NEMSIS Enhanced Cube v2
Data Dictionary

Modified June 2013
Patient Billing Information

- CMS Service Level ................................................................. 56
- Payment Method ................................................................. 57

Patient Demographics

- Patient Age (Patient Age Group) ........................................... 58
- Patient Age (Patient Age) ....................................................... 59
- Patient Gender .................................................................. 60
- Patient Race ...................................................................... 61
- Patient Ethnicity ............................................................... 62

Patient Disposition

- Transport Mode From Scene ................................................. 63
- Reason For Choosing Destination ........................................... 64
- Type Of Destination ............................................................. 65
- Incident Patient Disposition ................................................. 66

Patient Situation

- Prior Aid Outcome ............................................................. 67
- Chief Complaint Anatomic Location ........................................ 68
- Chief Complaint Organ ......................................................... 69
- Primary Symptom ................................................................ 70
- EMS Primary Impression ....................................................... 72
- EMS Secondary Impression .................................................... 74

Prior Aid Performed By

- Prior Aid Performed By .......................................................... 76

Procedures

- Procedures ........................................................................ 77
- Procedures Code ................................................................. 80

Response Delay

- Response Delay .................................................................. 81

Resuscitation

- Resuscitation .................................................................... 82

Scene Delay

---

NEMSIS ENHANCED CUBE V2 DATA DICTIONARY rev. 7/19/2013
Scene Delay

State Specific Information
- Patient Home Zip Codes
- Agency Home Zip Codes
- Incident Zip Codes

Transport Delay
- Transport Delay

Trauma Elements
- Cause of Injury
- Possible Injury

Turn Around Delay
- Turn Around Delay
NEMSIS ENHANCED CUBE V2 DATA DICTIONARY OVERVIEW

Welcome to the NEMSIS Enhanced Cube Dictionary. The dictionary contains descriptions for all measures and data element dimensions that are currently accessible in the NEMSIS Enhanced Cube v2.

The dictionary is divided into two sections: measures and data element dimensions. For simplification, data element dimensions will be referred to as either “data element” or “element”.

In the cube, measures and elements are found under general group names and are listed in alphabetical order for each group. To complement the cube, the data dictionary has been formatted in the same manner.

This data dictionary is not intended to be a full reference of the data elements in the NEMSIS national database. It is ONLY a list of definitions of the elements in the NEMSIS Enhanced Cube. To obtain a complete NEMSIS data dictionary of elements that EMS Providers collect, visit the following page on the NEMSIS website:

**NOT VALUES**

Within this document you will notice that each data element has a “Possible Values” section. Often this section contains a statement such as “= All Not Values.” Rather than repeat the NOT values throughout the document, the NOT values and definitions associated with each have been provided below.

**NOT APPLICABLE**

- At the time of an EMS Patient Care Report documentation, information requested was “Not Applicable” to the EMS or patient event.

**NOT REPORTING**

- If an EMS documentation or information system is not collecting a required “National” data element, then the value of “Not Reporting” should be submitted for that particular data element.

**NOT AVAILABLE**

- At the time of an EMS Patient Care Report documentation, information was “Not Available” to EMS personnel. This value documents that needed information did exist but the EMS personnel was unsuccessful in their attempt to obtain it.

**NOT RECORDED**

- EMS documentation or an information system has an empty field or nothing is recorded in any data element of the NEMSIS dataset indicating that the EMS Patient Care Report did not have a value for that specific data element when the EMS event or patient encounter was documented.

**NOT KNOWN**

- At the time of an EMS Patient Care Report documentation, information was “Not Known” to patient, family, and EMS personnel. This value documents that there was an attempt to obtain information but it was unknown by all parties involved.

**MULTIPLE ENTRY CONFIGURATION**

**SINGLE-SELECT, MULTI-SELECT, MULTI-VIA-GROUP**

- The multiple entry configuration category indicates whether an element allows for multiple values to be documented within the element or via a grouping.
EXTENDED DEFINITIONS
The data dictionary contains definitions of the data elements in the NEMSIS Enhanced Cube but does not contain definitions of the possible values that these elements can contain. Most of these values are self-explanatory such as “Volunteer,” “Drowning,” or “EMT-Paramedic.” For values that you would like additional explanation on, you can find these definitions in the “Extended Definition Document NEMSIS/NHTSA 2.2.1 Data Dictionary” document created through consensus by the State Data Managers Council of the National Association of State EMS Officials (NASEMSO) in 2008. This document is located on the NEMSIS website at: http://www.nemsis.org/v2/downloads/datasetDictionaries.html. Look for the document called “Extended Data Definitions Document v2.2.1.”
**NEMSIS Enhanced Cube v2 Timeline**

**Overall timeline at a glance:** The overall timeline shown below is to be used as a reference for the following pages where each individual time measure in the Enhanced Cube is defined as an average time in minutes or seconds.

The average times are the difference between the time element identified by 🟢 and the time element identified by 🔴.

![Timeline Diagram]

- **Public Safety Call (911)**
- **Unit Notified by Dispatch**
- **Unit En Route**
- **Unit Arrived On Scene**
- **Arrived at Patient**
- **Unit Left Scene**
- **Patient Arrived Destination**
- **Unit Back in Service**

- **Avg EMS Dispatch Center Time in Seconds**
- **Avg EMS Chute Time in Minutes**
- **Avg EMS Scene Response Time in Minutes**
- **Avg EMS Scene to Patient Time in Minutes**
- **Avg EMS System Response Time in Minutes**
- **Avg EMS Scene Time in Minutes**
- **Avg EMS Total Call Time in Minutes**
- **Avg EMS Transport Time in Minutes**
**Measure Name in Cube:**

**Avg EMS Dispatch Time In Seconds**

**Group Location in the Cube:**

Measures > Event Measures > Average EMS Times

**NEMSIS Data Dictionary Element Name and Code:**

Unit Notified by Dispatch Date/Time (E05_04) and PSAP Call Date/Time (E05_02)

**Definition:**

Average elapsed time interval from Call Received by PSAP (E05_02) to the Unit Notified by Dispatch (E05_04).

**Possible Values:**

Time in Seconds

---

**Public Safety Call (911)**  **Unit Notified by Dispatch**
Measure Name in Cube:

Avg EMS Chute Time In Minutes

Group Location in the Cube:

Measures > Event Measures > Average EMS Times

NEMSIS Data Dictionary Element Name and Code:

Unit Notified by Dispatch Date/Time (E05_04) and Unit En Route Date/Time (E05_05)

Definition:

Average elapsed time interval from Unit Notified by Dispatch (E05_04) to Unit En Route (E05_05).

Possible Values:

Time in Minutes
**Measure Name in Cube:**

**Avg EMS Scene Response Time In Minutes**

**Group Location in the Cube:**

Measures > Event Measures > Average EMS Times

**NEMSIS Data Dictionary Element Name and Code:**

Unit Arrived on Scene Date/Time (E05_06) and Unit En Route Date/Time (E05_05)

**Definition:**

Average elapsed time interval from Unit En Route (E05_05) to Unit Arrived on Scene (E05_06).

