yes
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Date/Time Vital Signs Taken

Definition

The date/time vital signs were taken on the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
196	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Cardiac Rhythm/Electrocardiography (ECG) (eVitals.03) has a value other than a NOT VALUE or a Pertinent Negative.
198	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and SBP (Systolic Blood Pressure) (eVitals.06) has a value other than a NOT VALUE or a Pertinent Negative.
200	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Mean Arterial Pressure (eVitals.09) has a value.
202	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Heart Rate (eVitals.10) has a value other than a NOT VALUE or a Pertinent Negative.
204	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Pulse Oximetry (eVitals.12) has a value other than a NOT VALUE or a Pertinent Negative.
206	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Respiratory Rate (eVitals.14) has a value other than a NOT VALUE or a Pertinent Negative.
208	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Carbon Dioxide (CO2) (eVitals.16) has a value other than a NOT VALUE or a Pertinent Negative.
210	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Carbon Monoxide (CO) (eVitals.17) has a value other than a NOT VALUE or a Pertinent Negative.
212	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Blood Glucose Level (eVitals.18) has a value other than a NOT VALUE or a Pertinent Negative.
214	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Glasgow Coma Score - Eye (eVitals.19) has a value other than a Pertinent Negative.
216	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Temperature (eVitals.24) has a value other than a NOT VALUE or a Pertinent Negative.
218	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Level of Responsiveness (AVPU) (eVitals.26) has a value other than a NOT VALUE.
220	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Pain Score (eVitals.27) has a value other than a NOT VALUE or a Pertinent Negative.
222	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Stroke Scale Score (eVitals.29) has a value other than a NOT VALUE or a Pertinent Negative.
224	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Reperfusion Checklist (eVitals.31) has a value other than a NOT VALUE or a Pertinent Negative.
226	Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and APGAR (eVitals.32) has a value other than a Pertinent Negative.

228 Date/Time Vital Signs Taken (eVitals.01) cannot equal "Not Applicable" or "Not Recorded" when Obtained Prior to this Unit's EMS Care (eVitals.02) has value of "No" and Revised Trauma Score (eVitals.33) has a value other than a Pertinent Negative.

Additional Information

Comment	Comment Type
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	datetime	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Obtained Prior to this Unit's EMS Care

Definition

Indicates that the information which is documented was obtained prior to the documenting EMS units care.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9923001	No	FV	9923003	Yes	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
230	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Cardiac Rhythm/Electrocardiography (ECG) (eVitals.03) Cardiac Rhythm/Electrocardiography (ECG) (eVitals.03) has a value other than a NOT VALUE or a Pertinent Negative.
231	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when SBP (Systolic Blood Pressure) (eVitals.06) has a value other than a NOT VALUE or a Pertinent Negative.
232	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Mean Arterial Pressure (eVitals.09) has a value.
233	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Heart Rate (eVitals.10) has a value other than a NOT VALUE or a Pertinent Negative.
234	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Pulse Oximetry (eVitals.12) has a value other than a NOT VALUE or a Pertinent Negative.
235	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Respiratory Rate (eVitals.14) has a value other than a NOT VALUE or a Pertinent Negative.
236	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Carbon Dioxide (eVitals.16) has a value other than a NOT VALUE or a Pertinent Negative.
237	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Carbon Monoxide (eVitals.17) has a value other than a NOT VALUE or a Pertinent Negative.
238	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Blood Glucose Level (eVitals.18) has a value other than a NOT VALUE or a Pertinent Negative.
239	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Glasgow Coma Score - Eye (eVitals.19) has a value other than a Pertinent Negative.
240	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Temperature (eVitals.24) has a value other than a NOT VALUE or a Pertinent Negative.
241	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Level of Responsiveness (AVPU) (eVitals.26) has a value other than a NOT VALUE.
242	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Pain Score (eVitals.27) has a value other than a NOT VALUE or a Pertinent Negative.
243	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Stroke Scale Score (eVitals.29) has a value other than a NOT VALUE or a Pertinent Negative.
244	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Reperfusion Checklist (eVitals.31) has a value other than a NOT VALUE or a Pertinent Negative.
245	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when APGAR (eVitals.32) has a value other than a Pertinent Negative.
246	Obtained Prior to this Unit's EMS Care (eVitals.02) cannot equal "Not Applicable" when Revised Trauma Score (eVitals.33) has a value other than a Pertinent Negative.

Additional Information

Comment	Comment Type
This is the NEMESIS Version 3 method to document prior aid.	NEMESIS

Vitals

eVitals.02 Obtained Prior to this Unit's EMS Care

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Cardiac Rhythm / Electrocardiography (ECG)

Definition

The cardiac rhythm / ECG and other electrocardiography findings of the patient as interpreted by EMS personnel.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9901001	Agonal/Idioventricular	FV	9901003	Asystole	FV
9901005	Artifact	FV	9901007	Atrial Fibrillation	FV
9901009	Atrial Flutter	FV	9901011	AV Block-1st Degree	FV
9901013	AV Block-2nd Degree-Type 1	FV	9901015	AV Block-2nd Degree-Type 2	FV
9901017	AV Block-3rd Degree	FV	9901019	Junctional	FV
9901021	Left Bundle Branch Block	FV	9901023	Non-STEMI Anterior Ischemia	FV
9901025	Non-STEMI Inferior Ischemia	FV	9901027	Non-STEMI Lateral Ischemia	FV
9901029	Non-STEMI Posterior Ischemia	FV	9901030	Non-STEMI Septal Ischemia	FV
9901031	Other	FV	9901033	Paced Rhythm	FV
9901035	PEA	FV	9901037	Premature Atrial Contractions	FV
9901039	Premature Ventricular Contractions	FV	9901041	Right Bundle Branch Block	FV
9901043	Sinus Arrhythmia	FV	9901045	Sinus Bradycardia	FV
9901047	Sinus Rhythm	FV	9901049	Sinus Tachycardia	FV
9901051	STEMI Anterior Ischemia	FV	9901053	STEMI Inferior Ischemia	FV
9901055	STEMI Lateral Ischemia	FV	9901057	STEMI Posterior Ischemia	FV
9901058	STEMI Septal Ischemia	FV	9901059	Supraventricular Tachycardia	FV
9901061	Torsades De Points	FV	9901063	Unknown AED Non-Shockable Rhythm	FV
9901065	Unknown AED Shockable Rhythm	FV	9901067	Ventricular Fibrillation	FV
9901069	Ventricular Tachycardia (With Pulse)	FV	9901071	Ventricular Tachycardia (Pulseless)	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801019	Refused	PN	8801023	Unable to Complete	PN

Business Rules

- ID Business Rule
- 247 Cardiac Rhythm/ Electrocardiography (ECG) (eVitals.03) cannot equal "Not Applicable" or "Not Recorded" when ECG Type (eVitals.04) has a value other than a NOT VALUE.
- 249 Cardiac Rhythm/ Electrocardiography (ECG) (eVitals.03) cannot equal "Not Applicable" or "Not Recorded" when Method of EC Interpretation (eVitals.05) has a value other than a NOT VALUE.

No Comments

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	1:M	One-To-Many
Florida Usage	O	Optional
NEMSIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	Yes
Correlation ID	Yes
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



ECG Type

Definition

The type of ECG associated with the cardiac rhythm.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3304000	2 Lead ECG (pads or paddles)	FV	3304001	3 Lead	FV
3304003	4 Lead	FV	3304005	5 Lead	FV
3304007	12 Lead-Left Sided (Normal)	FV	3304009	12 Lead-Right Sided	FV
3304011	15 Lead	FV	3304013	18 Lead	FV
3304015	Other	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment

Added to better document ECG results.

Comment Type

Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Method of ECG Interpretation

Definition

The method of ECG interpretation.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3305001	Computer Interpretation	FV	3305003	Manual Interpretation	FV
3305005	Transmission with No Interpretation	FV	3305007	Transmission with Remote Interpretation	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
"Transmission with no interpretation" may be used by EMS Agency Personnel that are not trained to interpret cardiac rhythms.	NEMSIS
Added to better document ECG results.	Version 3 Changes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



SBP (Systolic Blood Pressure)

Definition

The patient's systolic blood pressure.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801005	Exam Finding Not Present	PN	8801019	Refused	PN
8801023	Unable to Complete	PN			

Business Rules

ID Business Rule

253 SBP (Systolic Blood Pressure) (eVitals.06) cannot equal "Not Applicable" or "Not Recorded" when Method of Blood Pressure Measurement (eVitals.08) has a value other than a NOT VALUE.

251 SBP (Systolic Blood Pressure) (eVitals.06) cannot equal "Not Applicable" or "Not Recorded" when DBP (Diastolic Blood Pressure) (eVitals.07) has a value other than a NOT VALUE or a Pertinent Negative.

Additional Information

Comment

Required for ACS-Field Triage and other patient scoring systems.

Comment Type

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	0	Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max	500	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

DBP (Diastolic Blood Pressure)

Definition

The patient's diastolic blood pressure.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	8801005	Exam Finding Not Present	PN
8801019	Refused	PN	8801023	Unable to Complete	PN

No Business Rules

Additional Information

Comment	Comment Type
Diastolic blood pressure pattern allows for the following values:	NEMSIS
1) A number 0 through 500	NEMSIS
2) P	NEMSIS
3) p	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[5][0][0] [1-4][0-9][0-9] [0-9] [1-9][0-9] P p				Email (EM)	No
					Distance (DU)	No

Method of Blood Pressure Measurement

Definition

Indication of method of blood pressure measurement.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3308001	Arterial Line	FV	3308003	Doppler	FV
3308005	Cuff-Automated	FV	3308007	Cuff-Manual Auscultated	FV
3308009	Cuff-Manual Palpated Only	FV	3308011	Venous Line	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 255 Method of Blood Pressure Measurement (eVitals.08) cannot equal "Not Applicable" or "Not Recorded" when SBP (Systolic Blood Pressure) (eVitals.06) has a value other than a NOT VALUE or Pertinent Negative.

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Mean Arterial Pressure

Definition

The patient's mean arterial pressure.

No Field Values

No Business Rules

Additional Information

Comment

Added for additional patient monitoring capability.

Comment Type

Version 3 Changes

XSD Data Specification

Data Type	integer
Min	1
Max	500
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	O	Optional
NEMESIS Usage	O	Optional
XML Usage	O	Optional

Attributes

Not Values (NV)	No
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Heart Rate

Definition

The patient's heart rate expressed as a number per minute.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801005	Exam Finding Not Present	PN	8801019	Refused	PN
8801023	Unable to Complete	PN			

Business Rules

ID	Business Rule
257	Heart Rate (eVitals.10) cannot equal "Not Applicable" or "Not Recorded" when Method of Heart Rate Measurement (eVitals.11) has a value.

Additional Information

Comment	Comment Type
Pulse Rate and Electronic Monitor Rate have been merged with an additional data element for Method of Heart Rate Measurement.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	0	Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max	500	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Pulse Oximetry

Definition

The patient's oxygen saturation.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801005	Exam Finding Not Present	PN	8801019	Refused	PN
8801023	Unable to Complete	PN			

No Business Rules

No Comments

XSD Data Specification

Data Type	integer
Min	0
Max	100
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	1:1	One-To-One
Florida Usage	O	Optional
NEMESIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	Yes
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Respiratory Rate

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801005	Exam Finding Not Present	PN	8801019	Refused	PN
8801023	Unable to Complete	PN			

Business Rules

ID Business Rule

260 Respiratory Rate (eVitals.14) cannot equal "Not Applicable" or "Not Recorded" when Respiratory Effort (eVitals.15) has a value.

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	0	Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max	300	NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Respiratory Effort

Definition

The patient's respiratory effort.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3315001	Apneic	FV	3315003	Labored	FV
3315005	Mechanically Assisted (BVM, CPAP,etc.)	FV	3315007	Normal	FV
3315009	Rapid	FV	3315011	Shallow	FV
3315013	Weak/Agonal	FV			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



End Tidal Carbon Dioxide (ETCO2)

Definition

The numeric value of the patient's exhaled end tidal carbon dioxide (ETCO2) level measured as a unit of pressure in millimeters of mercury (mmHg), percentage or, kilopascal (kPa).

Field Values

Code	Code Description	Type	Code	Code Description	Type
3340001	mmHg	FV	3340003	Percentage	FV
3340005	kPa	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	8801019	Refused	PN
8801023	Unable to Complete	PN			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	decimal	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	0	Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max	760	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits	4	XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits	1				Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Carbon Monoxide (CO)

Definition

The numeric value of the patient’s carbon monoxide level measured as a percentage (%) of carboxyhemoglobin (COHb).

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	8801019	Refused	PN
8801023	Unable to Complete	PN			

No Business Rules

Additional Information

Comment

Added to allow use of new patient monitoring device.

Comment Type

Version 3 Changes

XSD Data Specification

Data Type	decimal
Min	0
Max	100
Total Digits	3
Fraction Digits	1
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	O	Optional
NEMESIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	Yes
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Blood Glucose Level

Definition

The patient's blood glucose level.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801019	Refused	PN	8801023	Unable to Complete	PN

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[2][0][0][0] [1][0-9][0-9][0-9] [1-9][0-9][0-9] [1-9][0-9] [0-9] High Low				Email (EM)	No
					Distance (DU)	No



Glasgow Coma Score-Eye

Definition

The patient's Glasgow Coma Score Eye opening response.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1	No eye movement when assessed (All Age Groups)	FV	2	Opens Eyes to painful stimulation (All Age Groups)	FV
3	Opens Eyes to verbal stimulation (All Age Groups)	FV	4	Opens Eyes spontaneously (All Age Groups)	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801019	Refused	PN	8801023	Unable to Complete	PN

Business Rules

ID	Business Rule
265	Glasgow Coma Score-Eye (eVitals.19) cannot equal "Not Applicable" or "Not Recorded" when Total Glasgow Coma Score (eVitals.23) has a value.
267	Glasgow Coma Score-Eye (eVitals.19) cannot equal "Refused" or "Unable to Complete" when Total Glasgow Coma Score (eVitals.23) has a value.

Additional Information

Comment	Comment Type
Definitions now based on the National Trauma Data Standard (NTDS).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Glasgow Coma Score-Verbal

Definition

The patient's Glasgow Coma Score Verbal response.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1	No verbal/vocal response (All Age Groups)	FV	2	Incomprehensible sounds (>2 Years); Inconsolable, agitated	FV
3	Inappropriate words (>2 Years); Inconsistently consolable, moaning	FV	4	Confused (>2 Years); Cries but is consolable, inappropriate interactions	FV
5	Oriented (>2 Years); Smiles, oriented to sounds, follows objects, interacts	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	8801019	Refused	PN
8801023	Unable to Complete	PN			

Business Rules

ID Business Rule

- 269 Glasgow Coma Score-Verbal (eVitals.20) cannot equal "Not Applicable" or "Not Recorded" when Total Glasgow Coma Score (eVitals.23) has a value.
- 271 Glasgow Coma Score-Verbal (eVitals.20) cannot equal "Refused" or "Unable to Complete" when Total Glasgow Coma Score (eVitals.23) has a value.

Additional Information

Comment

Comment Type

Definitions now based on the National Trauma Data Standard (NTDS).

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Glasgow Coma Score-Motor

Definition

The patient's Glasgow Coma Score Motor response.

Field Values

Code	Code Description	Type	Code	Code Description	Type
1	No Motor Response (All Age Groups)	FV	2	Extension to pain (All Age Groups)	FV
3	Flexion to pain (All Age Groups)	FV	4	Withdrawal from pain (All Age Groups)	FV
5	Localizing pain (All Age Groups)	FV	6	Obeys commands (>2Years); Appropriate response to stimulation	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801019	Refused	PN	8801023	Unable to Complete	PN

Business Rules

ID Business Rule

273 Glasgow Coma Score-Motor (eVitals.21) cannot equal "Not Applicable" or "Not Recorded" when Total Glasgow Coma Score (eVitals.23) has a value.

275 Glasgow Coma Score-Motor (eVitals.21) cannot equal "Refused" or "unable to complete" when Total Glasgow Coma Score (eVitals.23) has a value.

Additional Information

Comment

Comment Type

Definitions now based on the National Trauma Data Standard (NTDS).

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Glasgow Coma Score-Qualifier

Definition

Documentation of factors which make the GCS score more meaningful.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3322001	Eye Obstruction Prevents Eye Assessment	FV	3322003	Initial GCS has legitimate values without interventions such as intubation and sedation	FV
3322005	Patient Chemically Paralyzed	FV	3322007	Patient Chemically Sedated	FV
3322009	Patient Intubated	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID	Business Rule
277	Glasgow Coma Score-Qualifier (eVitals.22) cannot equal "Not Recorded" or "Not Recorded" when Total Glasgow Coma Score (eVitals.23) has a value.

Additional Information

Comment	Comment Type
Definitions now based on the National Trauma Data Standard (NTDS).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Total Glasgow Coma Score

Definition

The patient's total Glasgow Coma Score.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	8801019	Refused	PN
8801023	Unable to Complete	PN			

Business Rules

ID Business Rule

281 Total Glasgow Coma Score (eVitals.23) cannot equal "Not Recorded" or "Not Reporting" or "Refused".

Additional Information

Comment

Can be documented or calculated from EVitals.19 (GCS-Eye), EVitals.20 (GCS-Verbal), and EVitals.21 (GCS-Motor).

Comment Type

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	3	Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max	15	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Temperature

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV	8801019	Refused	PN
8801023	Unable to Complete	PN			

Business Rules

ID	Business Rule
284	Temperature (eVitals.24) cannot equal "Not Applicable" or "Not Recorded" when Temperature Method (eVitals.25) has a value.
286	Temperature (eVitals.24) cannot equal "Refused" or "Unable to complete" when Temperature Method (eVitals.25) has a value.

No Comments

XSD Data Specification

Data Type	decimal
Min	0
Max	50
Total Digits	3
Fraction Digits	1
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	C	Conditional
NEMESIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	Yes
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No

Temperature Method

Definition

The method used to obtain the patient's body temperature.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3325001	Axillary	FV	3325003	Central (Venous or Arterial)	FV
3325005	Esophageal	FV	3325007	Oral	FV
3325009	Rectal	FV	3325011	Temporal Artery	FV
3325013	Tympanic	FV	3325015	Urinary Catheter	FV
3325017	Skin Probe	FV			

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Level of Responsiveness (AVPU)

Definition

The patient's highest level of responsiveness.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3326001	Alert	FV	3326003	Verbal	FV
3326005	Painful	FV	3326007	Unresponsive	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
Definition changed to indicate highest level of responsiveness.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Pain Scale Score

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801019	Refused	PN	8801023	Unable to Complete	PN

Business Rules

ID	Business Rule
289	Pain Score (eVitals.27) cannot equal "Not Applicable" or "Not Recorded" when Pain Scale Type (eVitals.28) has a value.