**Possible Values:**

Time in Minutes
Measure Name in Cube:

Avg EMS System Response Time In Minutes

Group Location in the Cube:

Measures > Event Measures > Average EMS Times

NEMSIS Data Dictionary Element Name and Code:

Unit Notified by Dispatch Date/Time (E05_04) and Unit Arrived on Scene Date/Time (E05_06)

Definition:

Average elapsed time interval from Unit Notified by Dispatch (E05_04) to Unit Arrived on Scene (E05_06).

Possible Values:

Time in Minutes
Measure Name in Cube:

Avg EMS Scene To Patient Time In Minutes

Group Location in the Cube:

Measures > Event Measures > Average EMS Times

NEMSIS Data Dictionary Element Name and Code:

Unit Arrived on Scene Date/Time (E05_06) and Arrived at Patient Date/Time (E05_07)

Definition:

Average elapsed time interval from Unit Arrived on Scene (E05_06) to Arrived at Patient (E05_07).

Possible Values:

Time in Minutes
**Measure Name in Cube:**

**Avg EMS Scene Time in Minutes**

**Group Location in the Cube:**

Measures > Event Measures > Average EMS Times

**NEMSIS Data Dictionary Element Name and Code:**

Unit Arrived on Scene Date/Time (E05_06) and Unit Left Scene Date/Time (E05_09)

**Definition:**

Average elapsed time interval from Unit Arrived on Scene (E05_06) to Unit Left Scene (E05_09).

**Possible Values:**

Time in Minutes
Measure Name in Cube:
Avg EMS Transport Time In Minutes

Group Location in the Cube:
Measures > Event Measures > Average EMS Times

NEMSIS Data Dictionary Element Name and Code:
Unit Left Scene Date/Time (E05_09) and Patient Arrived at Destination Date/Time (E05_10)

Definition:
Average elapsed time interval from Unit Left Scene (E05_09) to Patient Arrived at Destination (E05_10).

Possible Values:
Time in Minutes
Measure Name in Cube:

Avg EMS Total Call Time In Minutes

Group Location in the Cube:

Measures > Event Measures > Average EMS Times

NEMSIS Data Dictionary Element Name and Code:

Unit Back in Service Date/Time (E05_11) and Unit Notified by Dispatch Date/Time (E05_04)

Definition:

Average elapsed time interval from Unit Notified by Dispatch (E05_04) to Unit Back in Service (E05_11).

Possible Values:

Time in Minutes
Measure Name in Cube:

Count of Events

Group Location in the Cube:

Measures > Event Measures > Events

NEMSIS Data Dictionary Element Name and Code:

N/A

Definition:

Derived measure to determine the total number of (a collection of items) - i.e. the total number of records in the NEMSIS database.

Possible Values:

Number
Measure Name in Cube:

Count of Medications Given

Group Location in the Cube:

Measures > Medication Measures

NEMSIS Data Dictionary Element Name and Code:

N/A

Definition:

The number of times a particular medication was administered to a patient.

For example, for a patient experiencing chest pain, the medication nitroglycerin may be administered multiple times. In this scenario, for a single EMS event [Count of Events] the Count of Medications Given may be “3”.

Possible Values:

Number
Measure Name in Cube:

Count of Procedures Performed

Group Location in the Cube:

Measures > Procedure Measures

NEMSIS Data Dictionary Element Name and Code:

N/A

Definition:

The number of times a particular procedure was performed on a patient.

For example, for a patient severely injured experiencing blood loss and pain, multiple Venous Access-Extremity procedures may have been performed either successfully or unsuccessfully. In this scenario for a single EMS event [Count of Events], the Count of Procedures Performed may be “2”, “3”, or “4”.

Possible Values:

Number
DATA ELEMENTS

Data Element Name in Cube:

Alcohol Drug Indicators

Group Location in the Cube:

Alcohol Drug Indicators

NEMSIS Data Dictionary Element Name and Code:

Alcohol/Drug Use Indicators (E12_19)

Definition:

Indicators for the potential use of Alcohol or Drugs by the patient as it pertains to the patient's current illness or injury.

Multiple Entry Configuration:

Multi-Select

Possible Values:

= Alcohol and/or Drug Paraphernalia at Scene
= None
= Patient Admits to Alcohol Use
= Patient Admits to Drug Use
= Smell of Alcohol on Breath
= All Not Values
Data Element Name in Cube:

Barriers To Patient Care

Group Location in the Cube:

Barriers To Patient Care

NEMSIS Data Dictionary Element Name and Code:

Barriers to Patient Care (E12_01)

Definition:

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

Multiple Entry Configuration:

Multi-Select

Possible Values:

= Developmentally Impaired
= Hearing Impaired
= Language
= None
= Physically Impaired
= Physically Restrained
= Speech Impaired
= Unattended or Unsupervised (including minors)
= Unconscious
= All Not Values
Data Element Name in Cube: 

Cardiac Arrest 

Group Location in the Cube: 
Cardiac Arrest Elements 

NEMSIS Data Dictionary Element Name and Code: 
Cardiac Arrest (E11_01) 

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

Multiple Entry Configuration: 
Single-Select 

Possible Values: 
= No 
= Yes, After EMS Arrival 
= Yes, Prior to EMS Arrival 
= All Not Values
Data Element Name in Cube:

Cardiac Arrest Etiology

Group Location in the Cube:
Cardiac Arrest Elements

NEMSIS Data Dictionary Element Name and Code:
Cardiac Arrest Etiology (E11_02)

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

Multiple Entry Configuration:
Single-Select

Possible Values:
= Drowning
= Electrocution
= Other
= Presumed Cardiac
= Respiratory
= Trauma
= All Not Values
Data Element Name in Cube:

Condition Codes

Group Location in the Cube:
Condition Codes

NEMSIS Data Dictionary Element Name and Code:
Condition Code Number (E07_35)