Additional Information

Comment	Comment Type
The Pain Score can be obtained from several pain measurement tools or pain scale types (eVitals.28).	NEMSIS
The pain scale type used should have a numeric value associated with each diagram as appropriate.	NEMSIS
If the pain scale type utilizes multiple indicators/categories the total should be calculated and entered for the pain score associated with the patient assessment.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	0	Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max	10	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Pain Scale Type

Definition

The type of pain scale used.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3328001	FLACC (Face, Legs, Activity, Cry, Consolability)	FV	3328003	Numeric (0-10)	FV
3328005	Other	FV	3328007	Wong-Baker (FACES)	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

- | ID | Business Rule |
|-----|--|
| 291 | Pain Scale Type (eVitals.28) cannot equal "Not Applicable" or "Not Recorded" when Pain Score (eVitals.27) has a value. |
| 294 | Pain Scale Type (eVitals.28) cannot be left blank when Pain Score (eVitals.27) has a value. |

Additional Information

Comment	Comment Type
Added to better document the patient's pain level.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Stroke Scale Score

Definition

The findings or results of the Stroke Scale Type (eVitals.30) used to assess the patient exhibiting stroke-like symptoms.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3329001	Negative	FV	3329003	Non-Conclusive	FV
3329005	Positive	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	8801019	Refused	PN
8801023	Unable to Complete	PN			

Business Rules

ID Business Rule

295 Stroke Scale Score (eVitals.29) cannot equal "Not Applicable" or "Not Recorded" when Stroke Scale Type (eVitals.30) has a value other than a NOT VALUE.

1074 When Patient Evaluation/Care (eDisposition.28) is "Patient Evaluated and Care Provided" and Cardiac Arrest (eArrest.01) is "Yes, After Any EMS Arrival (includes Transport EMS & Medical First Responders)" then Stroke Scale Score (eVitals.29) should have a value.

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Stroke Scale Type

Definition

The type of stroke scale used.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3330001	Cincinnati Prehospital Stroke Scale (CPSS)	FV	3330004	Los Angeles Prehospital Stroke Screen (LAPSS)	FV
3330005	Massachusetts Stroke Scale (MSS)	FV	3330007	Miami Emergency Neurologic Deficit Exam (MEND)	FV
3330009	NIH Stroke Scale (NIHSS)	FV	3330011	Other Stroke Scale Type	FV
3330013	FAST-ED	FV	3330015	Boston Stroke Scale (BOSS)	FV
3330017	Ontario Prehospital Stroke Scale (OPSS)	FV	3330019	Melbourne Ambulance Stroke Screen (MASS)	FV
3330021	Rapid Arterial occlusion Evaluation (RACE)	FV	3330023	Los Angeles Motor Score (LAMS)	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID Business Rule

- 297 Stroke Scale Type (eVitals.30) cannot equal "Not Applicable" or "Not Recorded" when Stroke Scale Score (eVitals.29) has a value other than a NOT VALUE or a Pertinent Negative.

Additional Information

Comment

Added to include additional detail on the stroke scale used.

Comment Type

Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Reperfusion Checklist

Definition

The results of the patient's Reperfusion Checklist for potential Thrombolysis use.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3331001	Definite Contraindications to Thrombolytic Use	FV	3331003	No Contraindications to Thrombolytic Use	FV
3331005	Possible Contraindications to Thrombolytic Use	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	8801019	Refused	PN
8801023	Unable to Complete	PN			

No Business Rules

Additional Information

Comment	Comment Type
Name changed from Thrombolytic Screen	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



APGAR

Definition

The patient's total APGAR score (0-10).

Field Values

Code	Code Description	Type	Code	Code Description	Type
8801023	Unable to Complete	PN			

No Business Rules

Additional Information

Comment	Comment Type
Recommended to be taken at 1 and 5 minutes after the infants birth	NEMSIS

XSD Data Specification

Data Type	integer
Min	0
Max	10
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	O	Optional
NEMSIS Usage	O	Optional
XML Usage	O	Optional

Attributes

Not Values (NV)	No
Pertinent Negatives (PN)	Yes
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Revised Trauma Score

Definition

The patient's Revised Trauma Score.

Field Values

Code	Code Description	Type	Code	Code Description	Type
8801019	Refused	PN	8801023	Unable to Complete	PN

No Business Rules

Additional Information

Comment	Comment Type
The Unweighted Revised Trauma Score is a physiological scoring system that is based on the first set of vital signs obtained from the patient, and consists of Glasgow Coma Scale, Systolic Blood Pressure and Respiratory Rate.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	0	Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max	12	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Date/Time Procedure Performed

Definition

The date/time the procedure was performed on the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMESIS
yyyy - a four-digit numeral that represents the year	NEMESIS
'-' - separators between parts of the date portion	NEMESIS
mm - a two-digit numeral that represents the month	NEMESIS
dd - a two-digit numeral that represents the day	NEMESIS
T - separator that indicates time-of-day follows	NEMESIS
hh - a two-digit numeral that represents the hour	NEMESIS
':' - a separator between parts of the time-of-day portion	NEMESIS
mm - a two-digit numeral that represents the minute	NEMESIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMESIS
'.' s+ - (not required) represents the fractional seconds	NEMESIS
zzzzz - (required) represents the timezone (as described below)	NEMESIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMESIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMESIS
mm - a two-digit numeral that represents the minutes	NEMESIS
'+' - a nonnegative duration	NEMESIS
'-' - a nonpositive duration	NEMESIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datetime	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Procedure Performed Prior to this Unit's EMS Care

Definition

Indicates that the procedure which was performed and documented was performed prior to this EMS units care.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9923001	No	FV	9923003	Yes	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 304 Procedure Performed Prior to this Unit's EMS Care (eProcedure.02) cannot equal "Not Applicable" or "Not Recorded" when Procedure (eProcedures.03) has a valid Florida Procedure List Code.

Additional Information

Comment	Comment Type
This is the NEMESIS Version 3 method to document prior aid.	NEMESIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Procedure

Definition

The procedure performed on the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801001	Contraindication Noted	PN	8801003	Denied By Order	PN
8801019	Refused	PN	8801023	Unable to Complete	PN
8801027	Order Criteria Not Met	PN			

Business Rules

ID	Business Rule
307	Procedure (eProcedures.03) cannot equal "Not Applicable" when Procedure Performed Prior to this Unit's EMS Care (eProcedures.02) has a value.
309	Procedure (eProcedures.03) cannot equal "Not Applicable" when Number of Procedure Attempts (eProcedures.05) has a value.
310	Procedure (eProcedures.03) cannot equal "Not Applicable" when Procedure Successful (eProcedures.06) has a value.
311	Procedure (eProcedures.03) cannot equal "Not Applicable" when Procedure Complication (eProcedures.07) has a value.
312	Procedure (eProcedures.03) cannot equal "Not Applicable" when Response to Procedure (eProcedures.08) has a value.
313	Procedure (eProcedures.03) cannot equal "Not Applicable" when Procedure Crew Member ID (eProcedures.09) has a value.
314	Procedure (eProcedures.03) cannot equal "Not Applicable" when Role/Type of Person Performing the Procedure (eProcedures.10) has a value.
315	Procedure (eProcedures.03) cannot equal "Not Applicable" when Procedure Authorization (eProcedures.11) has a value.
316	Procedure (eProcedures.03) cannot equal "Not Applicable" when Vascular Access Location (eProcedures.13) has a value.
1198	Procedure (eProcedures.03) should have a Florida Procedure List value.
1239	Transfusion of blood product (116859006) can only recorded once in the eProcedures.03.
1241	If eMedications.03 must contain one or more of the following medications: (116795008, 116861002, 116865006, 180208003, 33389009, 71493000, 116762002), then eProcedures.03 must contain 116859006 .

Additional Information

Comment	Comment Type
Procedures which are recorded as a Vital Sign do not have to be documented in the Procedure Section.	NEMSIS
Reference the Florida Defined List for Procedures.	Florida
Website: https://www.floridaemstars.com/downloads_v3X.htm	Florida

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	100000	Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max	9999999999999999	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Number of Procedure Attempts

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 317 Number of Procedure Attempts (eProcedure.05) cannot equal "Not Applicable" when Procedure (eProcedures.03) has a valid Florida Procedure List Code and no Pertinent Negatives.
- 318 Number of Procedure Attempts (eProcedures.05) must equal 1 when Procedure (eProcedures.03) has a Value and no Pertinent Negatives. - Schematron Error

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	10	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Procedure Successful

Definition

Indicates that this individual procedure attempt which was performed on the patient was successful.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9923001	No	FV	9923003	Yes	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 320 Procedure Successful (eProcedure.06) cannot equal "Not Applicable" when Procedure (eProcedures.03) has a valid Florida Procedure List Code and no Pertinent Negatives.

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Procedure Complication

Definition

Any complication (abnormal effect on the patient) associated with the performance of the procedure on the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3907001	Altered Mental Status	FV	3907003	Apnea	FV
3907005	Bleeding	FV	3907007	Bradypnea	FV
3907009	Diarrhea	FV	3907011	Esophageal Intubation-immediately	FV
3907013	Esophageal Intubation-other	FV	3907015	Extravasation	FV
3907017	Hypertension	FV	3907019	Hyperthermia	FV
3907021	Hypotension	FV	3907023	Hypothermia	FV
3907025	Hypoxia	FV	3907027	Injury	FV
3907031	Nausea	FV	3907033	None	FV
3907035	Other	FV	3907039	Respiratory Distress	FV
3907041	Tachycardia	FV	3907043	Tachypnea	FV
3907045	Vomiting	FV	3907047	Bradycardia	FV
3907049	Itching	FV	3907051	Urticaria	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 322 Procedure Complication (eProcedure.07) cannot equal "Not Applicable" when Procedure (eProcedures.03) has a Value and no Pertinent Negatives.

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Response to Procedure

Definition

The patient's response to the procedure.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9916001	Improved	FV	9916003	Unchanged	FV
9916005	Worse	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID	Business Rule
324	Response to Procedure (eProcedure.08) cannot equal "Not Applicable" when Procedure (eProcedures.03) has a valid SNOMED CT Code and no Pertinent Negatives.

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Procedure Crew Members ID

Definition

The statewide assigned ID number of the EMS crew member performing the procedure on the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment	Comment Type
For an incident that occurs in multiple states, the certification ID number the EMS agency would typically use is based on the EMS agency's state license specific to each EMS professional.	NEMSIS
If the incident needs to be reported to each state, then the EMS Agency Number for each state should be submitted as well as the certification ID numbers for each EMS professional on the unit.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Role/Type of Person Performing the Procedure

Definition

The type (level) of EMS or Healthcare Professional performing the procedure. For procedures performed prior to EMS arrival, this may be a non-EMS healthcare professional.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9905001	Advanced Emergency Medical Technician (AEMT)	FV	9905002	Emergency Medical Technician - Intermediate	FV
9905003	Emergency Medical Responder (EMR)	FV	9905005	Emergency Medical Technician (EMT)	FV
9905007	Paramedic	FV	9905019	Other Healthcare Professional	FV
9905021	Other Non-Healthcare Professional	FV	9905025	Physician	FV
9905027	Respiratory Therapist	FV	9905029	Student	FV
9905031	Critical Care Paramedic	FV	9905033	Community Paramedicine	FV
9905035	Nurse Practitioner	FV	9905037	Physician Assistant	FV
9905039	Licensed Practical Nurse (LPN)	FV	9905041	Registered Nurse	FV
9905043	Patient	FV	9905045	Lay Person	FV
9905047	Law Enforcement	FV	9905049	Family Member	FV
9905051	Fire Personnel (non EMS)	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID	Business Rule
326	Role/Type of Person Performing the Procedure (eProcedure.10) cannot equal "Not Applicable" when Procedure (eProcedures.03) has a valid SNOMED CT Code and no Pertinent Negatives.

Additional Information

Comment	Comment Type
Added to document the type of healthcare professional administering the medication.	NEMSIS
This could be auto-completed from the crew ID but is necessary to document medication administration prior to EMS arrival.	NEMSIS
State may maintain an enumerated list but must collapse to the National Standard.	NEMSIS
The category Emergency Medical Technician - Intermediate includes EMS professionals with an "85" or "99" certification level.	NEMSIS
Added to document the type of healthcare professional performing the procedure.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Procedure Authorization

Definition

The type of treatment authorization obtained.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9918001	On-Line (Remote Verbal Order)	FV	9918003	On-Scene	FV
9918005	Protocol (Standing Order)	FV	9918007	Written Orders (Patient Specific)	FV

Business Rules

ID	Business Rule
328	Procedure Authorization (eProcedure.11) cannot be left blank when Procedure (eProcedures.03) has a valid SNOMED CT Code and no Pertinent Negatives.

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Vascular Access Location

Definition

The location of the vascular access site attempt on the patient, if applicable.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3913001	Antecubital-Left	FV	3913003	Antecubital-Right	FV
3913005	External Jugular-Left	FV	3913007	External Jugular-Right	FV
3913009	Femoral-Left IV	FV	3913011	Femoral-Right IV	FV
3913013	Foot-Right	FV	3913015	Foot-Left	FV
3913017	Forearm-Left	FV	3913019	Forearm-Right	FV
3913021	Hand-Left	FV	3913023	Hand-Right	FV
3913025	Internal Jugular-Left	FV	3913027	Internal Jugular-Right	FV
3913029	IO-Iliac Crest-Left	FV	3913031	IO-Iliac Crest-Right	FV
3913033	IO-Femoral-Left Distal	FV	3913035	IO-Femoral-Right Distal	FV
3913037	IO-Humeral-Left	FV	3913039	IO-Humeral-Right	FV
3913041	IO-Tibia-Left Distal	FV	3913043	IO-Sternum	FV
3913045	IO-Tibia-Right Distal	FV	3913047	IO-Tibia-Left Proximal	FV
3913049	IO-Tibia-Right Proximal	FV	3913051	Lower Extremity-Left	FV
3913053	Lower Extremity-Right	FV	3913055	Other Peripheral	FV
3913057	Other Central (PICC, Portacath, etc.)	FV	3913059	Scalp	FV
3913061	Subclavian-Left	FV	3913063	Subclavian-Right	FV
3913065	Umbilical	FV	3913067	Venous Cutdown-Left Lower Extremity	FV
3913069	Venous Cutdown-Right Lower Extremity	FV	3913071	Upper Arm-Left	FV
3913073	Upper Arm-Right	FV	3913075	Radial-Left	FV
3913077	Radial-Right	FV	3913079	Wrist-Left	FV
3913081	Wrist-Right	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	7701005	Not Reporting	NV

No Business Rules

Additional Information

Comment	Comment Type
This is now associated with the Date/Time of the procedure and therefore changed to single choice.	NEMSIS
This allows the location to be documented with each procedure and attempt.	NEMSIS
If the vascular access has been established prior to EMS, this should be documented as such.	NEMSIS

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	C	Conditional
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No

Patterns

Email (EM)

No

Distance (DU)

No



Date/Time Medication Administered

Definition

The date/time medication administered to the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 331 Date/Time Medication Administered (eMedications.01) must be greater than or equal to Unit Arrived on Scene Date/Time (eTimes.06) when Medication Administered Prior to this Unit's EMS Care (eMedications.02) has a value of "No".

Additional Information

Comment	Comment Type
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datetime	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Medication Administered Prior to this Unit's EMS Care

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
9923001	No	FV	9923003	Yes	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 334 Medication Administered Prior to this Unit's EMS Care (eMedications.02) cannot equal "Not Applicable" when Medication Administered (eMedications.03) has a Florida Medication List value and does not have a Pertinent Negative.

Additional Information

Comment	Comment Type
This is the NEMESIS Version 3 method to document prior aid.	NEMESIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Medication Administered

Definition

The medication administered to the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9924003	RxNorm	FV	9924005	SNOMED-CT	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801001	Contraindication Noted	PN	8801003	Denied By Order	PN
8801007	Medication Allergy	PN	8801009	Medication Already Taken	PN
8801019	Refused	PN	8801023	Unable to Complete	PN
8801027	Order Criteria Not Met	PN			

Business Rules

ID	Business Rule
336	Medication Administered (eMedications.03) cannot equal "Not Applicable" when Date/Time Medication Administered (eMedications.01) has a date/time value.
337	Medication Administered (eMedications.03) cannot equal "Not Applicable" when Medication Administered Prior to this Unit's EMS Care (eMedications.02) has a value.
339	Medication Administered (eMedications.03) cannot equal "Not Applicable" when Medication Administered Route (eMedications.04) has a value.
340	Medication Administered (eMedications.03) cannot equal "Not Applicable" when Medication Dosage (eMedications.05) has a value.
341	Medication Administered (eMedications.03) cannot equal "Not Applicable" when Medication Dosage Units (eMedications.06) has a value.
342	Medication Administered (eMedications.03) cannot equal "Not Applicable" when Response to Medication (eMedications.07) has a value.
343	Medication Administered (eMedications.03) cannot equal "Not Applicable" when Medication Complication (eMedications.08) has a value.
344	Medication Administered (eMedications.03) cannot equal "Not Applicable" when Medication Crew (Healthcare Professionals) ID (eMedications.09) has a value.
345	Medication Administered (eMedications.03) cannot equal "Not Applicable" when Role/Type of Person Administering Medication (eMedications.10) has a value.
346	Medication Administered (eMedications.03) cannot equal "Not Applicable" when Medication Authorization (eMedications.11) has a value.
1199	Medication Administered (eMedications.03) should have a Florida Medication List value.
1240	If eProcedures.03 contains 116859006 then eMedications.03 must contain one or more of the following medications: (116795008, 116861002, 116865006, 180208003, 33389009, 71493000, 116762002).