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

Multiple Entry Configuration:
Multi-Select

Possible Values:
= Abdominal Pain (ALS-789.00)
= Abnormal Cardiac Rhythm/Cardiac Dysrhythmia (ALS-427.9)
= Abnormal Skin Signs (ALS-780.8)
= Abnormal Vital Signs (ALS-796.4)
= Advanced Airway Management (ALS-518.81)
= Airway Control/Positioning Required (BLS-786.09)
= Alcohol Intoxication or Drug Overdose (BLS-305.0)
= Allergic Reaction (ALS-995.0)
= Allergic Reaction (BLS-692.9)
= Altered Level of Consciousness (non-traumatic) (ALS-780.01)
= Animal Bites/Sting/Envenomation (ALS-989.5)
= Animal Bites/Sting/Envenomation (BLS-879.8)
= Back Pain (non-traumatic possible cardiac or vascular) (ALS-724.5)
= Back Pain (non-traumatic with neurologic symptoms) (ALS-724.9)
= Blood Glucose (ALS-790.21)
= Burns-Major (ALS-949.3)
<table>
<thead>
<tr>
<th>Medical Condition</th>
<th>ICD Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burns-Minor</td>
<td>BLS-949.2</td>
</tr>
<tr>
<td>Cardiac Arrest-Resuscitation in Progress</td>
<td>ALS-427.5</td>
</tr>
<tr>
<td>Cardiac Symptoms other than Chest Pain (atypical pain)</td>
<td>ALS-536.2</td>
</tr>
<tr>
<td>Cardiac Symptoms other than Chest Pain (palpitations)</td>
<td>ALS-785.1</td>
</tr>
<tr>
<td>Cardiac/Hemodynamic Monitoring Required</td>
<td>ALS-428.9</td>
</tr>
<tr>
<td>Chemical Restraint</td>
<td>ALS-293.0</td>
</tr>
<tr>
<td>Chest Pain (non-traumatic)</td>
<td>ALS-786.50</td>
</tr>
<tr>
<td>Choking Episode</td>
<td>ALS-784.9</td>
</tr>
<tr>
<td>Cold Exposure</td>
<td>ALS-991.6</td>
</tr>
<tr>
<td>Cold Exposure</td>
<td>BLS-991.9</td>
</tr>
<tr>
<td>Convulsions/Seizures</td>
<td>ALS-780.39</td>
</tr>
<tr>
<td>Difficulty Breathing</td>
<td>ALS-786.05</td>
</tr>
<tr>
<td>Electrocution</td>
<td>ALS-994.8</td>
</tr>
<tr>
<td>Eye Injuries</td>
<td>BLS-921.9</td>
</tr>
<tr>
<td>Eye Symptoms (non-traumatic)</td>
<td>BLS-379.90</td>
</tr>
<tr>
<td>Hazmat Exposure</td>
<td>ALS-987.9</td>
</tr>
<tr>
<td>Heat Exposure</td>
<td>ALS-992.5</td>
</tr>
<tr>
<td>Heat Exposure</td>
<td>BLS-992.2</td>
</tr>
<tr>
<td>Hemorrhage</td>
<td>ALS-459.0</td>
</tr>
<tr>
<td>Infectious Diseases requiring Isolation/Public Health Risk</td>
<td>BLS-038.9</td>
</tr>
<tr>
<td>IV Meds Required</td>
<td>ALS-No ICD code provided</td>
</tr>
<tr>
<td>Lightning</td>
<td>ALS-994.0</td>
</tr>
<tr>
<td>Major Trauma</td>
<td>ALS-959.8</td>
</tr>
<tr>
<td>Medical Device Failure</td>
<td>ALS-996.0</td>
</tr>
<tr>
<td>Medical Device Failure</td>
<td>BLS-996.3</td>
</tr>
<tr>
<td>Near Drowning</td>
<td>ALS-994.1</td>
</tr>
<tr>
<td>Neurologic Distress</td>
<td>ALS-436.0</td>
</tr>
<tr>
<td>Non Traumatic Headache</td>
<td>ALS-437.9</td>
</tr>
<tr>
<td>Other Trauma (amputation digits)</td>
<td>BLS-886.0</td>
</tr>
<tr>
<td>Other Trauma (amputation other)</td>
<td>ALS-887.4</td>
</tr>
</tbody>
</table>
= Other Trauma (fracture/dislocation) (BLS-829.0)
= Other Trauma (major bleeding) (ALS-958.2)
= Other Trauma (need for monitor or airway) (ALS-518.5)
= Other Trauma (penetrating extremity) (BLS-880.0)
= Other Trauma (suspected internal injuries) (ALS-869.0)
= Pain (Severe) (ALS-780.99)
= Patient Safety (monitoring required) (BLS-293.1)
= Patient Safety (restraints required) (BLS-298.9)
= Patient Safety (risk of falling off stretcher) (BLS-781.3)
= Patient Safety (seclusion required) (BLS-298.8)
= Poisons (all routes) (ALS-977.9)
= Post-Operative Procedure Complications (BLS-998.9)
= Pregnancy Complication/Childbirth/Labor (ALS-650.0)
= Psychiatric/Behavioral (abnormal mental status) (ALS-292.9)
= Psychiatric/Behavioral (threat to self or others) (BLS-298.9)
= Respiratory Arrest (ALS-799.1)
= Severe Abdominal Pain (ALS-789.00)
= Severe Alcohol Intoxication (ALS-977.3)
= Severe Dehydration (ALS-787.01)
= Sexual Assault (major injuries) (ALS-995.83)
= Sexual Assault (minor injuries) (BLS-995.8)
= Sick Person-Fever (BLS-036.9)
= Special Handling (Isolation) (BLS-995.8)
= Special Handling (orthopedic device required) (BLS-907.2)
= Special Handling (positioning required) (BLS-719.45)
= Suctioning/Oxygen/IV fluids required (BLS-496.0)
= Third Party Assistance/Attendant Required (BLS-496.0)
= Unconscious/Syncope/Dizziness (ALS-780.02)
= All Not Values
**Data Element Name in Cube:**

**Dispatch Delay**

**Group Location in the Cube:**

Dispatch Delay

**NEMSIS Data Dictionary Element Name and Code:**

Type of Dispatch Delay (E02_06)

**Definition:**

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

**Multiple Entry Configuration:**

Multi-Select

**Possible Values:**

= Caller (Uncooperative)
= High Call Volume
= Language Barrier
= Location (Inability to Obtain)
= No Units Available
= None
= Other
= Scene Safety (Not Secure for EMS)
= Technical Failure (Computer, Phone, etc.)
= All Not Values
Data Element Name in Cube:

Year – Quarter – Month – Day

NEMSIS data is maintained on a two year plus the current year rolling database. At any given time, the data in the NEMSIS Enhanced Cube is the current year plus the two previous years. The year examples below apply to the 2013 calendar year.

Group Location in the Cube:
EMS Call Date

NEMSIS Data Dictionary Element Name and Code:
Unit Notified by Dispatch Date/Time (E05_04)

Definition:
The full date the responding unit was notified by dispatch.

Possible Values:

Year

Group Location in the Cube:
EMS Call Date

NEMSIS Data Dictionary Element Name and Code:
Unit Notified by Dispatch Date/Time (E05_04)

Definition:
The year the responding unit was notified by dispatch.

Possible Values:
= 2011
= 2012
= 2013

Quarter

Group Location in the Cube:
EMS Call Date

NEMSIS Data Dictionary Element Name and Code:
Unit Notified by Dispatch Date/Time (E05_04)

Definition:
The quarter the responding unit was notified by dispatch.

Possible Values:
= Quarter 1
= Quarter 2
= Quarter 3
= Quarter 4

**Month**

**Group Location in the Cube:**
EMS Call Date

**NEMSIS Data Dictionary Element Name and Code:**
Unit Notified by Dispatch Date/Time (E05_04)

**Definition:**
The month the responding unit was notified by dispatch.

**Possible Values:**
= 01 January
= 02 February
= 03 March
= 04 April
= 05 May
= 06 June
= 07 July
= 08 August
= 09 September
= 10 October
= 11 November
= 12 December

**Day**

**Group Location in the Cube:**
EMS Call Date

**NEMSIS Data Dictionary Element Name and Code:**
Unit Notified by Dispatch Date/Time (E05_04)

**Definition:**
The day of the month and day of the week the responding unit was notified by dispatch.
Possible Values:
[Day of Month_Day of Week]

Data Element Name in Cube:

Holiday

Group Location in the Cube:
EMS Call Date

NEMSIS Data Dictionary Element Name and Code:
Unit Notified By Dispatch Date/Time (E05_04)

Definition:
The date the responding unit was notified by dispatch.