Additional Information

Comment	Comment Type
Reference the Florida Defined List for Medications.	Florida
Website: https://www.floridaemstars.com/downloads_v3X.htm	Florida

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max	9	NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No

Medications

Fraction Digits	
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Patterns	
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eMedications.03 Medication Administered

Phone (PH)	No
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Email (EM)	No
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Distance (DU)	No
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Medication Administered Route

Definition

The route medication was administered to the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9927001	Blow-By	FV	9927003	Buccal	FV
9927005	Endotracheal Tube (ET)	FV	9927007	Gastrostomy Tube	FV
9927009	Inhalation	FV	9927011	Intraarterial	FV
9927013	Intradermal	FV	9927015	Intramuscular (IM)	FV
9927017	Intranasal	FV	9927019	Intraocular	FV
9927021	Intraosseous (IO)	FV	9927023	Intravenous (IV)	FV
9927025	Nasal Cannula	FV	9927027	Nasogastric	FV
9927029	Nasotracheal Tube	FV	9927031	Non-Rebreather Mask	FV
9927033	Ophthalmic	FV	9927035	Oral	FV
9927037	Other/miscellaneous	FV	9927039	Otic	FV
9927041	Re-breather Mask	FV	9927043	Rectal	FV
9927045	Subcutaneous	FV	9927047	Sublingual	FV
9927049	Topical	FV	9927051	Tracheostomy	FV
9927053	Transdermal	FV	9927055	Urethral	FV
9927057	Ventimask	FV	9927059	Wound	FV
9927061	Portacath	FV	9927063	Auto Injector	FV
9927065	BVM	FV	9927067	CPAP	FV
9927069	IV Pump	FV	9927071	Nebulizer	FV
9927073	Umbilical Artery Catheter	FV	9927075	Umbilical Venous Catheter	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
8801023	Unable to Complete	PN			

Business Rules

- ID Business Rule
- 347 Medication Administered Route (eMedications.04) cannot be left blank when Medication Administered (eMedication.03) has a Florida Medication List value and no Pertinent Negatives.

Additional Information

Comment	Comment Type
This medication route list represents a sub-group of values from the Data Elements for Emergency Department Systems (DEEDS), pertaining to prehospital care.	NEMSIS
DEEDS Version 1.0 was utilized for this list: http://www.sciencedirect.com/science/article/pii/S0196064498703178 . The list can be found on page 152 of 274 of the PDF document in Section 5, 5.13 Current Therapeutic Medication Route.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No

Medications

Fraction Digits	
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Patterns	
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eMedications.04 Medication Administered Route

Phone (PH)	No
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Email (EM)	No
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Distance (DU)	No
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Medication Dosage

Definition

The dose or amount of the medication administered to the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 348 Medication Dosage (eMedications.05) cannot equal "Not Applicable" when Medication Administered (eMedication.03) has an RX Norm value and no Pertinent Negatives.
- 991 Medication Dosage (eMedications.05) cannot equal "Not Applicable" when Medication Administered (eMedication.03) has a SNOMED-CT value and no Pertinent Negatives.

No Comments

XSD Data Specification

Data Type	decimal
Min	
Max	
Total Digits	9
Fraction Digits	3
Patterns	

Frequency and Use

Recurrence	1:1	One-To-One
Florida Usage	C	Conditional
NEMESIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Medication Dosage Units

Definition

The unit of medication dosage administered to patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3706001	Grams (gms)	FV	3706003	Inches (in)	FV
3706005	International Units (IU)	FV	3706007	Keep Vein Open (kvo)	FV
3706009	Liters (l)	FV	3706013	Metered Dose (MDI)	FV
3706015	Micrograms (mcg)	FV	3706017	Micrograms per Kilogram per Minute (mcg/kg/min)	FV
3706019	Milliequivalents (mEq)	FV	3706021	Milligrams (mg)	FV
3706023	Milligrams per Kilogram Per Minute (mg/kg/min)	FV	3706025	Milliliters (ml)	FV
3706027	Milliliters per Hour (ml/hr)	FV	3706029	Other	FV
3706031	Centimeters (cm)	FV	3706033	Drops (gtts)	FV
3706035	Liters Per Minute (LPM [gas])	FV	3706037	Micrograms per Minute (mcg/min)	FV
3706039	Milligrams per Kilogram (mg/kg)	FV	3706041	Milligrams per Minute (mg/min)	FV
3706043	Puffs	FV	3706045	Units per Hour (units/hr)	FV
3706047	Micrograms per Kilogram (mcg/kg)	FV	3706049	Units	FV
3706051	Units per Kilogram per Hour (units/kg/hr)	FV	3706053	Units per Kilogram (units/kg)	FV
3706055	Milligrams per Hour (mg/hr)	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID Business Rule

- 993 Medication Dosage Units (eMedications.06) cannot equal "Not Applicable" when Medication Administered (eMedication.03) has a SNOWMED-CT value and no Pertinent Negatives.

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Response to Medication

Definition

The patient's response to the medication.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9916001	Improved	FV	9916003	Unchanged	FV
9916005	Worse	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID	Business Rule
352	Response to Medication (eMedications.07) cannot equal "Not Applicable" when Medication Administered (eMedication.03) has a Florida Medication List value and no Pertinent Negatives.

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Medication Complication

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
3708001	Altered Mental Status	FV	3708003	Apnea	FV
3708005	Bleeding	FV	3708007	Bradycardia	FV
3708009	Bradypnea	FV	3708011	Diarrhea	FV
3708013	Extravasation	FV	3708015	Hypertension	FV
3708017	Hyperthermia	FV	3708019	Hypotension	FV
3708021	Hypothermia	FV	3708023	Hypoxia	FV
3708025	Injury	FV	3708029	Nausea	FV
3708031	None	FV	3708033	Other	FV
3708035	Respiratory Distress	FV	3708037	Tachycardia	FV
3708039	Tachypnea	FV	3708041	Vomiting	FV
3708043	Itching	FV	3708045	Urticaria	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID Business Rule

353 Medication Complication (eMedications.08) cannot equal "Not Applicable" when Medication Administered (eMedication.03) has an RX Norm value and no Pertinent Negatives.

995 Medication Complication (eMedications.08) cannot equal "Not Applicable" when Medication Administered (eMedication.03) has a SNOWMED-CT value and no Pertinent Negatives.

No Comments

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Medication Crew (Healthcare Professionals) ID

Definition

The statewide assigned ID number of the EMS crew member giving the treatment to the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment	Comment Type
How should the state ID for an EMS professional be record when working on an event in 2 states. The ID used would typically be based on the EMS agency's state license specific to each EMS professional.	NEMSIS
Used for eProcedures.09 (Procedure Crew Members ID) as well.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Role/Type of Person Administering Medication

Definition

The type (level) of EMS or Healthcare Professional Administering the Medication. For medications administered prior to EMS arrival, this may be a non-EMS healthcare professional.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9905001	Advanced Emergency Medical Technician (AEMT)	FV	9905002	Emergency Medical Technician - Intermediate	FV
9905003	Emergency Medical Responder (EMR)	FV	9905005	Emergency Medical Technician (EMT)	FV
9905007	Paramedic	FV	9905019	Other Healthcare Professional	FV
9905021	Other Non-Healthcare Professional	FV	9905025	Physician	FV
9905027	Respiratory Therapist	FV	9905029	Student	FV
9905031	Critical Care Paramedic	FV	9905033	Community Paramedicine	FV
9905035	Nurse Practitioner	FV	9905037	Physician Assistant	FV
9905039	Licensed Practical Nurse (LPN)	FV	9905041	Registered Nurse	FV
9905043	Patient	FV	9905045	Lay Person	FV
9905047	Law Enforcement	FV	9905049	Family Member	FV
9905051	Fire Personnel (non EMS)	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID	Business Rule
355	Role/Type of Person Administering Medication (eMedications.10) cannot equal "Not Applicable" when Medication Administered (eMedication.03) has an RX Norm value and no Pertinent Negatives.
996	Role/Type of Person Administering Medication (eMedications.10) cannot equal "Not Applicable" when Medication Administered (eMedication.03) has a SNOMED-CT value and no Pertinent Negatives.

Additional Information

Comment	Comment Type
Added to better document the type of healthcare professional who administered the medication.	NEMSIS
This could be auto-completed from the crew ID but is necessary to document medication administration prior to EMS arrival.	NEMSIS
State may maintain an enumerated list but must collapse to the National Standard.	NEMSIS
The category Emergency Medical Technician - Intermediate includes EMS professionals with an "85" or "99" certification level.	NEMSIS
Added to better document the type of healthcare professional who administered the medication.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Medication Authorization

Definition

The type of treatment authorization obtained.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9918001	On-Line (Remote Verbal Order)	FV	9918003	On-Scene	FV
9918005	Protocol (Standing Order)	FV	9918007	Written Orders (Patient Specific)	FV

Business Rules

ID	Business Rule
357	Medication Authorization (eMedications.11) cannot be left blank when Medication Administered (eMedication.03) has an RX Norm value and no Pertinent Negatives.
997	Medication Authorization (eMedications.11) cannot be left blank when Medication Administered (eMedication.03) has a SNOMED-CT value and no Pertinent Negatives.

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Current Medication Frequency

Definition

The frequency of administration of the patient's current medication.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3120001	qi (every hour)	FV	3120003	q2h (every 2 hours)	FV
3120005	q3h (every 3 hours)	FV	3120007	q4h (every 4 hours)	FV
3120009	qid (four times a day)	FV	3120011	tad (three times a day)	FV
3120013	ac (before meals)	FV	3120015	pc (after meals)	FV
3120017	bid (twice a day)	FV	3120019	qd (every day)	FV
3120021	qd-am (every day in the morning)	FV	3120023	qd-pm (every day in the evening)	FV
3120025	has (at bedtime)	FV	3120027	sod (every other day)	FV
3120029	prn (as needed)	FV			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Cardiac Arrest

Definition

Indication of the presence of a cardiac arrest at any time during this EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3001001	No	FV	3001003	Yes, Prior to Any EMS Arrival (includes Transport EMS & Medical First Responders)	FV
3001005	Yes, After Any EMS Arrival (includes Transport EMS & Medical First Responders)	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID	Business Rule
358	Cardiac Arrest (eArrest.01) cannot equal "Not Applicable" or "Not Recorded" when Cardiac Arrest Etiology (eArrest.02) has a value other than a NOT VALUE.
360	Cardiac Arrest (eArrest.01) cannot equal "No" when Cardiac Arrest Etiology (eArrest.02) has a value other than a NOT VALUE.
361	Cardiac Arrest (eArrest.01) cannot equal "Not Applicable" or "Not Recorded" when Resuscitation Attempted By EMS (eArrest.03) has a value other than a NOT VALUE.
363	Cardiac Arrest (eArrest.01) cannot equal "No" when Resuscitation Attempted By EMS (eArrest.03) has a value other than a NOT VALUE.
364	Cardiac Arrest (eArrest.01) cannot equal "Not Applicable" or "Not Recorded" when Arrest Witnessed By (eArrest.04) has a value other than a NOT VALUE.
366	Cardiac Arrest (eArrest.01) cannot equal "No" when Arrest Witnessed By (eArrest.04) has a value other than a NOT VALUE.
369	Cardiac Arrest (eArrest.01) cannot equal "Not Applicable" or "Not Recorded" when AED Use Prior to EMS Arrival (eArrest.07) has a value other than a NOT VALUE.
371	Cardiac Arrest (eArrest.01) cannot equal "Not Applicable" or "Not Recorded" when Therapeutic Hypothermia Initiated (eArrest.10) has a value other than a NOT VALUE.
373	Cardiac Arrest (eArrest.01) cannot equal "No" when Therapeutic Hypothermia Initiated (eArrest.10) has a value other than a NOT VALUE.
374	Cardiac Arrest (eArrest.01) cannot equal "Not Applicable" or "Not Recorded" when First monitored Arrest Rhythm of the Patient (eArrest.11) has a value other than a NOT VALUE.
376	Cardiac Arrest (eArrest.01) cannot equal "No" when First monitored Arrest Rhythm of the Patient (eArrest.11) has a value other than a NOT VALUE.
377	Cardiac Arrest (eArrest.01) cannot equal "Not Applicable" or "Not Recorded" when Date/Time of Cardiac Arrest (eArrest.14) has a date/time value.
379	Cardiac Arrest (eArrest.01) cannot equal "No" when Date/Time of Cardiac Arrest (eArrest.14) has a date/time value.
380	Cardiac Arrest (eArrest.01) cannot equal "Not Applicable" or "Not Recorded" when Cardiac Rhythm on Arrival at Destination (eArrest.17) has a value other than a NOT VALUE.
382	Cardiac Arrest (eArrest.01) cannot equal "No" when Cardiac Rhythm on Arrival at Destination (eArrest.17) has a value other than a NOT VALUE.
383	Cardiac Arrest (eArrest.01) cannot equal "Not Applicable" or "Not Recorded" when End of EMS Cardiac Arrest Event (eArrest.18) has a value other than a NOT VALUE.
385	Cardiac Arrest (eArrest.01) cannot equal "No" when End of EMS Cardiac Arrest Event (eArrest.18) has a value other than a NOT VALUE.

Additional Information

Comment	Comment Type
This element is a component of the Utstein Cardiac Arrest Criteria.	NEMSIS
If this EMS event is for an interfacility transfer of a patient with a recent history of a cardiac arrest with ROSC, and who does not experience another cardiac arrest during transport, then do not document Cardiac Arrest (eArrest.01) with "Yes, Prior to	NEMSIS

Any EMS Arrival (includes Transport EMS & Medical First Responders)".	NEMSIS
EMS is defined as Emergency Medical Services personnel and Medical First Responder personnel who respond to a medical emergency in an official capacity as part of an organized medical response team. By this definition, physicians, nurses, or paramedics who witness a cardiac arrest and initiate CPR, but are not part of the organized medical response team are characterized as bystanders and are not part of the EMS system.	NEMSIS
Medical First Responders are defined as personnel who are dispatched through the 911 system, respond in an official capacity, have the capability and/or training to provide emergency medical care, but are not the designated transporter of the patient.	NEMSIS
Thus, law enforcement officers who respond in an official capacity to a cardiac arrest, have the capability and/or training to provide emergency medical care (e.g., carry AEDs in their patrol vehicles, hold EMR licensure, are CPR certified, etc.)	NEMSIS
are considered Medical First Responders for the purposes of this data element.	NEMSIS
Responders dispatched through the 911 system with no capability of providing emergency medical care are not considered Medical First Responders. For example, towing and wrecking responding to a vehicle crash, or law enforcement officers who do not provide any emergency medical care would not be considered Medical First Responders.	NEMSIS
For States and Local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), "Any EMS Arrival" includes 911 Responders (First Responder or EMS) as defined by CARES in the CARES 2019 Data Dictionary: https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20(2019).pdf .	NEMSIS
This NEMSIS data element is used to answer CARES data element #20 Arrest After Arrival of 911 Responder.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Cardiac Arrest Etiology

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
3002001	Cardiac (Presumed)	FV	3002003	Drowning/Submersion	FV
3002005	Drug Overdose	FV	3002007	Electrocution	FV
3002009	Exsanguination-Medical (Non-Traumatic)	FV	3002011	Other	FV
3002013	Respiratory/Asphyxia	FV	3002015	Traumatic Cause	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment

This element is a component of the Utstein Cardiac Arrest Criteria.

Comment Type

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Resuscitation Attempted by EMS

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
3003001	Attempted Defibrillation	FV	3003003	Attempted Ventilation	FV
3003005	Initiated Chest Compressions	FV	3003007	Not Attempted-Considered Futile	FV
3003009	Not Attempted-DNR Orders	FV	3003011	Not Attempted-Signs of Circulation	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment

Comment Type

This element is a component of the Utstein Cardiac Arrest Criteria.

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Arrest Witnessed By

Definition

Indication of who the cardiac arrest was witnessed by.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3004001	Not Witnessed	FV	3004003	Witnessed by Family Member	FV
3004005	Witnessed by Healthcare Provider	FV	3004007	Witnessed by Bystander	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

No Comments

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	1:M	One-To-Many
Florida Usage	C	Conditional
NEMSIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	Yes
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No

AED Use Prior to EMS Arrival

Definition

Documentation of AED use Prior to EMS Arrival.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3007001	No	FV	3007003	Yes, Applied without Defibrillation	FV
3007005	Yes, With Defibrillation	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment

This element is a component of the Utstein Cardiac Arrest Criteria.

Comment Type

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Type of CPR Provided

Definition

Documentation of the type/technique of CPR used by EMS.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3009001	Compressions-Manual	FV	3009003	Compressions-External Band Type Device	FV
3009005	Compressions-External Plunger Type Device	FV	3009007	Compressions-External Thumper Type Device	FV
3009009	Compressions-Intermittent with Ventilation	FV	3009011	Compressions-Other Device	FV
3009013	Ventilation-Bag Valve Mask	FV	3009015	Ventilation-Impedance Threshold Device	FV
3009017	Ventilation-Mouth to Mouth	FV	3009019	Ventilation-Pocket Mask	FV
3009021	Compressions-Hands Only CPR	FV	3009023	Ventilation-with OPA/NPA	FV
3009025	Ventilation-Advanced Airway Device	FV	3009027	Ventilation-Passive Ventilation with Oxygen	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment

Added to capture special CPR techniques.

Comment Type

NEMSIS

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	1:M	One-To-Many
Florida Usage	C	Conditional
NEMSIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	Yes
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No

Therapeutic Hypothermia by EMS

Definition

Documentation of EMS initiation of Therapeutic Hypothermia.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9923001	No	FV	9923003	Yes	FV

No Business Rules

Additional Information

Comment	Comment Type
For states and local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), eScene.24 is used to populate CARES data element #16 Fire/First Responder as defined by CARES in the CARES 2019 Data Dictionary:	NEMSIS
Data Dictionary: https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20(2019).pdf .	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

First Monitored Arrest Rhythm of the Patient

Definition

Documentation of what the first monitored arrest rhythm which was noted.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3011001	Asystole	FV	3011005	PEA	FV
3011007	Unknown AED Non-Shockable Rhythm	FV	3011009	Unknown AED Shockable Rhythm	FV
3011011	Ventricular Fibrillation	FV	3011013	Ventricular Tachycardia-Pulseless	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID Business Rule

- 423 First Monitored Rhythm of the Patient (eArrest.11) cannot equal "Not Applicable" when Cardiac Arrest (eArrest.01) has a value of "Yes, Prior to EMS Arrival" or "Yes, After EMS Arrival".

Additional Information

Comment	Comment Type
Added term "Arrest" to title to clarify this is the arrest rhythm.	NEMSIS
Values "Other" and "Normal Sinus Rhythm" removed since they are not Cardiac Arrest Rhythms.	NEMSIS
Value "Ventricular Tachycardia" has been changed to "Ventricular Tachycardia-Pulseless".	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Any Return of Spontaneous Circulation

Definition

Indication whether or not there was any return of spontaneous circulation.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3012001	No	FV	3012003	Yes, At Arrival at the ED	FV
3012005	Yes, Prior to Arrival at the ED	FV	3012007	Yes, Sustained for 20 consecutive minutes	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
425	Any Return of Spontaneous Circulation (eArrest.12) cannot equal "Not Applicable" when Resuscitation Attempted by EMS (eArrest.03) has a value of "Attempted Defibrillation" or "Attempted Ventilation" or "Initiated Chest Compressions".
1242	If eArrest.12 has a value "Yes, Prior to Arrival at the ED" then eArrest.12 should also have "Yes, At Arrival at the ED" or "Yes, Sustained for 20 consecutive minutes".
1243	If eArrest.12 has a value "Yes, Sustained for 20 consecutive minutes" then eArrest.12 should also have "Yes, At Arrival at the ED" or "Yes, Prior to Arrival at the ED".

Additional Information

Comment	Comment Type
This element needs to be documented when the patient has been in cardiac arrest and transported to a healthcare facility to show the change in patient condition, if any.	NEMSIS
Any ROSC is defined as any brief (approximately >30 seconds) restoration of spontaneous circulation that provides evidence of more than an occasional gasp, occasional fleeting palpable pulse, or arterial waveform.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Date/Time of Cardiac Arrest

Definition

The date/time of the cardiac arrest (if not known, please estimate).

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 428 Date/Time of Cardiac Arrest (eArrest.14) cannot be "Not Applicable" when Cardiac Arrest (eArrest.01) has a value of "Yes, Prior to EMS Arrival" or "Yes, After EMS Arrival".

Additional Information

Comment	Comment Type
Changed from estimated time prior to EMS arrival to date/time of cardiac arrest	NEMSIS
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
':' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Date/Time Resuscitation Discontinued

Definition

The date/time resuscitation was discontinued.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID	Business Rule
430	Date/Time Resuscitation Discontinued (eArrest.15) cannot equal "Not Applicable" or "Not Recorded" when Resuscitation Attempted by EMS (eArrest.03) has a value of "Attempted Defibrillation" or "Attempted Ventilation" or "Initiated Chest Compressions".

Additional Information

Comment	Comment Type
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No

Reason CPR/Resuscitation Discontinued

Definition

The reason that CPR or the resuscitation efforts were discontinued.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3016001	DNR	FV	3016003	Medical Control Order	FV
3016005	Obvious Signs of Death	FV	3016007	Physically Unable to Perform	FV
3016009	Protocol/Policy Requirements Completed	FV	3016011	Return of Spontaneous Circulation (pulse or BP noted)	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 410 Reason CPR/Resuscitation Discontinued (eArrest.16) cannot equal "Not Applicable" or "Not Recorded" when Resuscitation Attempted by EMS (eArrest.03) has a value of "Attempted Defibrillation" or "Attempted Ventilation" or "Initiated Chest Compressions".

Additional Information

Comment	Comment Type
Added Resuscitation to Title to allow better documentation of disposition.	NEMSIS

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Cardiac Rhythm on Arrival at Destination

Definition

The patient's cardiac rhythm upon delivery or transfer to the destination.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9901001	Agonal/Idioventricular	FV	9901003	Asystole	FV
9901005	Artifact	FV	9901007	Atrial Fibrillation	FV
9901009	Atrial Flutter	FV	9901011	AV Block-1st Degree	FV
9901013	AV Block-2nd Degree-Type 1	FV	9901015	AV Block-2nd Degree-Type 2	FV
9901017	AV Block-3rd Degree	FV	9901019	Junctional	FV
9901021	Left Bundle Branch Block	FV	9901023	Non-STEMI Anterior Ischemia	FV
9901025	Non-STEMI Inferior Ischemia	FV	9901027	Non-STEMI Lateral Ischemia	FV
9901029	Non-STEMI Posterior Ischemia	FV	9901030	Non-STEMI Septal Ischemia	FV
9901031	Other	FV	9901033	Paced Rhythm	FV
9901035	PEA	FV	9901037	Premature Atrial Contractions	FV
9901039	Premature Ventricular Contractions	FV	9901041	Right Bundle Branch Block	FV
9901043	Sinus Arrhythmia	FV	9901045	Sinus Bradycardia	FV
9901047	Sinus Rhythm	FV	9901049	Sinus Tachycardia	FV
9901051	STEMI Anterior Ischemia	FV	9901053	STEMI Inferior Ischemia	FV
9901055	STEMI Lateral Ischemia	FV	9901057	STEMI Posterior Ischemia	FV
9901058	STEMI Septal Ischemia	FV	9901059	Supraventricular Tachycardia	FV
9901061	Torsades De Points	FV	9901063	Unknown AED Non-Shockable Rhythm	FV
9901065	Unknown AED Shockable Rhythm	FV	9901067	Ventricular Fibrillation	FV
9901069	Ventricular Tachycardia (With Pulse)	FV	9901071	Ventricular Tachycardia (Pulseless)	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID Business Rule

- 441 Cardiac Rhythm on Arrival at Destination (eArrest.17) cannot equal "Not Applicable" when Cardiac Arrest (eArrest.01) has a value of "Yes, Prior to EMS Arrival" or "Yes, After EMS Arrival".

Additional Information

Comment

Comment Type

This element needs to be documented when the patient has been in cardiac or respiratory arrest and transported to a healthcare facility to show the change in patient condition, if any.

NEMSIS

The cardiac rhythm list has been updated to be the same for eVitals.03 (Cardiac Rhythm Electrocardiography (ECG)).

NEMSIS

They are using the common type: CardiacRhythm.ST segment changes consistent (or not consistent) with STEMI criteria should be documented as Ischemia in the appropriate location.

NEMSIS

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	

Frequency and Use

Recurrence	1:M	One-To-Many
Florida Usage	C	Conditional
NEMSIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	Yes
Time Stamp (TS)	No
Phone (PH)	No

Patterns

Email (EM)

No

Distance (DU)

No

End of EMS Cardiac Arrest Event

Definition

The patient's outcome at the end of the EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3018001	Expired in ED	FV	3018003	Expired in the Field	FV
3018005	Ongoing Resuscitation in ED	FV	3018007	ROSC in the Field	FV
3018009	ROSC in the ED	FV	3018011	Ongoing Resuscitation by Other EMS	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID Business Rule

- 443 End of EMS Cardiac Arrest Event (eArrest.18) cannot be "Not Applicable" when Cardiac Arrest (eArrest.01) has a value of "Yes, Prior to EMS Arrival" or "Yes, After EMS Arrival".

Additional Information

Comment	Comment Type
Added to better identify the outcome of EMS cardiac arrest patients.	NEMSIS
This element is a component of the Utstein Cardiac Arrest Criteria.	Florida

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Date/Time of Initial CPR

Definition

The initial date and time that CPR was started by anyone.

No Field Values

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	datetime	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No

Who First Initiated CPR

Definition

Who first initiated CPR for this EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3020001	Bystander	FV	3020003	Family Member	FV
3020005	Healthcare Provider (non-911 Responder)	FV	3020007	First Responder (EMS)	FV
3020009	First Responder (Law Enforcement)	FV	3020011	First Responder (non-EMS Fire)	FV
3020013	EMS Responder (transport EMS)	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID Business Rule

1235 If Who First Initiated CPR(eArrest.20) has a value of ("3020007" or "3020009", or "3020011") then there must be atleast one First Other EMS or Public Safety Agency at Scene to Provide Patient Care(eScene.24) has a value "Yes".

Additional Information

Comment	Comment Type
Bystanders are defined as persons who are not responding as part of an organized emergency response system to a cardiac arrest.	NEMSIS
Physicians, nurses, and paramedics may be described as performing bystander CPR if they are not part of the emergency response system involved in the victim's resuscitation. Friends and acquaintances are considered bystanders.	NEMSIS
Family members are defined as the patient's relatives.	NEMSIS
Healthcare Provider (non-911 Responder) includes physicians, nurses, paramedics, and other types of healthcare professionals who are not part of the organized emergency response system.	NEMSIS
First Responders are defined as personnel who are dispatched through the 911 system, respond as part of an organized emergency response system, and have the capability and/or training to provide emergency medical care, but are not the designated transporters of the patient.	NEMSIS
First Responder (EMS) is defined as EMS personnel who are part of an EMS response agency, respond as part of an organized emergency response system, but are not the designated transporter of the patient.	NEMSIS
For example, First Responder (EMS) includes EMS personnel who arrive by quick response EMS units, fire apparatus that is part of an EMS response agency, and supervisor/administrative vehicles operated by the transport EMS agency.	NEMSIS
First Responder (Law Enforcement) is defined as public safety officers who are not part of an EMS response agency and act in an organized, official capacity to enforce the law.	NEMSIS
First Responder (non-EMS Fire) is defined as fire department personnel who are not part of an EMS response agency and are not the designated transporter of the patient.	NEMSIS
EMS Responder (transport) is defined as EMS personnel who are the designated transporter of the patient.	NEMSIS
For states and local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), eArrest.20 is the equivalent of CARES data element #23 Who Initiated CPR as defined by CARES in the CARES 2019 Data Dictionary: https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20(2019).pdf .	NEMSIS

XSD Data Specification

Data Type	integer
Min	
Max	
Total Digits	

Frequency and Use

Recurrence	1:1	One-To-One
Florida Usage	C	Conditional
NEMSIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No

Cardiac Arrest

Fraction Digits	
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Patterns	
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eArrest.20 Who First Initiated CPR

Phone (PH)	No
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Email (EM)	No
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Distance (DU)	No
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Who First Applied the AED

Definition

Documentation of who first applied the AED for this EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3021001	Bystander	FV	3021003	Family Member	FV
3021005	Healthcare Provider (non-911 Responder)	FV	3021007	First Responder (EMS)	FV
3021009	First Responder (Law Enforcement)	FV	3021011	First Responder (non-EMS Fire)	FV
3021013	EMS Responder (transport EMS)	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID	Business Rule
1236	If Who First Applied the AED(eArrest.21) has a value of ("3021007" or "3021009", or "3021011") then there must be atleast one First Other EMS or Public Safety Agency at Scene to Provide Patient Care(eScene.24) has a value "Yes".

Additional Information

Comment	Comment Type
Bystanders are defined as persons who are not responding as part of an organized emergency response system to a cardiac arrest.	NEMSIS
Physicians, nurses, and paramedics may be described as performing bystander CPR if they are not part of the emergency response system involved in the victim's resuscitation. Friends and acquaintances are considered bystanders.	NEMSIS
Family members are defined as the patient's relatives.	NEMSIS
Healthcare Provider (non-911 Responder) includes physicians, nurses, paramedics, and other types of healthcare professionals who are not part of the organized emergency response system.	NEMSIS
First Responders are defined as personnel who are dispatched through the 911 system, respond as part of an organized emergency response system, and have the capability and/or training to provide emergency medical care, but are not the designated transporters of the patient.	NEMSIS
First Responder (EMS) is defined as EMS personnel who are part of an EMS response agency, respond as part of an organized emergency response system, but are not the designated transporter of the patient.	NEMSIS
For example, First Responder (EMS) includes EMS personnel who arrive by quick response EMS units, fire apparatus that is part of an EMS response agency, and supervisor/administrative vehicles operated by the transport EMS agency.	NEMSIS
First Responder (Law Enforcement) is defined as public safety officers who are not part of an EMS response agency and act in an organized, official capacity to enforce the law.	NEMSIS
First Responder (non-EMS Fire) is defined as fire department personnel who are not part of an EMS response agency and are not the designated transporter of the patient.	NEMSIS
EMS Responder (transport) is defined as EMS personnel who are the designated transporter of the patient.	NEMSIS
For states and local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), eArrest.20 is the equivalent of CARES data element #23 Who Initiated CPR as defined by CARES in the CARES 2019 Dictionary: https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20(2019).pdf .	NEMSIS

XSD Data Specification

Data Type	integer
Min	
Max	
Total Digits	

Frequency and Use

Recurrence	1:1	One-To-One
Florida Usage	C	Conditional
NEMSIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No

Cardiac Arrest

Fraction Digits	
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Patterns	
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eArrest.21 Who First Applied the AED

Phone (PH)	No
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Email (EM)	No
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Distance (DU)	No
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Who First Defibrillated the Patient

Definition

Documentation of who first defibrillated the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
3022001	Bystander	FV	3022003	Family Member	FV
3022005	Healthcare Provider (non-911 Responder)	FV	3022007	First Responder (EMS)	FV
3022009	First Responder (Law Enforcement)	FV	3022011	First Responder (non-EMS Fire)	FV
3022013	EMS Responder (transport EMS)	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID Business Rule

1237 If Who First Defibrillated the Patient(eArrest.22) has a value of ("3022007" or "3022009", or "3022011"), there must be atleast one First Other EMS or Public Safety Agency at Scene to Provide Patient Care(eScene.24) has a value "Yes".

Additional Information

Comment	Comment Type
Bystanders are defined as persons who are not responding as part of an organized emergency response system to a cardiac arrest.	NEMSIS
Physicians, nurses, and paramedics may be described as performing bystander CPR if they are not part of the emergency response system involved in the victim's resuscitation. Friends and acquaintances are considered bystanders.	NEMSIS
Family members are defined as the patient's relatives.	NEMSIS
Healthcare Provider (non-911 Responder) includes physicians, nurses, paramedics, and other types of healthcare professionals who are not part of the organized emergency response system.	NEMSIS
First Responders are defined as personnel who are dispatched through the 911 system, respond as part of an organized emergency response system, and have the capability and/or training to provide emergency medical care,	NEMSIS
First Responder (EMS) is defined as EMS personnel who are part of an EMS response agency, respond as part of an organized emergency response system, but are not the designated transporter of the patient.	NEMSIS
For example, First Responder (EMS) includes EMS personnel who arrive by quick response EMS units, fire apparatus that is part of an EMS response agency, and supervisor/administrative vehicles operated by the transport EMS agency.	NEMSIS
First Responder (Law Enforcement) is defined as public safety officers who are not part of an EMS response agency and act in an organized, official capacity to enforce the law.	NEMSIS
First Responder (non-EMS Fire) is defined as fire department personnel who are not part of an EMS response agency and are not the designated transporter of the patient.	NEMSIS
EMS Responder (transport) is defined as EMS personnel who are the designated transporter of the patient.	NEMSIS
For states and local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), eArrest.20 is the equivalent of CARES data element #23 Who Initiated CPR as defined by CARES in the CARES 2019 Data Dictionary: https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20(2019).pdf .	NEMSIS

XSD Data Specification

Data Type	integer
Min	
Max	
Total Digits	
Fraction Digits	

Frequency and Use

Recurrence	1:1	One-To-One
Florida Usage	C	Conditional
NEMSIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No

Patterns

Email (EM)

No

Distance (DU)

No

Indications for Invasive Airway

Definition

The clinical indication for performing invasive airway management.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4001001	Adequate Airway Reflexes/Effort, Potential for Compromise	FV	4001003	Airway Reflex Compromised	FV
4001005	Apnea or Agonal Respirations	FV	4001007	Illness Involving Airway	FV
4001009	Injury Involving Airway	FV	4001011	Other	FV
4001013	Ventilatory Effort Compromised	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	7701005	Not Reporting	NV

Business Rules

ID	Business Rule
445	Indications for Invasive Airway (eAirway.01) cannot equal "Not Applicable" or cannot be left blank when Airway Complications Encountered (eAirway.08) has a value other than a NOT VALUE.
447	Indications for Invasive Airway (eAirway.01) cannot equal "Not Applicable" or cannot be left blank when Suspected Reasons for Failed Airway Procedures (eAirway.09) has a value.

Additional Information

Comment	Comment Type
Added to better document airway management.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Date/Time Airway Device Placement Confirmation

Definition

The date and time the airway device placement was confirmed.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID	Business Rule
449	Airway Device Placement Confirmation Date/Time (eAirway.02) cannot equal "Not Applicable" or "Not Recorded" when Airway Device Being Confirmed (eAirway.03) has a value other than a NOT VALUE.
452	Airway Device Placement Confirmation Date/Time (eAirway.02) cannot be left blank when Airway Device Being Confirmed (eAirway.03) has a value other than a NOT VALUE.

Additional Information

Comment	Comment Type
SAD=Supraglottic Airway Device	NEMSIS
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS
Added to better document airway management.	Version 3 Changes

XSD Data Specification

Data Type	datetime
Min	1950-01-01T00:00:00-00:00
Max	2050-01-01T00:00:00-00:00
Total Digits	
Fraction Digits	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	C	Conditional
NEMSIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No

Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}	Email (EM)	No
		Distance (DU)	No

Airway Device Being Confirmed

Definition

The airway device in which placement is being confirmed.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4003001	Cricothyrotomy Tube	FV	4003003	Endotracheal Tube	FV
4003005	Other-Invasive Airway	FV	4003007	SAD-Combitube	FV
4003009	SAD-King	FV	4003011	SAD-LMA	FV
4003013	SAD-Other	FV	4003015	Tracheostomy Tube	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

- | ID | Business Rule |
|-----|---|
| 453 | Airway Device Being Confirmed (eAirway.03) cannot equal "Not Applicable" or "Not Recorded" or "Not Reporting" when Airway Device Placement Confirmation Date/Time (eAirway.02) has a date/time value. |
| 456 | Airway Device Being Confirmed (eAirway.03) cannot be left blank when Airway Device Placement Confirmation Date/Time (eAirway.02) has a date/time value. |

Additional Information

Comment	Comment Type
Added to better document airway management.	Version 3 Changes
SAD means Supraglottic Airway Device.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Airway Device Placement Confirmed Method

Definition

The method used to confirm the airway device placement.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4004001	Auscultation	FV	4004003	Bulb/Syringe Aspiration	FV
4004005	Colorimetric ETCO2	FV	4004007	Condensation in Tube	FV
4004009	Digital (Numeric) ETCO2	FV	4004011	Direct Re-Visualization of Tube in Place	FV
4004013	Endotracheal Tube Whistle (BAAM, etc.)	FV	4004015	Other	FV
4004017	Visualization of Vocal Cords	FV	4004019	Waveform ETCO2	FV
4004021	Chest Rise	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	7701005	Not Reporting	NV

Business Rules

ID	Business Rule
457	Airway Device Placement Confirmed Method (eAirway.04) cannot equal "Not Applicable" or "Not Recorded" or "Not Reporting" when Airway Device Placement Confirmation Date/Time (eAirway.02) has a date/time value.
460	Airway Device Placement Confirmed Method (eAirway.04) cannot be left blank when Airway Device Placement Confirmation Date/Time (eAirway.02) has a date/time value.
461	Airway Device Placement Confirmed Method (eAirway.04) cannot be left blank or cannot equal "Not Applicable" or "Not Recorded" or "Not Reporting" when Airway Device Being Confirmed (eAirway.03) has a value other than a NOT VALUE.