Possible Values:
- Christmas Day
- Christmas Eve
- Easter
- Election Day
- Father’s Day
- Halloween
- Independence Day
- Labor Day
- Labor Day Weekend (Saturday and Sunday)
- Martin Luther King Jr Day
- Martin Luther King Jr Weekend (Saturday and Sunday)
- Memorial Day
- Memorial Day Weekend (Saturday and Sunday)
- Mother’s Day
- New Year’s Day
- New Year’s Eve
- Non-Holiday
- President’s Day
- President’s Day Weekend (Saturday and Sunday)
- Saint Patrick’s Day
= Thanksgiving Day
= Thanksgiving Weekend (Black Friday, Saturday, and Sunday)
= Valentine’s Day
= Veteran’s Day
**Data Element Name in Cube:**

**Incident Location Type**

**Group Location in the Cube:**
EMS Scene Information

**NEMSIS Data Dictionary Element Name and Code:**
Incident Location Type (E08_07)

**Definition:**
The kind of location where the incident happened.

**Multiple Entry Configuration:**
Single-Select

**Possible Values:**
- Farm
- Health Care Facility (clinic, hospital, nursing home)
- Home/Residence
- Industrial Place and Premises
- Lake, River, Ocean
- Mine or Quarry
- Other Location
- Place of Recreation of Sport
- Public Building (schools, government offices)
- Residential Institution (Nursing Home, jail/prison)
- Street of Highway
- Trade or service (business, bars, restaurants, etc.)
- All Not Values
**Data Element Name in Cube:**

**Mass Casualty Incident**

**Group Location in the Cube:**

EMS Scene Information

**NEMSIS Data Dictionary Element Name and Code:**

Mass Casualty Incident (E08_06)

**Definition:**

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

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

- = No
- = Yes
- = All Not Values
Data Element Name in Cube:  
**Number of Patients**

Group Location in the Cube:  
EMS Scene Information

NEMSIS Data Dictionary Element Name and Code:  
Number of Patients at Scene (E08_05)

Definition:  
Indicator of how many total patients were at the scene.

Multiple Entry Configuration:  
Single-Select

Possible Values:  
- = Multiple  
- = None  
- = Single  
- = All Not Values
Data Element Name in Cube:

Scene Time Greater Than 20 Minutes

Group Location in the Cube:

EMS Scene Information

NEMSIS Data Dictionary Element Name and Code:

N/A

Definition:

Is the unit time at the scene greater than 20 minutes?

Scene time is the elapsed time interval in an emergency from EMS Arrived on the Scene (E05_06) to Unit Left Scene (E05_09).

Possible Values:

= False
= True
Data Element Name in Cube: 

**Level of Service**

Group Location in the Cube: 
EMS Unit Agency Info

NEMSIS Data Dictionary Element Name and Code:
Level of Service (D01_07)

Definition:

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

Multiple Entry Configuration:

Single-Select

Possible Values:

- EMT-Basic
- EMT-Intermediate
- EMT-Paramedic
- First Responder
- Nurse
- Other Agency Value
- Physician
Data Element Name in Cube:
Organizational Type

Group Location in the Cube:
EMS Unit Agency Info

NEMSIS Data Dictionary Element Name and Code:
Organizational Type (D01_08)

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

Multiple Entry Configuration:
Single-Select

Possible Values:
- Community, Non-Profit
- Fire Department
- Governmental, Non-Profit
- Hospital
- Private, Non_Hospital
- Tribal
Data Element Name in Cube:

Organization Status

Group Location in the Cube:
EMS Unit Agency Info

NEMSIS Data Dictionary Element Name and Code:
Organization Status (D01_09)

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

Multiple Entry Configuration:
Single-Select

Possible Values:
= Mixed
= Non-Volunteer
= Volunteer
Data Element Name in Cube:

Type Of Service Requested

Group Location in the Cube:
EMS Unit Agency Info

NEMSIS Data Dictionary Element Name and Code:
Type of Service Requested (E02_04)

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

Multiple Entry Configuration:
Single-Select

Possible Values:
- 911 Response (Scene)
- Intercept
- Interfacility Transfer
- Medical Transport
- Mutual Aid
- Standby
Data Element Name in Cube: 

EMS Unit Role

Group Location in the Cube: 
EMS Unit Agency Info

NEMSIS Data Dictionary Element Name and Code: 
Primary Role of the Unit (E02_05)

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

Multiple Entry Configuration: 
Single-Select

Possible Values: 
= Non-Transport
= Rescue
= Supervisor
= Transport
Data Element Name in Cube:

Response Mode To Scene

Group Location in the Cube:
   EMS Unit Agency Info

NEMSIS Data Dictionary Element Name and Code:
   Response Mode to Scene (E02_20)

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

Multiple Entry Configuration:
   Single-Select

Possible Values:
   = Initial Lights and Sirens, Downgraded to No Lights or Sirens
   = Initial No Lights or Sirens, Upgraded to Lights and Sirens
   = Lights and Sirens
   = No Lights or Sirens
Data Element Name in Cube:

Complaint Reported By Dispatch

Group Location in the Cube:

EMS Unit Dispatch Info

NEMSIS Data Dictionary Element Name and Code:

Complaint Reported by Dispatch (E03_01)

Definition:

The complaint dispatch reported to the responding unit.

Multiple Entry Configuration:

Single-Select

Possible Values:

= Abdominal Pain
= Allergies
= Animal Bite
= Assault
= Back Pain
= Breathing Problem
= Burns
= CO Poisoning/Hazmat
= Cardiac Arrest
= Chest Pain
= Choking
= Convulsions/Seizure
= Diabetic Problem
= Drowning
= Electrocution
= Eye Problem
= Fall Victim
= Headache
= Heart Problems
= Heat/Cold Exposure
= Hemorrhage/Laceration
= Industrial Accident/Inaccessible Incident/Other Entrapments (non-vehicle)
= Ingestion/Poisoning
= Pregnancy/Childbirth
= Psychiatric Problem
= Sick Person
= Stab/Gunshot Wound
= Stroke/CVA
= Traffic Accident
= Traumatic Injury
= Unconscious/Fainting
= Unknown Problem Man Down
= Transfer/Interfacility/Palliative Care
= MCI (Mass Casualty Incident)
= All Not Values
Data Element Name in Cube:

EMD Performed

Group Location in the Cube:

EMS Unit Dispatch Info

NEMSIS Data Dictionary Element Name and Code:

EMD Performed (E03_02)

Definition:

Indication of whether EMD (Emergency Medical Dispatcher) was performed for this EMS event.

Multiple Entry Configuration:

Single-Select

Possible Values:

= No
= Yes, With Pre-Arrival Instructions
= Yes, Without Pre-Arrival Instructions
= All Not Values
Data Element Name in Cube: US Census Region

Group Location in the Cube:
Geographic Information

NEMSIS Data Dictionary Element Name and Code:
N/A

Definition:
The NEMSIS TAC utilizes the four United States Census Regions of the United States: Midwest, Northeast, South, and West. The details can be reviewed at: http://www.census.gov/.

Possible Values:
= Island Areas
= Midwest
= Northeast
= South
= West

Census Regions of the United States

Island Areas (5)
NEMSIS created a region called "Island Areas" to capture the five US Territories which includes: American Samoa, Guam, Northern Mariana Islands, Puerto Rico and the US Virgin Islands.