Additional Information

Comment	Comment Type
If the invasive airway is confirmed via multiple methods each method should be documented individually by time, method, and type of individual.	NEMSIS
Added to better document airway management.	Version 3 Changes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Florida

eAirway.08

Airway Complications Encountered

Definition

The airway management complications encountered during the patient care episode.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4008001	Adverse Event from Facilitating Drugs	FV	4008003	Bradycardia (<50)	FV
4008005	Cardiac Arrest	FV	4008007	Esophageal Intubation-Delayed Detection (After Tube Secured)	FV
4008009	Esophageal Intubation-Detected in Emergency Department	FV	4008011	Failed Intubation Effort	FV
4008013	Injury or Trauma to Patient from Airway Management Effort	FV	4008015	Other	FV
4008017	Oxygen Desaturation (<90%)	FV	4008019	Patient Vomiting/Aspiration	FV
4008021	Tube Dislodged During Transport/Patient Care	FV	4008023	Tube Was Not in Correct Position when EMS Crew/Team Assumed Care of the Patient	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

Additional Information

Comment

Added to better document airway management.

Comment Type

Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Suspected Reasons for Failed Airway Management

Definition

The reason(s) the airway was unable to be successfully managed.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4009001	Difficult Patient Airway Anatomy	FV	4009003	ETI Attempted, but Arrived At Destination Facility Before Accomplished	FV
4009005	Facial or Oral Trauma	FV	4009007	Inability to Expose Vocal Cords	FV
4009009	Inadequate Patient Relaxation/Presence of Protective Airway Reflexes	FV	4009011	Jaw Clenched (Trismus)	FV
4009013	Other	FV	4009015	Poor Patient Access	FV
4009017	Secretions/Blood/Vomit	FV	4009019	Unable to Position or Access Patient	FV

No Business Rules

Additional Information

Comment

Added to better document airway management.

Comment Type

Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	O	Optional	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Arrival at Destination Landing Area Date/Time

Definition

The date/time the Air Medical vehicle arrived at the destination landing area.

No Field Values

Business Rules

- | | |
|-----|---|
| ID | Business Rule |
| 125 | Arrival at Destination Landing Area Date/Time (eTimes.10) must be less than or equal to Patient Arrived at Destination Date/Time (eTimes.11). |
| 530 | Arrival at Destination Landing Area Date/Time (eTimes.10) must be less than or equal to Unit Back in Service Date/Time (eTimes.13). |

Additional Information

Comment	Comment Type
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Patient Arrived at Destination Date/Time

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
531	Patient Arrived at Destination Date/Time (eTimes.11) cannot equal "Not Applicable" or "Not Recorded" when Destination Patient Transfer of Care Date/Time (eTimes.12) has a date/time value.

Additional Information

Comment	Comment Type
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMESIS
yyyy - a four-digit numeral that represents the year	NEMESIS
'-' - separators between parts of the date portion	NEMESIS
mm - a two-digit numeral that represents the month	NEMESIS
dd - a two-digit numeral that represents the day	NEMESIS
T - separator that indicates time-of-day follows	NEMESIS
hh - a two-digit numeral that represents the hour	NEMESIS
':' - a separator between parts of the time-of-day portion	NEMESIS
mm - a two-digit numeral that represents the minute	NEMESIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMESIS
'.' s+ - (not required) represents the fractional seconds	NEMESIS
zzzzz - (required) represents the timezone (as described below)	NEMESIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMESIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMESIS
mm - a two-digit numeral that represents the minutes	NEMESIS
'+' - a nonnegative duration	NEMESIS
'-' - a nonpositive duration	NEMESIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMESIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Patient Destination Odometer Reading of Responding Vehicle

Definition

The mileage (counter or odometer reading) of the vehicle when it arrives at the patient's destination. If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of Boat, Fixed Wing, or Rotor Craft in eDisposition.16 (EMS Transport Method).

No Field Values

Business Rules

ID Business Rule

- 528 Patient Destination Odometer Reading of Responding Vehicle (eResponse.21) must be greater or equal to On-Scene Odometer Reading of Responding Vehicle (eResponse.20).
- 529 Patient Destination Odometer Reading of Responding Vehicle (eResponse.21) must be less than or equal to Ending Odometer Reading of Responding Vehicle (eResponse.22).

Additional Information

Comment

Comment Type

If using a counter, this is the mileage traveled from dispatch to the patient's transport destination starting from 0.

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	decimal	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits	8	XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits	2				Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



eDisposition.02

Destination/Transferred To, Code

Definition

The code of the destination the patient was delivered or transferred to.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID	Business Rule
477	Destination/Transferred to Code (eDisposition.02) cannot equal "Not Applicable" or "Not Recorded" or "Not Reporting" when Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit (This Crew Only)" or Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit, with a Member of Another Crew" or Transport Disposition (eDisposition.30) has a value of "Non-Patient Transport (Not Otherwise Listed)" or Transport Disposition (eDisposition.30) equals "Transport by Another EMS Unit" or Transport Disposition (eDisposition.30) equals "Transport by Another EMS Unit, with a Member of This Crew".
480	Destination/Transferred to Code (eDisposition.02) cannot equal be left blank when Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit (This Crew Only)" or Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit, with a Member of Another Crew" or Transport Disposition (eDisposition.30) has a value of "Non-Patient Transport (Not Otherwise Listed)" or Transport Disposition (eDisposition.30) equals "Transport by Another EMS Unit" or Transport Disposition (eDisposition.30) equals "Transport by Another EMS Unit, with a Member of This Crew".
485	Destination/Transferred to Code (eDisposition.02) should have a Facility Code for an EMS Agency when Transfer of EMS Patient Care Date/Time (eTimes.08) has a date/time value and Transport Disposition (eDisposition.30) equals "Transport by this EMS Unit" or Transport Disposition (eDisposition.30) equals "Transport by Another EMS Unit, with a Member of This Crew"
486	Destination/Transferred to Code (eDisposition.02) cannot equal "Not Applicable" or "Not Recorded" or "Not Reporting" when Patient Arrived at Destination (eTimes.11) has a date/time value.
489	Destination/Transferred to Code (eDisposition.02) cannot be left blank when Patient Arrived at Destination (eTimes.11) has a date/time value.
1203	When Destination/Transferred to Code (eDisposition.02) Facility Code starts with 23 or contains FER then Destination/Transferred to Code (eDisposition.02) should have a valid Florida Hospital Facility code.

Additional Information

Comment	Comment Type
Reference the Florida Defined List for Facility Code.	Florida
Website: https://www.floridaemstars.com/downloads_v3X.htm	Florida
May be populated from list in dFacility.03 (Facility Location Code) or dFacility.05 (Facility National Provider Identifier) if a health care facility.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Destination Street Address

Definition

The street address of the destination the patient was delivered or transferred to.

No Field Values

Business Rules

ID Business Rule

- 1218 Destination Street Address(eDisposition.03) should have a value when Destination/Transferred To, Code(eDisposition.02) is blank or Destination/Transferred To, Code(eDisposition.02) has a value in (5071,5072)

Additional Information

Comment

May be auto-populated if list created in dFacility.07 (Facility Street Address).

Comment Type

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	255	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Destination City

Definition

The city of the destination the patient was delivered or transferred to (physical address).

No Field Values

Business Rules

ID Business Rule

- 1219 Destination City (eDisposition.04) should have a value when Destination/Transferred To, Code(eDisposition.02) is blank or Destination/Transferred To, Code(eDisposition.02) has a value in (5071,5072)

Additional Information

Comment	Comment Type
City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.	NEMSIS
Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Destination State

Definition

The state of the destination the patient was delivered or transferred to.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

- ID Business Rule
- 1220 Destination State (eDisposition.05) should have a value when Destination/Transferred To, Code(eDisposition.02) is blank or Destination/Transferred To, Code(eDisposition.02) has a value in (5071,5072)

Additional Information

Comment	Comment Type
Based on the ANSI State Code.	NEMSIS
May be auto-populated if list created in dFacility.09 (Facility State).	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	2	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{2}				Email (EM)	No
					Distance (DU)	No

Destination County

Definition

The destination county in which the patient was delivered or transferred to.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
1221	Destination County (eDisposition.06) should have a value when Destination/Transferred To, Code(eDisposition.02) is blank or Destination/Transferred To, Code(eDisposition.02) has a value in (5071,5072)

Additional Information

Comment	Comment Type
May be auto-populated if list created in dFacility.11 (Facility County).	NEMSIS
Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes).	NEMSIS
Should be required if there is a patient associated with the event.	NEMSIS
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	5	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	5	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{5}				Email (EM)	No
					Distance (DU)	No



Destination ZIP Code

Definition

The destination ZIP code in which the patient was delivered or transferred to.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
1222	Destination Zip Code (eDisposition.07) should have a value when Destination/Transferred To, Code(eDisposition.02) is blank or Destination/Transferred To, Code(eDisposition.02) has a value in (5071,5072)

Additional Information

Comment	Comment Type
May be auto-populated if list created in dFacility.10 (Facility ZIP Code).	NEMSIS
ZIP Codes Product Website: https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/	NEMSIS
Product: USA - 5-digit ZIP Code Database, Commercial Edition	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{5} [0-9]{5}-[0-9]{4} [0-9]{5}-[0-9]{5} [A-Z][0-9][A-Z] [0-9][A-Z][0-9]				Email (EM)	No
					Distance (DU)	No

Number of Patients Transported in this EMS Unit

Definition

The number of patients transported by this EMS crew and unit.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

Business Rules

ID	Business Rule
500	Number of Patients Transported in this EMS Unit (eDisposition.11) cannot equal "Not Applicable" when Transport Dispositon (eDisposition.30) has a value of "Transport by This EMS Unit (This Crew Only)" or "Transport by This EMS Unit, with a Member of Another Crew".

Additional Information

Comment	Comment Type
Added to document multiple patients being transported with the same vehicle and crew.	NEMSIS
Added to document multiple patients being transported with the same vehicle and crew.	Version 3 Changes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min	1	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	100	NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Position of Patient During Transport

Definition

The position of the patient during transport from the scene.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4214001	Car Seat	FV	4214003	Fowlers (Semi-Upright Sitting)	FV
4214005	Lateral Left	FV	4214007	Lateral Right	FV
4214009	Other	FV	4214011	Prone	FV
4214013	Semi-Fowlers	FV	4214015	Sitting	FV
4214017	Supine	FV	4214019	Trendelenburg	FV

Business Rules

ID Business Rule

- 505 Position of Patient During Transport (eDisposition.14) cannot be left blank when Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit (This Crew Only)" or Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit, with a Member of Another Crew".

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

EMS Transport Method

Definition

The method of transport by this EMS Unit.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4216001	Air Medical-Fixed Wing	FV	4216003	Air Medical-Rotor Craft	FV
4216005	Ground-Ambulance	FV	4216007	Ground-ATV or Rescue Vehicle	FV
4216009	Ground-Bariatric	FV	4216011	Ground-Other Not Listed	FV
4216013	Ground-Mass Casualty Bus/Vehicle	FV	4216015	Ground-Wheelchair Van	FV
4216017	Water-Boat	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
Required if the patient is Transported by EMS.	NEMSIS
Added to better describe Air and Ground Transport methods.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Transport Mode from Scene

Definition

Indication whether the transport was emergent or non-emergent.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4217001	Emergent (Immediate Response)	FV	4217003	Emergent Downgraded to Non-Emergent	FV
4217005	Non-Emergent	FV	4217007	Non-Emergent Upgraded to Emergent	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID Business Rule

- 513 Transport Mode from Scene (eDisposition.17) cannot equal "Not Applicable" or "Not Recorded" when Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit (This Crew Only)" or Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit, with a Member of Another Crew" or Transport Disposition (eDisposition.30) has a value of "Non-Patient Transport (Not Otherwise Listed)".
- 518 Transport Mode Descriptors (eDisposition.17) cannot equal "Not Applicable" or "Not Recorded" when Additional Transport Mode Descriptors (eDisposition.18) has a value other than NOT VALUE.

Additional Information

Comment	Comment Type
Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors).	NEMSIS
Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Additional Transport Mode Descriptors

Definition

The documentation of transport mode techniques for this EMS response.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4218001	Intersection Navigation-Against Normal Light Patterns	FV	4218003	Intersection Navigation-With Automated Light Changing Technology	FV
4218005	Intersection Navigation-With Normal Light Patterns	FV	4218007	Speed-Enhanced per Local Policy	FV
4218009	Speed-Normal Traffic	FV	4218011	Lights and Sirens	FV
4218013	Lights and No Sirens	FV	4218015	No Lights or Sirens	FV
4218017	Initial No Lights or Sirens, Upgraded to Lights and Sirens	FV	4218019	Initial Lights and Sirens, Downgraded to No Lights or Sirens	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors).	NEMSIS
Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Final Patient Acuity

Definition

The acuity of the patient's condition after EMS care.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4219001	Critical (Red)	FV	4219003	Emergent (Yellow)	FV
4219005	Lower Acuity (Green)	FV	4219007	Dead without Resuscitation Efforts (Black)	FV
4219009	Dead with Resuscitation Efforts (Black)	FV	4219011	Non-Acute/Routine	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
Definitions related to "Critical, Emergent, and Lower Acuity" can be found in the National EMS Core Content document from NHTSA EMS (DOT HS 809-898 July 2005) at http://www.nhtsa.gov/people/injury/ems/emscorecontent/images/EMSCoreContent.pdf	NEMSIS
Dead without Resuscitation Efforts would be appropriate if resuscitation was initiated by non-EMS personnel but discontinued immediately upon evaluation by first arriving EMS personnel.	NEMSIS
"Non-Acute/Routine" added for use with patients with no clinical issues-such as a refusal for a life assist-or for routine transfers. "Dead with Resuscitation Efforts (Black)" added for EMS units that arrived and provided resuscitation to a critical patient, but who was deceased at the end of the event (such as in a cardiac arrest).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Reason for Choosing Destination

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
4220001	Closest Facility	FV	4220003	Diversion	FV
4220005	Family Choice	FV	4220007	Insurance Status/Requirement	FV
4220009	Law Enforcement Choice	FV	4220011	On-Line/On-Scene Medical Direction	FV
4220013	Other	FV	4220015	Patient's Choice	FV
4220017	Patient's Physician's Choice	FV	4220019	Protocol	FV
4220021	Regional Specialty Center	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID Business Rule

- 523 Reason for Choosing Destination (eDisposition.20) cannot equal "Not Applicable" when Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit (This Crew Only)" or Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit, with a Member of Another Crew" or Transport Disposition (eDisposition.30) has a value of "Non-Patient Transport (Not Otherwise Listed)".

Additional Information

Comment

Required if the patient was transported.

Comment Type

NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Type of Destination

Definition

The type of destination the patient was delivered or transferred to.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4221001	Home	FV	4221003	Hospital-Emergency Department	FV
4221005	Hospital-Non-Emergency Department Bed	FV	4221007	Clinic	FV
4221009	Morgue/Mortuary	FV	4221013	Other	FV
4221015	Other EMS Responder (air)	FV	4221017	Other EMS Responder (ground)	FV
4221019	Police/Jail	FV	4221021	Urgent Care	FV
4221023	Freestanding Emergency Department	FV	4221025	Dialysis Center	FV
4221027	Diagnostic Services	FV	4221029	Assisted Living Facility	FV
4221031	Mental Health Facility	FV	4221033	Nursing Home	FV
4221035	Other Recurring Care Center	FV	4221037	Physical Rehabilitation Facility	FV
4221039	Drug and/or Alcohol Rehabilitation Facility	FV	4221041	Skilled Nursing Facility	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID Business Rule

- 641 Type of Destination (eDisposition.21) cannot equal "Not Applicable" or "Not Recorded" when Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit (This Crew Only)" or Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit, with a Member of Another Crew" or Transport Disposition (eDisposition.30) has a value of "Non-Patient Transport (Not Otherwise Listed)".

Additional Information

Comment	Comment Type
Required if the patient is Transported by EMS.	NEMSIS
With the release of v3.5.0 values were added to meet the needs of EMS	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Destination Patient Transfer of Care Date/Time

Definition

The date/time that patient care was transferred to the destination healthcare staff.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
535	Destination Patient Transfer of Care Date/Time (eTimes.12) cannot equal "Not Applicable" or "Not Recorded" when Patient Arrived at Destination Date/Time (eTimes.11) has a date/time value.

Additional Information

Comment	Comment Type
This was added to better document delays in ED transfer of care due to ED crowding or other issues beyond EMS control.	NEMSIS
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
':' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No

Hospital In-Patient Destination

Definition

The location within the hospital that the patient was taken directly by EMS (e.g., Cath Lab, ICU, etc.).

Field Values

Code	Code Description	Type	Code	Code Description	Type
4222001	Hospital-Burn	FV	4222003	Hospital-Cath Lab	FV
4222005	Hospital-CCU	FV	4222007	Hospital-Endoscopy	FV
4222009	Hospital-Hospice	FV	4222011	Hospital-Hyperbaric Oxygen Treatment	FV
4222013	Hospital-ICU	FV	4222015	Hospital-Labor & Delivery	FV
4222017	Hospital-Med/Surg	FV	4222019	Hospital-Mental Health	FV
4222021	Hospital-MICU	FV	4222023	Hospital-NICU	FV
4222025	Hospital-Nursery	FV	4222027	Hospital-Peds (General)	FV
4222029	Hospital-Peds ICU	FV	4222031	Hospital-OR	FV
4222033	Hospital-Orthopedic	FV	4222035	Hospital-Other	FV
4222037	Hospital-Out-Patient Bed	FV	4222039	Hospital-Radiology Services - MRI	FV
4222041	Hospital-Radiology Services - CT/PET	FV	4222043	Hospital-Radiology Services - X-Ray	FV
4222045	Hospital-Radiation	FV	4222047	Hospital-Rehab	FV
4222049	Hospital-SICU	FV	4222051	Hospital-Oncology	FV
4222053	Hospital-Outpatient Surgery	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
To be documented when in eDisposition.21 "Hospital-Non-Emergency Department Bed" is selected.	NEMSIS
Added to identify the location within the hospital that the patient was directly taken to by EMS.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Hospital Capability

Definition

The primary hospital capability associated with the patient's condition for this transport (e.g., Trauma, STEMI, Peds, etc.).

Field Values

Code	Code Description	Type	Code	Code Description	Type
9908001	Behavioral Health	FV	9908003	Burn Center	FV
9908005	Critical Access Hospital	FV	9908007	Hospital (General)	FV
9908009	Neonatal Center	FV	9908011	Pediatric Center	FV
9908019	Rehab Center	FV	9908021	Trauma Center Level 1	FV
9908023	Trauma Center Level 2	FV	9908025	Trauma Center Level 3	FV
9908027	Trauma Center Level 4	FV	9908029	Trauma Center Level 5	FV
9908031	Cardiac-STEMI/PCI Capable	FV	9908033	Cardiac-STEMI/PCI Capable (24/7)	FV
9908035	Cardiac-STEMI/Non-PCI Capable	FV	9908037	Stroke-Acute Stroke Ready Hospital (ASRH)	FV
9908039	Stroke-Primary Stroke Center (PSC)	FV	9908041	Stroke-Thrombectomy-Capable Stroke Center (TSC)	FV
9908043	Stroke-Comprehensive Stroke Center (CSC)	FV	9908045	Cancer Center	FV
9908047	Labor and Delivery	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
To be documented when eDisposition.21 (Type of Destination) is 1) Hospital-Emergency Department, 2) Hospital-Non-Emergency Department Bed, or 3) Freestanding Emergency Department.	NEMSIS
Stroke Center classifications based on Joint Commission stroke certification: https://www.jointcommission.org/facts_about_joint_commission_stroke_certification/	NEMSIS
Added to aid in determining if patients are transported to the appropriate hospital based on provider impression, assessment, and treatment.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Type of Transport Delay

Definition

The transport delays, if any, of the EMS unit associated with the EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2211001	Crowd	FV	2211003	Directions/Unable to Locate	FV
2211005	Distance	FV	2211007	Diversion	FV
2211009	HazMat	FV	2211011	None/No Delay	FV
2211013	Other (Not Listed)	FV	2211015	Rendezvous Transport Unavailable	FV
2211017	Route Obstruction (e.g., Train)	FV	2211019	Safety	FV
2211021	Staff Delay	FV	2211023	Traffic	FV
2211025	Vehicle Crash Involving this Unit	FV	2211027	Vehicle Failure of this Unit	FV
2211029	Weather	FV	2211031	Patient Condition Change (e.g., Unit Stopped)	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID Business Rule

- 959 Type of Transport Delay (eResponse.11) cannot equal a NOT Value when Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit (This Crew Only)" or "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" or "Non-Patient Transport (Not Otherwise Listed)".

Additional Information

Comment	Comment Type
Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc.	NEMSIS
A transport delay is any time delay that occurs from the time the unit left the scene (eTimes.09) to the time the patient arrived at the destination (eTimes.10).	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Trauma Triage Criteria (High Risk for Serious Injury)

Definition

Trauma triage criteria for the red boxes (Injury Patterns and Mental Status and Vital Signs) in the 2021 ACS National Guideline for the Field Triage of Injured Patients.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2903001	Amputation proximal to wrist or ankle	FV	2903003	Crushed, degloved, mangled, or pulseless extremity	FV
2903005	Chest wall instability or deformity (e.g., flail chest)	FV	2903007	Glasgow Coma Score <= 13	FV
2903009	Open or depressed skull fracture	FV	2903011	Paralysis	FV
2903013	Pelvic fractures	FV	2903015	All penetrating injuries to head, neck, torso, and extremities proximal to elbow or knee	FV
2903017	Respiratory Rate <10 or >29 breaths per minute (<20 in infants aged <1 year) or need for ventilatory support	FV	2903019	Systolic Blood Pressure <90 mmHg	FV
2903021	Two or more proximal long-bone fractures	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID Business Rule

- 1194 Trauma Triage Criteria (Steps 1 and 2) (eInjury.03) cannot equal "Not Recorded" or "Not Applicable" when Destination Team Pre-Arrival Activation (eDisposition.24) has a value of "Yes-Adult Trauma" or "Yes-Pediatric Trauma" and Trauma Triage Criteria (Steps 3 and 4) (eInjury.04) has a value of "Not Applicable" or "Not Recorded" or Additional Trauma Triage Criteria does not have a value).

Additional Information

Comment	Comment Type
2011 Guidelines for the Field Triage of Injured Patients - value choices for Steps 1 and 2. For falls, one story is equal to 10 feet.	NEMSIS
Added to better evaluate the CDC-ACS 2011 Guidelines for the Field Triage of Injured Patients.	Version 3 Changes
Website - http://www.cdc.gov/mmwr/pdf/rr/rr6101.pdf	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Trauma Triage Criteria (Moderate Risk for Serious Injury)

Definition

Trauma triage criteria for the yellow boxes (Mechanism of Injury and EMS Judgment) in the 2021 ACS National Guideline for the Field Triage of Injured Patients.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2904001	Auto v. Pedestrian/Bicyclist Thrown, Run Over, or > 20 MPH Impact	FV	2904003	Fall Adults: > 20 ft. (one story is equal to 10 ft.)	FV
2904005	Fall Children: > 10 ft. or 2-3 times the height of the child	FV	2904007	Crash Death in Same Passenger Compartment	FV
2904009	Crash Ejection (partial or complete) from automobile	FV	2904011	Crash Intrusion, including roof: > 12 in. occupant site; > 18 in. any site	FV
2904013	Crash Vehicle Telemetry Data (AACN) Consistent with High Risk of Injury	FV	2904015	Motorcycle Crash > 20 MPH	FV
2904017	SBP < 110 for age > 65	FV	2904019	Anticoagulants and Bleeding Disorders	FV
2904021	Pregnancy > 20 weeks	FV	2904023	EMS Provider Judgment	FV
2904025	Burn, without other trauma	FV	2904027	Burn, with trauma mechanism	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
Assesses mechanism of injury and evidence of high-energy impact (Step 3) AND Assess special patient or system considerations (Step 4) based on CDC 2011 Guidelines for the Field Triage of Injured Patients Step 3 and 4.	NEMSIS
Website - http://www.cdc.gov/mmwr/pdf/rr/rr6101.pdf	NEMSIS
Added to better evaluate the CDC-ACS 2011 Guidelines for the Field Triage of Injured Patients.	Version 3 Changes
Website - http://www.cdc.gov/mmwr/pdf/rr/rr6101.pdf	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	Yes
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Destination Team Pre-Arrival Alert or Activation

Definition

Indication that an alert (or activation) was called by EMS to the appropriate destination healthcare facility team. The alert (or activation) should occur prior to the EMS Unit arrival at the destination with the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4224001	No	FV	4224003	Yes-Adult Trauma	FV
4224005	Yes-Cardiac Arrest	FV	4224007	Yes-Obstetrics	FV
4224009	Yes-Other	FV	4224011	Yes-Pediatric Trauma	FV
4224013	Yes-STEMI	FV	4224015	Yes-Stroke	FV
4224017	Yes-Trauma (General)	FV	4224019	Yes-Sepsis	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

Business Rules

ID	Business Rule
929	Destination Team Pre-Arrival Activation (eDisposition.24) cannot equal "Not Applicable" when Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit (This Crew Only)" or Transport Disposition (eDisposition.30) has a value of "Transport by This EMS Unit, with a Member of Another Crew".
646	Destination Team Pre-Arrival Activation must have a value of either No or Yes - Stroke when Provider's Primary Impression (eSituation.11) has a value of 'I62.9' or 'I63.9'.
648	Destination Team Pre-Arrival Activation must have a value of either No or Yes - Stroke when Provider's Secondary Impression (eSituation.12) has a value of 'I62.9' or 'I63.9'.
650	Destination Team Pre-Arrival Activation must have a value of either No or Yes - Stroke when Stroke Scale Score (eVitals.29) has a value of 'Negative' or "Positive" or "Non-Conclusive".
653	Destination Team Pre-Arrival Activation must have a value of either No or Yes - STEMI when Provider's Primary Impression (eSituation.11) has a value of 'I21.0' or 'I21.1' or 'I21.2' or 'I21.3' or 'I21.4'.
658	Destination Team Pre-Arrival Activation must have a value of either No or Yes - STEMI when Provider's Secondary Impression (eSituation.12) has a value of 'I21.0' or 'I21.1' or 'I21.2' or 'I21.3' or 'I21.4'.
663	Destination Team Pre-Arrival Activation must have a value of either No or Yes - STEMI when Cardiac Rhythm/Electrocardiography (ECG) (eVitals.03) has a value of 'STEMI Anterior Ischemia' or 'STEMI Inferior Ischemia' or 'STEMI Lateral Ischemia' or 'STEMI Posterior Ischemia'.
667	Destination Team Pre-Arrival Activation must have a value of either No or Yes - Trauma (Pediatric, Adult or General) when Possible Injury (eSituation.02) has a value of 'Yes'.

Additional Information

Comment

Comment Type

Added to better document performance measure for acute time dependent illness and injury systems of care.

Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Date/Time of Destination Prearrival Alert or Activation

Definition

The Date/Time EMS alerted, notified, or activated the Destination Healthcare Facility prior to EMS arrival. The EMS assessment identified the patient as acutely ill or injured based on exam and possibly specified alert criteria.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS
Added to better document performance measure for acute time dependent illness and injury systems of care.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Alert No Type

Definition

The alert type that 'No' was selected for.

Field Values

Code	Code Description	Type	Code	Code Description	Type
ant101	No - Adult Trauma	FL	ant102	No - Cardiac Arrest	FL
ant103	No - Obstetrics	FL	ant104	No - Other	FL
ant105	No - Pediatric Trauma	FL	ant106	No - STEMI	FL
ant107	No - Stroke	FL			

Business Rules

ID Business Rule

668 Alert No Type must have a value selected when Destination Team Pre-Arrival Activation (eDisposition.24) has a value of 'No'.

1204 When eCustomResults.02 has a Value "ceAlertNoType" Then eCustomResults.01 must have florida ceAlertNotype Value

Additional Information

Comment Comment Type

Extends the No value of Destination Team Pre-Arrival Activation (eDisposition.24). Vendor Guidance

Specifies "No" for the type of Alert that was not called when criteria for an alert is met. Vendor Guidance

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



ceStemiAlertExclusion

STEMI Alert Exclusion Criteria

Definition

The reason that a STEMI alert was not called for the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
stemi101	Symptom Onset Out of Treatment Window	FL	stemi102	Pregnancy	FL
stemi103	Prolonged CPR	FL	stemi104	Medical History	FL
stemi105	Surgical History	FL	stemi106	Hypertension	FL
stemi107	Age	FL	stemi108	Other - Not Listed	FL

Business Rules

ID Business Rule

669 There must be at least one value selection from 'STEMI Alert Exclusion Criteria' when 'Alert No Type' has a value of 'No - STEMI'.

1206 When eCustomResults.02 has a Value "ceStemiAlertExclusion" Then eCustomResults.01 must have florida ceStemiAlertExclusion Value

Additional Information

Comment

Comment Type

The reason why a STEMI Alert was not called when the criteria has been met.

Florida

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



ceStrokeAlertExclusion

Stroke Alert Exclusion

Definition

The reason that a Stroke alert was not called for the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
stroke101	Symptom Onset/Last Seen Normal of Treatment	FL	stroke102	Potential Subarachnoid Hemorrhage	FL
stroke103	Pregnancy	FL	stroke104	Seizure at Onset of Stroke symptoms	FL
stroke105	Minor Symptoms or Rapid Improvements	FL	stroke106	Glucose < 50 or > 400 mg/dL	FL
stroke107	Traumatic Event at Onset	FL	stroke108	Medical History	FL
stroke109	Surgical History	FL	stroke110	Hypertension	FL
stroke111	Age	FL	stroke112	Exam Finding is not Present	FL

Business Rules

ID	Business Rule
670	There must be at least one value selection from 'Stroke Alert Exclusion Criteria when 'Alert No Type' has a value of 'No - Stroke'.
1207	When eCustomResults.02 has a Value "ceStrokeAlertExclusion" Then eCustomResults.01 must have florida ceStrokeAlertExclusion Value

Additional Information

Comment	Comment Type
Specifies the reason why a Stroke Alert was not called when criteria was met.	Florida

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



ceTraumaAlertType

Trauma Alert Type

Definition

The classification of the trauma alert called.

Field Values

Code	Code Description	Type	Code	Code Description	Type
ctat101	Red	FL	ctat102	Blue	FL
ctat103	EMT/Paramedic Judgement	FL	ctat104	Local Agency/Medical Director Criteria	FL
ctat105	GCS <= 12	FL			

Business Rules

ID Business Rule

719 Trauma Alert Type must be selected when Destination Team Pre-Arrival Activation has a value of 'Yes - Adult Trauma' or 'Yes - Pediatric Trauma' or 'Yes - Trauma(General).

1212 When eCustomResults.02 has a Value "ceTraumaAlertType" Then eCustomResults.01 must have florida ceTraumaAlertType Value

Additional Information

Comment	Comment Type
This element further expands on Adult and Pediatric Trauma Alert Values in Destination Team Pre-Arrival Activation (eDisposition.24).	Vendor Guidance
Whenever a trauma alert is called, the classification must be selected.	Florida
The EMT or paramedic shall assess the condition of those injured persons for the presence of at least one of the following three criteria to determine whether to transport as a trauma alert.	Florida
Adult Trauma Alert are for persons with the anatomical and physiological characteristics of a person sixteen (16) years of age or older.	Florida
Pediatric Trauma Alert are for those injured persons with anatomical and physical characteristics of a person fifteen (15) years of age or younger.	Florida

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage			Correlation ID	No
Total Digits		XML Usage			Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Adult Trauma Alert - Red

Definition

This is the primary or first trauma alert assessment criteria for the adult injured patient. Any ONE (1) of these criteria constitutes a trauma alert.

Field Values

Code	Code Description	Type	Code	Code Description	Type
50000	2nd or 3rd Degree burns >= 15% TBSA	FL	50010	Active Airway Assistance (Anything more than Oxygen Administration)	FL
50020	Amputation proximal to the wrist or ankle	FL	50030	Any penetrating injury to head, neck or torso	FL
50060	Fracture of two or More Long Bones	FL	50080	Heart rate > 120 with lack of radial pulse	FL
50081	Blood Pressure < 90 mmHG	FL	50110	Suspicion of Spinal Cord Injury	FL
50111	Loss of sensation	FL	50112	Presence of paralysis	FL
50113	Best motor response <= 4	FL			

Business Rules

ID Business Rule

714 Adult Trauma Alert - Red must have one value selected when Trauma Alert Type has a value of Red.

1213 When eCustomResults.02 has a Value "ceAdultRed" Then eCustomResults.01 must have florida ceAdultRed Value

Additional Information

Comment	Comment Type
This is intended for the Primary reason a Red Adult Trauma alert was called even if there is more than one applicable.	Florida
RED = any one (1) transport as a trauma alert	Florida
Airway assistance includes manual jaw thrust, continuous suctioning, or use of other adjuncts to assist ventilatory efforts.	Florida
Altered mental states include drowsiness, lethargy, inability to follow commands, unresponsiveness to voice, totally unresponsive.	Florida
Crushed, Major degloving injures, mangled extremity or deep flap avulsion (>5 in.)	Florida
Excluding superficial wounds in which the depth of the wound can be determined	Florida
Long bone fracture sites are defined as the (1) shaft of the humerus, (2) radius and ulna, (3) femur, (4) tibia and fibula. Long bone fractures do not include isolated wrist or ankle fractures or dislocations.	Florida
Vehicle Telemetry Data when available will be relayed to dispatch; the data can assist in predicting potential serious injuries from the data collected at the time of the crash.	Florida

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Adult Trauma Alert - Blue

Definition

This is the secondary or second trauma alert assessment criteria for the adult injured patient. Any TWO (2) of these criteria constitutes a trauma alert.

Field Values

Code	Code Description	Type	Code	Code Description	Type
60020	Ejection from Automobile (Partial or Complete)	FL	60021	Driver of vehicle that impacted and bent steering wheel	FL
60090	Single Long Bone Fracture site due to Motor Vehicle Collision	FL	60091	Single long bone fracture as a result of a fall of 10 feet or greater	FL
60101	Major degloving injury	FL	60102	Major flap avulsion > 5 inches	FL
60103	Gunshot wound to the extremities	FL	60120	Respiratory rate >= 30	FL
60130	Sustained heart rate >= 120 beats per minute	FL	60140	Best motor response = 5	FL
60150	Patient is 55 years or older	FL			

Business Rules

ID Business Rule

715 Adult Trauma Alert - Blue must have two values selected when Trauma Alert Type has a value of Blue.

1214 When eCustomResults.02 has a Value "ceAdultBlue" Then eCustomResults.01 must have florida ceAdultBlue Value

Additional Information

Comment	Comment Type
This field captures the combination of two reasons that constitutes an Adult Blue Trauma Alert.	Florida
BLUE = any two (2) - transport as a trauma alert	Florida

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Pediatric Trauma Alert - Red

Definition

This is the primary or first trauma alert assessment criteria for the pediatric injured patient. Any ONE (1) of these criteria constitutes a trauma alert.