Midwest (12)
Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

Northeast (9)

South (17)
Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

West (13)
Data Element Name in Cube:

Census Division

Group Location in the Cube:
Geographic Information

NEMSIS Data Dictionary Element Name and Code:
N/A

Definition:
The NEMSIS TAC utilizes the nine United States Census Divisions of the United States: East North Central, East South Central, Middle Atlantic, Mountain, New England, Pacific, South Atlantic, West North Central, and West South Central. The details can be reviewed at: http://www.census.gov/.

Possible Values:
- East North Central
- East South Central
- Middle Atlantic
- Mountain
- New England
- Pacific
- South Atlantic
- Territories
- West North Central
- West South Central

Census Divisions of the United States Broken Down by State

East North Central (5)
Illinois, Indiana, Michigan, Ohio, and Wisconsin

East South Central (4)
Alabama, Kentucky, Mississippi, and Tennessee

Middle Atlantic (3)
New Jersey, New York, and Pennsylvania

Mountain (8)
Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming

New England (6)
Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont

Pacific (5)
Alaska, California, Hawaii, Oregon, and Washington

South Atlantic (9)
Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia

West North Central (7)
Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota

West South Central (4)
Arkansas, Louisiana, Oklahoma, and Texas
Data Element Name in Cube:

NASEMSO Region

Group Location in the Cube:
Geographic Information

NEMSIS Data Dictionary Element Name and Code:
N/A

Definition:
The Four NASEMSO Regions with States:
http://nasemso.org/About/StateEMSAgencies/RegionalBreakdownByState.asp

Possible Values:
- East
- North Central
- South Central
- West

NASEMSO Regional Breakdown by State

East Region:

North Central Region:
Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, Wisconsin.

South Central Region:
Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, Puerto Rico, Tennessee, Texas, Virgin Islands.

West Region:
Data Element Name in Cube: Urbanicity Region

Group Location in the Cube: Quality Assurance

NEMSIS Data Dictionary Element Name and Code: N/A

Definition: NEMSIS Urbanicity Sections

In the NEMSIS Data Cube, Urbanicity is based on the county in which the agency is located.

The NEMSIS TAC combines the twelve 2003 Urban Influence Codes to make up the four (4) Urbanicity Categories available in the NEMSIS Online Analytical Processing (OLAP) Cube and the Reporting Services Pre-Created Access Reports available on the NEMSIS website under Reporting Tools. The United States Department of Agriculture (USDA) Economic Research Service defines the Urban Influence Codes based on census data counties and population.

The NEMSIS TAC determined it would be best to use four categories to define urbanicity. The four categories are combined from the populations as of 2000.


Detailed information regarding the 2003 Urban Influence Codes based on the 2000 Population can be found at the following website: http://www.ers.usda.gov/Briefing/Rurality/UrbInf/.

Possible Values:

= Rural
= Suburban
= Unknown
= Urban
= Wilderness
**Data Element Name in Cube:**

**Medication Name**

**Group Location in the Cube:**

Medication Given

**NEMSIS Data Dictionary Element Name and Code:**

Medication Given (E18_03)

**Definition:**

The medication given to the patient.

Multiple medications may be administered to a patient. The medications in the cube query will have a higher total than the number of events. For example, for a patient experiencing chest pain, medications such as Aspirin, Oxygen, Nitroglycerin, and Morphine may be administered for an ALS response. In this scenario, for a single EMS event [Count of Events = 1] the Medication Name total will appear as “1” however the results of the query will show Aspirin = 1, Oxygen = 1, Nitroglycerin = 1, and Morphine Sulfate = 1 for a total of 4 medications administered to the patient.

**Multiple Entry Configuration:**

Multi-via-Group

**Possible Values:**

Medication names can be accessed from the NEMSIS EMS Data Cube. Within the NEMSIS TAC v2.2.1 data set, the free text field maps the information in a more usable format and provides Rx Norm medication coding structures and generic medication descriptions.

Examples of medications administered include:

- Albuterol Sulfate
- Morphine Sulfate
- Aspirin
- Nitroglycerin
- D50
- Normal Saline 0.9%
- Diltiazem
- Oxygen
- Epinephrine 1:1,000
- Succinylcholine
- Epinephrine 1:10,000
- Unknown Medication
- Glucagon
- Unknown Medication Code
Data Element Name in Cube:

Other Symptoms

Group Location in the Cube:

Other Symptoms

NEMSIS Data Dictionary Element Name and Code:

Other Associated Symptoms (E09_14)

Definition:

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

Multiple Entry Configuration:

Multi-Select

Possible Values:

= Bleeding
= Breathing Problem
= Change in responsiveness
= Choking
= Death
= Device/Equipment Problem
= Diarrhea
= Drainage/Discharge
= Fever
= Malaise
= Mass/Lesion
= Mental/Psych
= Nausea/Vomiting
= None
= Pain
= Palpitations
= Rash/Itching
= Swelling
= Transport Only
= Weakness
Wound
All Not Values
Data Element Name in Cube:

ED Patient Disposition

Group Location in the Cube:

Outcome and Linkage

NEMSIS Data Dictionary Element Name and Code:

Emergency Department Disposition (E22_01)

Definition:

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

Multiple Entry Configuration:

Single-Select

Possible Values:

= Admitted to Hospital Floor
= Admitted to Hospital ICU
= Death
= Not Applicable (Not Transported to ED)
= Released
= Transferred
= All Not Values
Data Element Name in Cube:

Hospital Patient Disposition

Group Location in the Cube:
Outcome and Linkage

NEMSIS Data Dictionary Element Name and Code:
Hospital Disposition (E22_02)

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

Possible Values:
- Death
- Discharged
- Transfer to Hospital
- Transfer to Nursing Home
- Transfer to Other
- Transfer to Rehabilitation Facility
- All Not Values
**Data Element Name in Cube:**

**CMS Service Level**

**Group Location in the Cube:**

Patient Billing Information

**NEMSIS Data Dictionary Element Name and Code:**

CMS Service Level (E07_34)

**Definition:**

The Centers for Medicare and Medicaid Services (CMS) service level for this EMS encounter.

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

- ALS, Level 1
- ALS, Level 1 Emergency
- ALS, Level 2
- BLS
- BLS, Emergency
- Fixed Wing (Airplane)
- Paramedic Intercept
- Rotary Wing (Helicopter)
- Specialty Care Transport
- All Not Values
**Data Element Name in Cube:**

**Payment Method**

**Group Location in the Cube:**

Patient Billing Information

**NEMSIS Data Dictionary Element Name and Code:**

Primary Method of Payment (E07_01)

**Definition:**

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

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

= Insurance
= Medicaid
= Medicare
= Not Billed (for any reason)
= Other Government
= Self Pay
= Workers Compensation
= All Not Values
**Data Element Name in Cube:**

**Patient Age (Patient Age Group)**

**Group Location in the Cube:**

Patient Demographics > Patient Age

**NEMSIS Data Dictionary Element Name and Code:**

Age (E06_14)

**Definition:**

The patient’s age (either calculated from date of birth or best approximation). The numeric value in Age (E06_14) and the value choice in Age Units (E06_15) are used to determine the patient age in the cube. For example, a patient documented as 18 months will be in the age of 1 category. A patient documented as 18 days will be in the < 1 year category and viewed as a group or at that level of detail.