Field Values

Code	Code Description	Type	Code	Code Description	Type
50301	Intubation	FL	50302	Manually Opened Airway	FL
50303	Continuous Suctioning	FL	50304	Other Adjuncts	FL
50311	Altered Mental Status	FL	50312	Paralysis	FL
50313	Suspicion of Spinal Cord Injury	FL	50314	Loss of Sensation	FL
50321	Faint/Non-Palpable Radial/Femoral Pulse	FL	50322	Systolic BP < 50 mm/hg	FL
50331	Open Long Bone Fracture	FL	50332	Multiple Fracture/Dislocation Sites	FL
50341	Major Degloving/Flap Avulsion Injury	FL	50342	2nd/3rd Degree Burns TBSA > 10%	FL
50343	Amputation at or proximal to wrist/ankle	FL	50344	Penetrating Injury to Head, Neck or Torso	FL

Business Rules

ID Business Rule

716 Pediatric Trauma Alert - Red must have one value selected when Trauma Alert Type has a value of Red.

1215 When eCustomResults.02 has a Value "cePedRed" Then eCustomResults.01 must have florida cePedRed Value

Additional Information

Comment

Comment Type

This is intended for the Primary reason a Red Pediatric Trauma alert was called even if there is more than one applicable.

Florida

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Pediatric Trauma Alert - Blue

Definition

This is the secondary or second trauma alert assessment criteria for the pediatric injured patient. Any TWO (2) of these criteria constitutes a trauma alert.

Field Values

Code	Code Description	Type	Code	Code Description	Type
50401	Amnesia	FL	50402	Loss of consciousness	FL
50411	Positive Carotid/Femoral pulse & Negative Radial/Pedel pulse	FL	50412	Systolic BP < 90 mm/hg	FL
50420	Fracture (Single Closed Long Bone)	FL	50431	11 Kg or less	FL
50432	33 inches or less	FL			

Business Rules

ID Business Rule

717 Pediatric Trauma Alert - Blue must have two values selected when Trauma Alert Type has a value of Blue.

1226 When eCustomResults.02 has a Value "cePedBlue" Then eCustomResults.01 must have florida cePedBlue Value

Additional Information

Comment

Comment Type

This field captures the combination of two reasons that constitutes a Pediatric Blue Trauma Alert.

Florida

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



ceStrokeAssessmentDateTime

Stroke Assessment Date Time

Definition

The date/time that the stroke assessment was conducted.

No Field Values

Business Rules

ID Business Rule

671 Stroke Assessment Date/Time must be provided each time Provider's Primary Impression (eSituation.11) has a value of 'I62.9' or 'I63.9'.

673 Stroke Assessment Date/Time must be provided each time Provider's Secondary Impression (eSituation.12) has a value of 'I62.9' or 'I63.9'.

675 Stroke Assessment Date/Time must be provided each time Stroke Scale Score (eVitals.29) has a value of 'Negative' or 'Non-Conclusive' or 'Positive'.

Additional Information

Comment

Comment Type

Part of the Stroke Assessment Group

Vendor Guidance

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	datetime	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Stroke Mental Status

Definition

A mental assessment of potential clinical findings related to level of consciousness, speech, and orientation of a stroke patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
sms101	Altered Level of Consciousness	FL	sms102	Aphasic	FL
sms103	Disoriented to Person, Place, or Time	FL	sms104	Unable to follow commands	FL
sms105	Exam Finding is not Present	FL	sms106	Refuse	FL
sms107	Not Able to Complete	FL			

Business Rules

ID	Business Rule
692	Stroke Mental Status must be completed each time Provider's Primary Impression (eSituation.11) has a value of 'I62.9' or 'I63.9'.
694	Stroke Mental Status must be completed each time Provider's Secondary Impression (eSituation.12) has a value of 'I62.9' or 'I63.9'.
696	Stroke Mental Status must be completed each time Stroke Scale Score (eVitals.29) has a value of 'Negative' or 'Positive' or 'Non - Conclusive'.
1210	When eCustomResults.02 has a Value "ceStrokeMentalStatus" Then eCustomResults.01 must have florida ceStrokeMentalStatus Value

Additional Information

Comment	Comment Type
Part of the Stroke Assessment Group	Vendor Guidance

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Stroke Nervous System Assessment

Definition

A mental assess of potential clinical findings related to a patient cranial nerve functions.

Field Values

Code	Code Description	Type	Code	Code Description	Type
snsa101	Left-sided facial droop	FL	snsa102	Right-sided facial droop	FL
snsa103	Left-sided decrease in visual fields	FL	snsa104	Right-sided decrease in visual fields	FL
snsa105	Abnormal Horizontal Gaze	FL	snsa106	Exam Finding is not Present	FL
snsa107	Refuse	FL	snsa108	Not Able to Complete	FL

Business Rules

ID	Business Rule
699	Stroke Nervous System Assessment must be completed each time Provider's Primary Impression (eSituation.11) has a value of 'I62.9' or 'I63.9'.
701	Stroke Nervous System Assessment must be completed each time Provider's Secondary Impression (eSituation.12) has a value of 'I62.9' or 'I63.9'.
703	Stroke Nervous System Assessment must be completed each time Stroke Scale Score (eVitals.29) has a value of 'Negative' or 'Positive' or 'Non - Conclusive'.
1211	When eCustomResults.02 has a Value "ceStrokeNervousSystem" Then eCustomResults.01 must have florida ceStrokeNervousSystem Value

Additional Information

Comment

Part of the Stroke Assessment Group

Comment Type

Vendor Guidance

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Stroke Open Eye Limb Assessment

Definition

An assessment of potential clinical findings related to a patient motor, sensory, and coordination of their upper and lower extremities while eyes remain open.

Field Values

Code	Code Description	Type	Code	Code Description	Type
soe101	Right-Sided Arm Drift	FL	soe102	Left-Sided Arm Drift	FL
soe103	Right-Sided Leg Drift	FL	soe104	Left-Sided Leg Drift	FL
soe105	Decreased Right Arm Sensory	FL	soe106	Decreased Left Arm Sensory	FL
soe107	Decreased Right Leg Sensory	FL	soe108	Decreased Left Leg Sensory	FL
soe109	Decreased Right Arm Coordination	FL	soe110	Decreased Left Arm Coordination	FL
soe111	Decreased Right Leg Coordination	FL	soe112	Decreased Left Leg Coordination	FL
soe113	Exam Finding is not Present	FL	soe114	Refuse	FL
soe115	Not Able to Complete	FL			

Business Rules

ID	Business Rule
706	Stroke Open Eye Limb Assessment must be completed each time Provider's Primary Impression (eSituation.11) has a value of 'I62.9' or 'I63.9'.
708	Stroke Open Eye Limb Assessment must be completed each time Provider's Secondary Impression (eSituation.12) has a value of 'I62.9' or 'I63.9'.
710	Stroke Open Eye Limb Assessment must be completed each time Stroke Scale Score (eVitals.29) has a value of 'Negative' or 'Positive' or 'Non - Conclusive'.
1208	When eCustomResults.02 has a Value "ceStrokeOpenEye" Then eCustomResults.01 must have florida ceStrokeOpenEye Value

Additional Information

Comment	Comment Type
Part of the Stroke Assessment Group	Vendor Guidance

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Stroke Closed Eye Limb Assessment

Definition

An assessment of potential clinical findings related to a patient motor, sensory, and coordination of their upper and lower extremities while eyes remain closed.

Field Values

Code	Code Description	Type	Code	Code Description	Type
sce101	Right-Sided Arm Drift	FL	sce102	Left-Sided Arm Drift	FL
sce103	Right-Sided Leg Drift	FL	sce104	Left-Sided Leg Drift	FL
sce105	Decrease Right Arm Sensory	FL	sce106	Decrease Left Arm Sensory	FL
sce107	Decrease Right Leg Sensory	FL	sce108	Decrease Left Leg Sensory	FL
sce109	Decrease Right Arm Coordination	FL	sce110	Decrease Left Arm Coordination	FL
sce111	Decrease Right Leg Coordination	FL	sce112	Decrease Left Leg Coordination	FL
sce113	Exam Finding is not Present	FL	sce114	Refuse	FL
sce115	Not Able to Complete	FL			

Business Rules

ID	Business Rule
685	Stroke Closed Eye Limb Assessment must be completed each time Provider's Primary Impression (eSituation.11) has a value of 'I62.9' or 'I63.9'.
687	Stroke Closed Eye Limb Assessment must be completed each time Provider's Secondary Impression (eSituation.12) has a value of 'I62.9' or 'I63.9'.
689	Stroke Closed Eye Limb Assessment must be completed each time Stroke Scale Score (eVitals.29) has a value of 'Negative' or 'Positive' or 'Non - Conclusive'.
1209	When eCustomResults.02 has a Value "ceStrokeClosedEye" Then eCustomResults.01 must have florida ceStrokeClosedEye Value

Additional Information

Comment	Comment Type
Part of the Stroke Assessment Group	Vendor Guidance

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Unit Canceled Date/Time

Definition

The date/time the unit was canceled.

No Field Values

Business Rules

ID	Business Rule
537	Unit Canceled Date/Time (eTimes.14) must have a date/time when Unit Disposition (eDisposition.27) has a value of "Cancelled Prior to Arrival at Scene" or "No Patient Contact" or "No Patient Found" or "Canceled on Scene".
551	Unit Canceled Date/Time (eTimes.14) must be less than or equal to Back in Service Date/Time (eTimes.13)

Additional Information

Comment	Comment Type
This date/time is to be documented if the unit went en route but neither arrived on scene nor made patient contact.	NEMSIS
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1950-01-01T00:00:00-00:00	Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Unit Back in Service Date/Time

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).

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min	1950-01-01T00:00:00-00:00	Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Unit Back at Home Location Date/Time

Definition

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

No Field Values

No Business Rules

Additional Information

Comment	Comment Type
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	datetime	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Ending Odometer Reading of Responding Vehicle

Definition

If using a counter, this is the mileage traveled beginning with dispatch through the transport of the patient to their destination and ending when back in service, starting from 0. If EMS vehicle/unit is via water or air travel document the number in "hours" as it relates to the documentation of boat, Fixed Wing, or Rotor Craft in eDisposition.16

No Field Values

Business Rules

ID Business Rule

541 Ending Odometer Reading of Responding Vehicle (eResponse.22) has value then Beginning Odometer Reading of Responding Vehicle (eResponse.19) need to be recorded.

640 Ending Odometer Reading of Responding Vehicle (eResponse.22) must be submitted when Beginning Odometer Reading of Responding Vehicle (eResponse.19) is entered.

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	decimal	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits	8	XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits	2				Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Type of Turn-Around Delay

Definition

The turn-around delays, if any, of EMS unit associated with the EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
2212001	Clean-up	FV	2212003	Decontamination	FV
2212005	Distance	FV	2212007	Documentation	FV
2212009	ED Overcrowding / Transfer of Care	FV	2212011	Equipment Failure	FV
2212013	Equipment/Supply Replenishment	FV	2212015	None/No Delay	FV
2212017	Other	FV	2212019	Rendezvous Transport Unavailable	FV
2212021	Route Obstruction (e.g., Train)	FV	2212023	Staff Delay	FV
2212025	Traffic	FV	2212027	Vehicle Crash of this Unit	FV
2212029	Vehicle Failure of this Unit	FV	2212031	Weather	FV
2212033	EMS Crew Accompanies Patient for Facility Procedure	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID	Business Rule
540	Type of Turn-Around Delay (eResponse.12) cannot equal "Not Applicable".

Additional Information

Comment	Comment Type
Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc. to return to service.	NEMSIS
If a patient is being transported by the unit, turn-around delay is any time delay that occurs from the time the patient arrived at the destination (eTimes.11) until the time the unit is back in service (eTimes.13) or unit back at the home location (eTimes.15) [whichever is the greater of the two times].	NEMSIS
If no patient is being transported by the unit, turn-around delay is any time delay that occurs from the time the unit arrived on scene (eTimes.06) until the unit is back in service (eTimes.13) or the unit back at the home location (eTimes.15) [whichever is the greater of the two times].	NEMSIS

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	1:M	One-To-Many
Florida Usage	C	Conditional
NEMSIS Usage	R	Required
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	Yes
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No

Personal Protective Equipment Used

Definition

The personal protective equipment which was used by EMS personnel during this EMS patient contact.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4503001	Eye Protection	FV	4503003	Gloves	FV
4503005	Helmet	FV	4503007	Level A Suit	FV
4503009	Level B Suit	FV	4503011	Level C Suit	FV
4503013	Level D Suit (Turn out gear)	FV	4503015	Mask-N95	FV
4503017	Mask-Surgical (Non-Fitted)	FV	4503019	Other	FV
4503021	PAPR	FV	4503023	Reflective Vest	FV

Business Rules

ID Business Rule

1216 When eCustomResults.02 has a Value "eOther.03" Then eCustomResults.01 must have florida eOther.03 Value

No Comments

XSD Data Specification

Data Type	integer
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:M	Zero-To-Many
Florida Usage	O	Optional
NEMSIS Usage	O	Optional
XML Usage	O	Optional

Attributes

Not Values (NV)	No
Pertinent Negatives (PN)	No
Correlation ID	Yes
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



EMS Professional (Crew Member) ID

Definition

The ID number of the EMS Crew Member associated with eOther.03, eOther.05, eOther.06.

No Field Values

No Business Rules

Additional Information

Comment

Comment Type

Added to allow documentation of PPE and work related health and safety down to the individual level within each EMS crew.

NEMSIS

Added to better document EMS workplace health and safety issues.

Version 3 Changes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min	2	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	50	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Suspected EMS Work Related Exposure, Injury, or Death

Definition

Indication of an EMS work related exposure, injury, or death associated with this EMS event.

Field Values

Code	Code Description	Type	Code	Code Description	Type
9923001	No	FV	9923003	Yes	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
Associated with eOther.04 (EMS Professional (Crew Member) ID)	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Emergency Department Disposition

Definition

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

Field Values

Code	Code Description	Type	Code	Code Description	Type
01	Discharged to home or self care (routine discharge)	FV	02	Discharged/transferred to another short term general hospital for inpatient care	FV
03	Discharged/transferred to a skilled nursing facility (SNF)	FV	04	Discharged/transferred to an intermediate care facility (ICF)	FV
05	Discharged/transferred to another type of institution not defined elsewhere in this code list	FV	06	Discharged/transferred to home under care of organized home health service organization in anticipation of covered skills care	FV
07	Left against medical advice or discontinued care	FV	09	Admitted as an inpatient to this hospital.	FV
20	Deceased/Expired (or did not recover - Religious Non Medical Health Care Patient)	FV	21	Discharged/transferred to court/law enforcement	FV
30	Still a patient or expected to return for outpatient services.	FV	43	Discharged/transferred to a Federal Health Care Facility (e.g., VA or federal health care facility)	FV
50	Discharged/transferred to Hospice - home.	FV	51	Discharged/transferred to Hospice - medical facility	FV
61	Discharged/transferred within this institution to a hospital based Medicare approved swing bed.	FV	62	Discharged/transferred to a inpatient rehabilitation facility including distinct part units of a hospital.	FV
63	Discharged/transferred to long term care hospitals	FV	64	Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare	FV
65	Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital.	FV	66	Discharged/transferred to a Critical Access Hospital (CAH).	FV
70	Discharged/transferred to another type of health care institution not defined elsewhere in the code list.	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
The list of values and codes is based on and in compliance with the Medicare Claims Processing Manual Chapter 25 Completing and Processing the Form CMS-1450 Data Set, referencing the Uniform Bill - Form CMS-1450 (UB-04) and the	NEMSIS
FL 17 - Patient Discharge Status Required. (For all Part A inpatient, SNF, hospice, home health agency (HHA) and outpatient hospital services.)	NEMSIS
This code indicates the patient's status as of the "Through" date of the billing period (FL 6).	NEMSIS
https://www.cms.gov/Regulations-and-Guidance/Guidance/Transmittals/downloads/R1104CP.pdf Search for: "FL 17 - Patient Status"	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No

Close Out

Fraction Digits	
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Patterns	
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eOutcome.01 Emergency Department Disposition

Phone (PH)	No
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Email (EM)	No
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Distance (DU)	No
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Hospital Disposition

Definition

The known disposition of the patient from the hospital, if admitted.