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

- = <1 year (detail to hours, days, and months)
- = 01-09 (detail actual numeric value)
- = 10-19 (detail actual numeric value)
- = 20-29 (detail actual numeric value)
- = 30-39 (detail actual numeric value)
- = 40-49 (detail actual numeric value)
- = 50-59 (detail actual numeric value)
- = 60-69 (detail actual numeric value)
- = 70-79 (detail actual numeric value)
- = 80-89 (detail actual numeric value)
- = 90-99 (detail actual numeric value)
- = >= 100 (detail actual numeric value)
- = Not Recorded
**Data Element Name in Cube:**

**Patient Age (Patient Age)**

**Group Location in the Cube:**

Patient Demographics > Patient Age

**NEMSIS Data Dictionary Element Name and Code:**

Age Units (E06_15)

**Definition:**

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

The numeric value in Age (E06_14) and the value choice in Age Units (E06_15) are used to determine the patient age in the cube. For example, a patient documented as 18 months will be in the age of 1 category. A patient documented as 18 days will be in the < 1 year category and viewed as a group or at that level of detail.

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

= Hours
= Days
= Months
= Years (Numeric Values (1-120))
= All Not Values
**Data Element Name in Cube:**

**Patient Gender**

**Group Location in the Cube:**
- Patient Demographics

**NEMSIS Data Dictionary Element Name and Code:**
- Gender (E06_11)

**Definition:**
- The patient's gender.

**Multiple Entry Configuration:**
- Single-Select

**Possible Values:**
- = Male
- = Female
- = All Not Values
Data Element Name in Cube:

Patient Race

Group Location in the Cube:

Patient Demographics

NEMSIS Data Dictionary Element Name and Code:

Race (E06_12)

Definition:

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

Multiple Entry Configuration:

Single-Select

Possible Values:

= American Indian or Alaska Native
= Asian
= Black or African American
= Native Hawaiian or Other Pacific Islander
= Other Race
= White
= All Not Values
**Data Element Name in Cube:**

**Patient Ethnicity**

**Group Location in the Cube:**

Patient Demographics

**NEMSIS Data Dictionary Element Name and Code:**

Ethnicity (E06_13)

**Definition:**

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

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

- Hispanic or Latino
- Not Hispanic or Latino
- All Not Values
Data Element Name in Cube:

Transport Mode From Scene

Group Location in the Cube:

Patient Disposition

NEMSIS Data Dictionary Element Name and Code:

Transport Mode from Scene (E20_14)

Definition:

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

Multiple Entry Configuration:

Single-Select

Possible Values:

= Initial Lights and Sirens, Downgraded to No Lights or Sirens
= Initial No Lights or Sirens, Upgraded to Lights and Sirens
= Lights and Sirens
= No Lights or Sirens
= All Not Values
Data Element Name in Cube:  

Reason For Choosing Destination

Group Location in the Cube:
  Patient Disposition

NEMSIS Data Dictionary Element Name and Code:
  Reason for Choosing Destination (E20_16)

Definition:
  The reason the unit chose to deliver or transfer the patient to the destination.

Multiple Entry Configuration:
  Single-Select

Possible Values:
  = Closest Facility (none below)
  = Diversion
  = Family Choice
  = Insurance Status
  = Law Enforcement Choice
  = On-Line Medical Direction
  = Other
  = Patient Choice
  = Patient's Physicians Choice
  = Protocol
  = Specialty Resource Center
  = All Not Values
Data Element Name in Cube:

**Type Of Destination**

Group Location in the Cube:

Patient Disposition

NEMSIS Data Dictionary Element Name and Code:

Type of Destination (E20_17)

**Definition:**

The type of destination the patient was delivered or transferred to.

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

= Home
= Hospital
= Medical Office/Clinic
= Morgue
= Nursing Home
= Other
= Other EMS Responder (air)
= Other EMS Responder (ground)
= Police/Jail
= All Not Values
**Data Element Name in Cube:**

**Incident Patient Disposition**

**Group Location in the Cube:**

Patient Disposition

**NEMSIS Data Dictionary Element Name and Code:**

Incident/Patient Disposition (E20_10)

**Definition:**

Type of disposition treatment and/or transport of the patient.

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

= Cancelled  
= Dead at Scene  
= No Patient Found  
= No Treatment Required  
= Patient Refused Care  
= Treated and Released  
= Treated, Transferred Care  
= Treated, Transported by EMS  
= Treated, Transported by Law Enforcement  
= Treated, Transported by Private Vehicle
Data Element Name in Cube:

Prior Aid Outcome

Group Location in the Cube:

Patient Situation

NEMSIS Data Dictionary Element Name and Code:

Outcome of the Prior Aid (E09_03)

Definition:

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

Multiple Entry Configuration:

Single-Select

Possible Values:

= Improved
= Unchanged
= Worse
= All Not Values
Data Element Name in Cube:

Chief Complaint Anatomic Location

Group Location in the Cube:

Patient Situation

NEMSIS Data Dictionary Element Name and Code:

Chief Complaint Anatomic Location (E09_11)

Definition:

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

Multiple Entry Configuration:

Single-Select

Possible Values:

= Abdomen
= Back
= Chest
= Extremity-Lower
= Extremity-Upper
= General/Global
= Genitalia
= Head
= Neck
= All Not Values
Data Element Name in Cube:

Chief Complaint Organ

Group Location in the Cube:

Patient Situation

NEMSIS Data Dictionary Element Name and Code:

Chief Complaint Organ System (E09_12)

Definition:

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

Multiple Entry Configuration:

Single-Select

Possible Values:

= Cardiovascular
= CNS/Neuro
= Endocrine/Metabolic
= GI
= Global
= Musculoskeletal
= OB/Gyn
= Psych
= Pulmonary
= Renal
= Skin
= All Not Values
Data Element Name in Cube:

Primary Symptom

Group Location in the Cube:

Patient Situation

NEMSIS Data Dictionary Element Name and Code:

Primary Symptom (E09_13)

Definition:

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

Multiple Entry Configuration:

Single-Select

Possible Values:

= Bleeding
= Breathing Problem
= Change in responsiveness
= Choking
= Death
= Device/Equipment Problem
= Diarrhea
= Drainage/Discharge
= Fever
= Malaise
= Mass/Lesion
= Mental/Psych
= Nausea/Vomiting
= None
= Pain
= Palpitations
= Rash/Itching
= Swelling
= Transport Only
= Weakness
= Wound
= All Not Values
**Data Element Name in Cube:**

**EMS Primary Impression**

**Group Location in the Cube:**

Patient Situation

**NEMSIS Data Dictionary Element Name and Code:**

Providers Primary Impression (E09_15)