Field Values

Code	Code Description	Type	Code	Code Description	Type
01	Discharged to home or self care (routine discharge)	FV	02	Discharged/transferred to another short term general hospital for inpatient care	FV
03	Discharged/transferred to a skilled nursing facility (SNF)	FV	04	Discharged/transferred to an intermediate care facility (ICF)	FV
05	Discharged/transferred to another type of institution not defined elsewhere in this code list	FV	06	Discharged/transferred to home under care of organized home health service organization in anticipation of covered skills care	FV
07	Left against medical advice or discontinued care	FV	20	Deceased/Expired (or did not recover - Religious Non Medical Health Care Patient)	FV
21	Discharged/transferred to court/law enforcement	FV	30	Still a patient or expected to return for outpatient services.	FV
43	Discharged/transferred to a Federal Health Care Facility (e.g., VA or federal health care facility)	FV	50	Discharged/transferred to Hospice - home.	FV
51	Discharged/transferred to Hospice - medical facility	FV	61	Discharged/transferred within this institution to a hospital based Medicare approved swing bed.	FV
62	Discharged/transferred to a inpatient rehabilitation facility including distinct part units of a hospital.	FV	63	Discharged/transferred to long term care hospitals	FV
64	Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare	FV	65	Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital.	FV
66	Discharged/transferred to a Critical Access Hospital (CAH).	FV	70	Discharged/transferred to another type of health care institution not defined elsewhere in the code list.	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
The list of values and codes is based on and in compliance with the Medicare Claims Processing Manual Chapter 25 Completing and Processing the Form CMS-1450 Data Set, referencing the Uniform Bill - Form CMS-1450 (UB-04) and the	NEMSIS
FL 17 - Patient Discharge Status Required. (For all Part A inpatient, SNF, hospice, home health agency (HHA) and outpatient hospital services.)	NEMSIS
This code indicates the patient's status as of the "Through" date of the billing period (FL 6).	NEMSIS
Codes are available from Medicare contractors and the National Uniform Billing company (NUBC_ (www.nubc.org) via the NUBC's Official UB-04 Data Specifications Manual.	NEMSIS
Contractor site, Knowledge Trek: http://www.ub04.net/downloads/Medicare_Pub_Ch_25.pdf Please reference the section "FL 17 - Patient Status" found on page 23-25 of 126.	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No

Close Out

Total Digits		XML Usage	R	Required
Fraction Digits				
Patterns				

eOutcome.02 Hospital Disposition

Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Unit Disposition

Definition

The patient disposition for an EMS event identifying whether patient contact was made.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4227001	Patient Contact Made	FV	4227003	Cancelled on Scene	FV
4227005	Cancelled Prior to Arrival at Scene	FV	4227007	No Patient Contact	FV
4227009	No Patient Found	FV	4227011	Non-Patient Incident (Not Otherwise Listed)	FV

No Business Rules

Additional Information

Comment	Comment Type
Grouped with Patient and Incident Dispositions.	NEMSIS
Who provided care or services is defined in Incident Disposition.	NEMSIS
Element added with the release of v3.5.0	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	No
Min		Florida Usage	M	Mandatory	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	M	Mandatory	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Patient Evaluation/Care

Definition

The patient disposition for an EMS event identifying whether a patient was evaluated and care or services were provided.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4228001	Patient Evaluated and Care Provided	FV	4228003	Patient Evaluated and Refused Care	FV
4228005	Patient Evaluated, No Care Required	FV	4228007	Patient Refused Evaluation/Care	FV
4228009	Patient Support Services Provided	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
Grouped with Patient and Incident Dispositions.	NEMSIS
Who provided care or services is defined in Incident Disposition.	NEMSIS
Element added with the release of v3.5.0	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Crew Disposition

Definition

The crew disposition for this EMS event identifying which crew provided primary patient care or whether support services were required.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4229001	Initiated and Continued Primary Care	FV	4229003	Initiated Primary Care and Transferred to Another EMS Crew	FV
4229005	Provided Care Supporting Primary EMS Crew	FV	4229007	Assumed Primary Care from Another EMS Crew	FV
4229009	Incident Support Services Provided (Including Standby)	FV	4229011	Back in Service, No Care/Support Services Required	FV
4229013	Back in Service, Care/Support Services Refused	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
Grouped with Patient and Incident Dispositions.	NEMSIS
Depending on context of the Value, "Unit" could be Vehicle or Service/Agency.	NEMSIS
Element added with the release of v3.5.0	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Transport Disposition

Definition

The transport disposition for an EMS event identifying whether a transport occurred and by which unit.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4230001	Transport by This EMS Unit (This Crew Only)	FV	4230003	Transport by This EMS Unit, with a Member of Another Crew	FV
4230005	Transport by Another EMS Unit	FV	4230007	Transport by Another EMS Unit, with a Member of This Crew	FV
4230009	Patient Refused Transport	FV	4230011	Non-Patient Transport (Not Otherwise Listed)	FV
4230013	No Transport	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

Business Rules

ID Business Rule

- 1130 When Transport Disposition (eDisposition.30) has a value "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" then Patient Arrived at Destination Date/Time (eTimes.11) should have a value recorded.
- 1134 When Transport Disposition (eDisposition.30) has a value "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" then Destination Patient Transfer of Care Date/Time (eTimes.12) should have a value recorded.
- 1138 When Transport Disposition (eDisposition.30) has a value "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" then Primary Method of Payment (ePayment.01) should have a value recorded.
- 1144 When Transport Disposition (eDisposition.30) is "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" and Cardiac Arrest (eArrest.01) is "Yes, Prior to Any EMS Arrival (includes Transport EMS & Medical First Responders)" or "Yes, After Any EMS Arrival (includes Transport EMS & Medical First Responders)" then Cardiac Rhythm on Arrival at Destination (eArrest.17) should have a value recorded.
- 1150 When Transport Disposition (eDisposition.30) is "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" then Destination State (eDisposition.05) should have a value recorded.
- 1154 When Transport Disposition (eDisposition.30) is "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" then Destination County (eDisposition.06) should have a value recorded.
- 1158 When Transport Disposition (eDisposition.30) is "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" then Destination ZIP Code (eDisposition.07) should have a value recorded.
- 1162 When Transport Disposition (eDisposition.30) is "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" then EMS Transport Method (eDisposition.16) should have a value recorded.
- 1168 When Transport Disposition (eDisposition.30) is "Non-Patient Transport (Not Otherwise Listed)" then EMS Transport Method (eDisposition.16) should be recorded.
- 1171 When Transport Disposition (eDisposition.30) is "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" then Transport Mode from Scene (eDisposition.17) should be recorded.
- 1177 When Transport Disposition (eDisposition.30) is "Non-Patient Transport (Not Otherwise Listed)" then Transport Mode from Scene (eDisposition.17) should be recorded.
- 1180 When Transport Disposition (eDisposition.30) is "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" then Reason for Choosing Destination (eDisposition.20) then should be recorded.
- 1184 When Transport Disposition (eDisposition.30) is "Transport by This EMS Unit, with a Member of Another Crew" or "Transport by Another EMS Unit, with a Member of This Crew" then Type of Destination (eDisposition.21) should be recorded.

Additional Information

Comment

Comment Type

Grouped with Patient and Incident Dispositions.

NEMESIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Reason for Refusal/Release

Definition

Describes reason(s) for the patient's refusal of care/transport OR the EMS clinician's decision to release the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4231001	Against Medical Advice	FV	4231003	Patient/Guardian Indicates Ambulance Transport is Not Necessary	FV
4231005	Released Following Protocol Guidelines	FV	4231007	Released to Law Enforcement	FV
4231009	Patient/Guardian States Intent to Transport by Other Means	FV	4231011	DNR	FV
4231013	Medical/Physician Orders for Life Sustaining Treatment	FV	4231015	Other, Not Listed	FV

No Business Rules

Additional Information

Comment	Comment Type
This works in combination with the dispositions and signatures to provide general categories for the patient refusal.	NEMSIS
Specific legal refusal language should be developed by the agency's legal counsel and provided to the patient or guardian upon refusal per local policies.	NEMSIS
Element added with the release of v3.5.0	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	integer	Recurrence	0:M	Zero-To-Many	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Level of Care Provided per Protocol

Definition

The general level of care provided to this patient as defined per provider level in local EMS protocols or clinical guidelines.

Field Values

Code	Code Description	Type	Code	Code Description	Type
4232001	BLS - All Levels	FV	4232003	ALS - AEMT/Intermediate	FV
4232005	ALS - Paramedic	FV	4232007	EMS and Other Health-Care Staff	FV
4232009	Critical Care	FV	4232011	Integrated Health Care	FV
4232013	No Care Provided	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

Additional Information

Comment	Comment Type
The level of care should be defined by the situation, medications, and procedures provided to the patient based on what is allowed in the local EMS protocols.	NEMSIS
This definition can vary between regions; what may be allowed for BLS providers in one region may be considered ALS care in another.	NEMSIS
This is not a reflection of the provider levels providing care, but the actual care given-for example, BLS care provided by a paramedic would be entered as "BLS".	NEMSIS
This element benefits reviews of performance, resource demand and utilization, and reimbursement coding.	NEMSIS
Element added with the release of v3.5.0	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



File Attachment Name

Definition

The name of the attached file.

No Field Values

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	255	NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Emergency Department Procedures

Definition

The procedures performed on the patient during the emergency department visit.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
ICD-10-PCS has a seven character alphanumeric code structure. Each character contains up to 34 possible values. Each value represents a specific option for the general character definition (e.g., stomach is one of the values for the body part character).	NEMSIS
The ten digits 0-9 and the 24 letters A-H, J-N and P-Z may be used in each character. The letters O and I are not used in order to avoid confusion with the digits 0 and 1.	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS
Added to better evaluate EMS care.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9A-HJ-NP-Z]{3,7}				Email (EM)	No
					Distance (DU)	No



Emergency Department Diagnosis

Definition

The practitioner's description of the condition or problem for which Emergency Department services were provided.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
Code list is represented in ICD-10-CM: Diagnosis Codes.	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Added to better evaluate EMS care.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[A-Z][0-9][0-9A-Z](\.[0-9A-Z]{1,4})?				Email (EM)	No
					Distance (DU)	No



Date/Time of Hospital Admission

Definition

The date and time the patient was admitted to the hospital.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS
Added to better evaluate EMS care.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	datetime	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Hospital Procedures

Definition

Hospital Procedures performed on the patient during the hospital admission.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
ICD-10-PCS has a seven character alphanumeric code structure. Each character contains up to 34 possible values. Each value represents a specific option for the general character definition (e.g., stomach is one of the values for the body part character).	NEMSIS
The ten digits 0-9 and the 24 letters A-H, J-N and P-Z may be used in each character. The letters O and I are not used in order to avoid confusion with the digits 0 and 1.	NEMSIS
Website - http://uts.nlm.nih.gov	NEMSIS
Product - UMLS Metathesaurus	NEMSIS
Added to better evaluate EMS care.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

Data Type	string	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9A-HJ-NP-Z]{3,7}				Email (EM)	No
					Distance (DU)	No



Hospital Diagnosis

Definition

The hospital diagnosis of the patient associated with the hospital admission.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
Code list is represented in ICD-10-CM: Diagnosis Codes.	NEMSIS
Website - http://uts.nlm.nih.gov	
Product - UMLS Metathesaurus	
Added to better evaluate EMS care.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	R	Required	Correlation ID	Yes
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[A-Z][0-9][0-9A-Z](\.[0-9A-Z]{1,4})?				Email (EM)	No
					Distance (DU)	No

Date/Time of Hospital Discharge

Definition

The date the patient was discharged from the hospital.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS
Added to better measure patient outcome.	Version 3 Changes

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	datetime	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Date/Time of Emergency Department Admission

Definition

The date and time the patient was admitted to the emergency department.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No

Date/Time Emergency Department Procedure Performed

Definition

The date/time the emergency department procedure was performed on the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
Date/Time consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

Data Type	datatype	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No

Date/Time Hospital Procedure Performed

Definition

The date/time the hospital procedure was performed on the patient.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

Additional Information

Comment	Comment Type
DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzz)	NEMSIS
yyyy - a four-digit numeral that represents the year	NEMSIS
'-' - separators between parts of the date portion	NEMSIS
mm - a two-digit numeral that represents the month	NEMSIS
dd - a two-digit numeral that represents the day	NEMSIS
T - separator that indicates time-of-day follows	NEMSIS
hh - a two-digit numeral that represents the hour	NEMSIS
':' - a separator between parts of the time-of-day portion	NEMSIS
mm - a two-digit numeral that represents the minute	NEMSIS
ss - a two-integer-digit numeral that represents the whole seconds	NEMSIS
'.' s+ - (not required) represents the fractional seconds	NEMSIS
zzzzz - (required) represents the timezone (as described below)	NEMSIS
Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' '-') hh ':' mm	NEMSIS
hh - a two-digit numeral (with leading zeros as required) that represents the hours	NEMSIS
mm - a two-digit numeral that represents the minutes	NEMSIS
'+' - a nonnegative duration	NEMSIS
'-' - a nonpositive duration	NEMSIS

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	datetime	Recurrence	1:1	One-To-One	Not Values (NV)	Yes
Min	1950-01-01T00:00:00-00:00	Florida Usage	O	Optional	Pertinent Negatives (PN)	No
Max	2050-01-01T00:00:00-00:00	NEMSIS Usage	R	Required	Correlation ID	No
Total Digits		XML Usage	R	Required	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns	[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+ -)[0-9]{2}:[0-9]{2}				Email (EM)	No
					Distance (DU)	No



Patient Care Report Narrative

Definition

The narrative of the patient care report (PCR).

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
7701005	Not Reporting	NV			

No Business Rules

No Comments

XSD Data Specification

Data Type	string
Min	1
Max	10000
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	O	Optional
NEMESIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



CP/MIH Service Provided

Definition

Line of Service provided during CP/MIH Program Visit

Field Values

Code	Code Description	Type	Code	Code Description	Type
9010001	Acute Care Station	FV	9010002	Medication Assistance Treatment (MAT)	FV
9010003	Public Safety Education/Outreach	FV	9010004	Vaccination Programs	FV
9010005	Remote Patient Monitoring (RPM)	FV	9010006	After Care: Discharge from Hospital (Post Discharge Follow-Up)	FV
9010007	Chronic Care Management	FV	9010008	Mobile Clinic	FV
9010009	In-home Testing	FV	9010010	Maternal (prenatal)	FV
9010011	OB & Newborn Wellness	FV	9010012	Mental/Behavioral Health	FV
9010013	Transitional Care Management	FV	9010014	Obesity/Weight Management	FV
9010015	Telehealth & Virtual Care	FV	9010016	Long Term Traumatic Injury Management	FV
9010022	Caring for Homeless	FV	9010023	Community Health	FV
9010024	Complex Rehabilitation	FV	9010025	Complex Respiratory Care	FV
9010026	High Volume Utilizer	FV	9010027	Hospice Revocation	FV
9010028	Hospital-at-Home	FV	9010029	Reducing Mental Health-Related Recidivism: Addiction/Overdose	FV
9010030	Reducing Mental Health-Related Recidivism: Depression	FV	9010031	Intensive Care Coordination	FV
9010032	Alternative Response	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV	9010017	Fall Prevention	FL
9010018	Home Safety	FL	9010019	Medication Reconciliation/Medication Assistance	FL
9010020	Wellness Check	FL	9010021	Meal Delivery	FL

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	1:M	One-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	E	Recommended	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

CP/MIH Patient Identifier

Definition

The CP/MIH patient identifier. This number should remain the same for the patient throughout the patients care regardless of number of visits

No Field Values

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	O	Optional	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

Factors influencing health status

Definition

Factors influencing health status and contact with health services, ICD-10 Z00-Z99

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

No Comments

XSD Data Specification

Data Type	string
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	Z[0-9][0-9].[0-9][0-9]

Frequency and Use

Recurrence	0:M	Zero-To-Many
Florida Usage	C	Conditional
NEMESIS Usage	E	Recommended
XML Usage	R	Required

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	Yes
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No



Telehealth Used on Scene

Definition

Usage of TeleHealth on Scene

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
9050001	Yes	FL	9050002	No	FL

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	No
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage			Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



ceVisitMethodType

Visit Method Type

Definition

Visit Method Type

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
9060001	In Person	FL	9060002	Phone	FL
9060003	Virtual	FL			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage			Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

CP/MIH stage of visit(s)

Definition

The stage of visit for this CP/MIH program encounter

Field Values

Code	Code Description	Type	Code	Code Description	Type
9040001	Re-admission	FV	9040002	Initial	FV
9040003	Individual	FV	9040004	Graduation	FV
9040005	Unknown	FV	9040005	Follow Up	FV
9040006	Final	FV	9040007	Continuing	FV
9040008	Closeout	FV	9040009	Removal	FV
9040010	Discharge	FV	9040011	Hospitalized	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

XSD Data Specification		Frequency and Use			Attributes	
Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

US Military Service

Definition

Patient/Spouse served in the US Military

Field Values

Code	Code Description	Type	Code	Code Description	Type
9070001	Patient	FV	9070002	Spouse	FV
9070003	Both	FV	9070004	Neither	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV

No Business Rules

No Comments

XSD Data Specification

Data Type	integer
Min	
Max	
Total Digits	
Fraction Digits	
Patterns	

Frequency and Use

Recurrence	0:1	Zero-To-One
Florida Usage	C	Conditional
NEMESIS Usage	E	Recommended
XML Usage	O	Optional

Attributes

Not Values (NV)	Yes
Pertinent Negatives (PN)	No
Correlation ID	No
Time Stamp (TS)	No
Phone (PH)	No
Email (EM)	No
Distance (DU)	No

VA benefits/services

Definition

Patient/Spouse eligible for VA benefits/services

Field Values

Code	Code Description	Type	Code	Code Description	Type
9080001	Patient	FV	9080002	Spouse	FV
9080003	Both	FV	9080004	Neither	FV
9080005	Unknown	FV	7701001	Not Applicable	NV
7701003	Not Recorded	NV			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

Data Type	integer	Recurrence	0:1	Zero-To-One	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	E	Recommended	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Resource Connections

Definition

Other lines of service(s) the patient was recommended to or coordinating with for patient care that your CP/MIH program is not currently providing.

Field Values

Code	Code Description	Type	Code	Code Description	Type
7701001	Not Applicable	NV	7701003	Not Recorded	NV
9030001	Veteran and Military Services	FL	9030002	Transportation	FL
9030003	Mental/Behavioral Health	FL	9030004	Medicare Services	FL
9030005	Medicaid Services	FL	9030006	Food/Clothing/Household Supplies	FL
9030007	Durable Medical Equipment	FL	9030008	Medication Assistance	FL
9030009	Crisis Support	FL	9030010	Health Insurance Assistance	FL
9030011	Housing/Rent Assistance	FL	9030012	Senior/Disabled Adult Services	FL
9030013	Emergency Planning/Preparation	FL	9030014	Disability Determination	FL
9030015	DOH-sponsored Diabetes Program	FL	9030016	DOH-sponsored Family Health/WIC Services	FL
9030017	DOH-sponsored HIV/AIDS Services	FL	9030018	DOH-sponsored Tobacco Cessation Program (TFF)	FL
9030019	Other DOH-sponsored Services	FL	9030020	Other	FL

No Business Rules

No Comments

XSD Data Specification		Frequency and Use			Attributes	
Data Type	string	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMESIS Usage	O	Optional	Correlation ID	Yes
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No



Referral Source

Definition

Referral source for the patient associated with the CP/MIH referral case number

Field Values

Code	Code Description	Type	Code	Code Description	Type
9020004	Emergency Room	FV	9020005	EMS Provider Agency	FV
9020006	EMS System	FV	9020007	Family	FV
9020008	Self	FV	9020009	Hospital	FV
9020011	Primary Care Provider	FV	9020012	Social Services	FV
9020013	Insurance	FV	9020014	Fire Agency	FV
9020015	Hospice Care	FV	9020016	Other	FV
7701001	Not Applicable	NV	7701003	Not Recorded	NV
9020001	Assisted Living Facility/Senior Care	FL	9020002	DOH-sponsored Programs	FL
9020003	Faith Based Organization	FL			

No Business Rules

No Comments

XSD Data Specification

Frequency and Use

Attributes

Data Type	integer	Recurrence	0:M	Zero-To-Many	Not Values (NV)	Yes
Min		Florida Usage	C	Conditional	Pertinent Negatives (PN)	No
Max		NEMSIS Usage	O	Optional	Correlation ID	No
Total Digits		XML Usage	O	Optional	Time Stamp (TS)	No
Fraction Digits					Phone (PH)	No
Patterns					Email (EM)	No
					Distance (DU)	No

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