**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).

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

- 789.00 - Abdominal pain / problems
- 519.80 - Airway obstruction
- 995.30 - Allergic reaction
- 780.09 - Altered level of consciousness
- 312.90 - Behavioral / psychiatric disorder
- 427.50 - Cardiac arrest
- 427.90 - Cardiac rhythm disturbance
- 786.50 - Chest pain / discomfort
- 250.90 - Diabetic symptoms (hypoglycemia)
- 994.80 - Electrocution
- 780.60 - Hyperthermia
- 780.90 - Hypothermia
- 785.59 - Hypovolemia / shock
- 987.90 - Inhalation injury (toxic gas)
- 798.99 - Obvious death
- 977.90 - Poisoning / drug ingestion
- 659.90 - Pregnancy / OB delivery
- 786.09 - Respiratory distress
- 799.10 - Respiratory arrest
= 780.30- Seizure
= 959.90- Sexual assault / rape
= 987.90- Smoke inhalation
= 989.50- Stings / venomous bites
= 436.00- Stroke / CVA
= 780.20- Syncope / fainting
= 959.90- Traumatic injury
= 623.80- Vaginal hemorrhage
= All Not Values
**Data Element Name in Cube:**

**EMS Secondary Impression**

**Group Location in the Cube:**

Patient Situation

**NEMSIS Data Dictionary Element Name and Code:**

Provider's Secondary Impression (E09_16)

**Definition:**

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

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

- 789.00 - Abdominal pain / problems
- 519.80 - Airway obstruction
- 995.30 - Allergic reaction
- 780.09 - Altered level of consciousness
- 312.90 - Behavioral / psychiatric disorder
- 427.50 - Cardiac arrest
- 427.90 - Cardiac rhythm disturbance
- 786.50 - Chest pain / discomfort
- 250.90 - Diabetic symptoms (hypoglycemia)
- 994.80 - Electrocution
- 780.60 - Hyperthermia
- 780.90 - Hypothermia
- 785.59 - Hypovolemia / shock
- 987.90 - Inhalation injury (toxic gas)
- 798.99 - Obvious death
- 977.90 - Poisoning / drug ingestion
- 659.90 - Pregnancy / OB delivery
- 786.09 - Respiratory distress
- 799.10 - Respiratory arrest
= 780.30- Seizure
= 959.90- Sexual assault / rape
= 987.90- Smoke inhalation
= 989.50- Stings / venomous bites
= 436.00- Stroke / CVA
= 780.20- Syncope / fainting
= 959.90- Traumatic injury
= 623.80- Vaginal hemorrhage
= All Not Values
Data Element Name in Cube: 

Prior Aid Performed By

Group Location in the Cube:

Prior Aid Performed By

NEMSIS Data Dictionary Element Name and Code:

Prior Aid Performed By (E09_02)

Definition:

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

Multiple Entry Configuration:

Multi-Select

Possible Values:

= EMS Provider
= Law Enforcement
= Lay Person
= Other Healthcare Provider
= Patient
= All Not Values
**Data Element Name in Cube:**

**Procedures**

**Group Location in the Cube:**

Procedures

**NEMSIS Data Dictionary Element Name and Code:**

Procedure (E19_03)

**Definition:**

The procedure performed on the patient.

Multiple procedures may be used to treat a patient. The procedures in the cube query will have a higher total than the number of events. For example, for a patient experiencing chest pain, medications such as Aspirin, Oxygen, Nitroglycerin, and Morphine may be administered for an ALS response. In this scenario, for a single EMS event [Count of Events = 1] the Medication Name total will appear as “1” however the results of the query will show Aspirin = 1, Oxygen = 1, Nitroglycerin = 1, and Morphine Sulfate = 1 for a total of 4 medications administered to the patient.

**Multiple Entry Configuration:**

Multi-via-Group

**Possible Values:**

- = 12 Lead ECG-Obtain (89.820)
- = 12 Lead ECG-Transmitted (89.821)
- = Activation-Advanced Hazmat Specialty Service/Response Team (101.201)
- = Activation-Fire Rehabilitation Specialty Service/Response Team (101.202)
- = Activation-Other Specialty Service/Response Team (101.203)
- = Activation-Rescue Specialty Service/Response Team (101.204)
- = Activation-Social Services Notification/Referral (101.205)
- = Activation-Tactical or SWAT Specialty Service/Response Team (101.206)
- = Airway-Bagged (via BVMask) (93.931)
- = Airway-Bagged (via tube) (93.930)
- = Airway-BiPAP (96.702)
- = Airway-Change Tracheostomy Tube (97.230)
- = Airway-Cleared, Opened, or Heimlich (98.130)
- = Airway-Contribute Blind Insertion Airway Device (96.051)
- = Airway-CPAP (93.900)
- = Airway-Direct Laryngoscopy (31.420)
- = Airway-EOW/EGTA (96.030)
- = Airway-Extubation (96.993)
- = Airway-Foreign Body Removal (98.131)
- = Airway-Impedence Threshold Device (96.703)
- = Airway-Intubation Confirm Colorimetric
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETCO2</td>
<td>(96.991)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Intubation Confirm Esophageal Bulb (96.992)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Intubation of Existing Tracheostomy Stoma (97.231)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-King LT Blind Insertion Airway Device (96.053)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Laryngeal Mask Blind Insertion Airway Device (96.052)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Nasal (96.010)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Nasotracheal Intubation (96.041)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Nebulizer Treatment (93.940)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Needle Cricothyrotomy (31.110)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Oral (96.020)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Orotracheal Intubation (96.040)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-PEEP (96.790)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Rapid Sequence Induction (96.042)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Respirator Operation (BLS) (93.910)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Suctioning (98.150)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Surgical Cricothyrotomy (31.120)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Ventilator Operation (96.700)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Ventilator with PEEP (96.701)</td>
</tr>
<tr>
<td>=</td>
<td>Airway-Video Laryngoscopy (31.421)</td>
</tr>
<tr>
<td>=</td>
<td>Arterial Access-Blood Draw (38.910)</td>
</tr>
<tr>
<td>=</td>
<td>Arterial Line Maintenance (89.610)</td>
</tr>
<tr>
<td>=</td>
<td>Assessment-Adult (89.700)</td>
</tr>
<tr>
<td>=</td>
<td>Assessment-Pediatric (89.701)</td>
</tr>
<tr>
<td>=</td>
<td>Blood Glucose Analysis (38.995)</td>
</tr>
<tr>
<td>=</td>
<td>Capnography (CO2 Measurement) (89.391)</td>
</tr>
<tr>
<td>=</td>
<td>Cardiac Monitor (89.510)</td>
</tr>
<tr>
<td>=</td>
<td>Cardiac Pacing-External (99.624)</td>
</tr>
<tr>
<td>=</td>
<td>Cardiac Pacing-Transvenous (99.626)</td>
</tr>
<tr>
<td>=</td>
<td>Cardioversion (99.623)</td>
</tr>
<tr>
<td>=</td>
<td>Chest Decompression (34.041)</td>
</tr>
<tr>
<td>=</td>
<td>Chest Tube Placement (34.042)</td>
</tr>
<tr>
<td>=</td>
<td>Childbirth (73.590)</td>
</tr>
<tr>
<td>=</td>
<td>CNS Catheter-Epidural Maintenance (1.181)</td>
</tr>
<tr>
<td>=</td>
<td>CNS Catheter-Intraventricular Maintenance (1.182)</td>
</tr>
<tr>
<td>=</td>
<td>Contact Medical Control (101.500)</td>
</tr>
<tr>
<td>=</td>
<td>CPR by Other External Automated Device (99.601)</td>
</tr>
<tr>
<td>=</td>
<td>CPR-AutoPulse Device (99.602)</td>
</tr>
<tr>
<td>=</td>
<td>CPR-Mechanical Thumper Type Device (99.603)</td>
</tr>
<tr>
<td>=</td>
<td>CPR-Precordial Thump Only (99.604)</td>
</tr>
<tr>
<td>=</td>
<td>CPR-Start Compressions and Ventilations (99.600)</td>
</tr>
<tr>
<td>=</td>
<td>CPR-Start Compressions without Ventilation (99.611)</td>
</tr>
<tr>
<td>=</td>
<td>CPR-Start Rescue Breathing without Compressions (99.612)</td>
</tr>
<tr>
<td>=</td>
<td>CPR-Stop (99.615)</td>
</tr>
<tr>
<td>=</td>
<td>Decontamination (86.280)</td>
</tr>
<tr>
<td>=</td>
<td>Defibrillation-Automated (AED) (99.621)</td>
</tr>
<tr>
<td>=</td>
<td>Defibrillation-Manual (99.622)</td>
</tr>
<tr>
<td>=</td>
<td>Defibrillation-Placement for Monitoring/Analysis (99.625)</td>
</tr>
<tr>
<td>=</td>
<td>Escharotomy (86.090)</td>
</tr>
<tr>
<td>=</td>
<td>Extrication (100.200)</td>
</tr>
<tr>
<td>=</td>
<td>Gastric Tube Insertion-Inserted Nasally (96.070)</td>
</tr>
<tr>
<td>=</td>
<td>Gastric Tube Insertion-Inserted Orally (96.071)</td>
</tr>
<tr>
<td>=</td>
<td>Injections-SQ/IM (99.290)</td>
</tr>
<tr>
<td>=</td>
<td>Intra-Aortic Balloon Pump Maintenance (96.701)</td>
</tr>
</tbody>
</table>
(37.611)
= Joint Reduction/Relocation (79.700)
= Left Ventricular Assist Device Maintenance (37.612)
= MAST (93.580)
= Orthostatic Blood Pressure Measurement (89.590)
= Pain Measurement (89.702)
= Patient Cooling (Cold Pack, etc.) (99.810)
= Patient Cooling-Post Resuscitation (99.811)
= Patient Loaded (100.300)
= Patient Loaded-Helicopter Hot-Load (100.301)
= Patient Monitoring of Pre-existing Devices, Equipment, or Ongoing Medications (89.599)
= Patient Off-Loaded (100.302)
= Patient Off-Loaded Helicopter Hot Off-Load (100.303)
= Patient Warming (Hot Pack, etc.) (93.350)
= Pericardiocentesis (37.000)
= Pulse Oximetry (89.392)
= Rescue (100.100)
= Restraints-Pharmacological (99.841)
= Restraints-Physical (99.842)
= Specialty Center Activation-Adult Trauma (101.101)
= Specialty Center Activation-Cardiac Arrest (101.103)
= Specialty Center Activation-Pediatric Trauma (101.102)
= Specialty Center Activation-STEMI (101.104)
= Specialty Center Activation-Stroke (101.105)

= Spinal Immobilization (93.591)
= Splinting-Basic (93.540)
= Splinting-Traction (93.450)
= Temperature Measurement (89.703)
= Thrombolytic Screen (89.704)
= Urinary Catheterization (57.940)
= Vagal Maneuver- Carotid Massage (99.640)
= Vagal Maneuver-Valsalva or Other Vagal Maneuver (Not Carotid Massage) (99.641)
= Venus Access-Blood Draw (38.990)
= Venus Access-Central Line Maintenance (89.620)
= Venus Access-Discontinue (39.997)
= Venus Access-Existing Catheter (38.991)
= Venus Access-External Jugular Line (38.993)
= Venus Access-Extremity (38.992)
= Venus Access-Femoral Line (38.994)
= Venus Access-Internal Jugular Line (39.995)
= Venus Access-Intraosseous Adult (41.920)
= Venus Access-Intraosseous Pediatric (41.921)
= Venus Access-Subclavian Line (39.996)
= Venus Access-Swan Ganz Maintenance (89.640)
= Venus Access-Umbilical Vein Cannulation (39.998)
= Wound Care-General (93.057)
= Wound Care-Hemostatic Agent (93.059)
= Wound Care-Irrigation (93.058)
= Wound Care-Taser Barb Removal (93.055)
= Wound Care-Tourniquet (93.056)
= All Not Value
**Data Element Name in Cube:**

**Procedures Code**

**Group Location in the Cube:**

Procedures

**NEMSIS Data Dictionary Element Name and Code:**

N/A

**Definition:**

The code associated with a particular procedure performed on a patient.

**Possible Values:**

Procedures codes can be accessed from the NEMSIS EMS Data Cube. The codes for each procedure description can be found in the procedure element section of this dictionary (pages 76-78).
Data Element Name in Cube: 

Response Delay

Group Location in the Cube:

Response Delay

NEMSIS Data Dictionary Element Name and Code:

Type of Response Delay (E02_07)

Definition:

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

Multiple Entry Configuration:

Multi-Select

Possible Values:

= Crowd
= Directions
= Distance
= Diversion
= HazMat
= None
= Other
= Safety
= Staff Delay
= Traffic
= Vehicle Crash
= Vehicle Failure
= Weather
= All Not Values
Data Element Name in Cube:

Resuscitation

Group Location in the Cube:

Resuscitation

NEMSIS Data Dictionary Element Name and Code:

Resuscitation Attempted (E11_03)

Definition:

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

Multiple Entry Configuration:

Multi-Select

Possible Values:

= Attempted Defibrillation
= Attempted Ventilation
= Initiated Chest Compressions
= Not Attempted- Considered Futile
= Not Attempted-DNR Orders
= Not Attempted-Signs of Circulation
= All Not Values
Data Element Name in Cube:

Scene Delay

Group Location in the Cube:

Scene Delay

NEMSIS Data Dictionary Element Name and Code:

Type of Scene Delay (E02_08)

Definition:

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

Multiple Entry Configuration:

Multi-Select

Possible Values:

= Crowd
= Directions
= Distance
= Diversion
= Extrication >20 min.
= HazMat
= Language Barrier
= None
= Other
= Safety
= Staff Delay
= Traffic
= Vehicle Crash
= Vehicle Failure
= Weather
= All Not Values
**Data Element Name in Cube:**

**Patient Home Zip Codes**

**Group Location in the Cube:**

State Specific Information

**NEMSIS Data Dictionary Element Name and Code:**

Patient's Home Zip Code (E06_08)

**Definition:**

The Patient’s home ZIP code of residence.

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

Patient home zip code information is password protected and can be accessed by states only.
Data Element Name in Cube:

Agency Home Zip Codes

Group Location in the Cube:

State Specific Information

NEMSIS Data Dictionary Element Name and Code:

Agency Contact Zip Code (D02_07)

Definition:

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

Multiple Entry Configuration:

Single-Select

Possible Values:

Agency home zip code information is password protected and can be accessed by states only.
**Data Element Name in Cube:**

**Incident Zip Codes**

**Group Location in the Cube:**

State Specific Information

**NEMSIS Data Dictionary Element Name and Code:**

Incident Zip Code (E08_15)

**Definition:**

The ZIP code of the incident location.

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

Incident zip code information is password protected and can be accessed by states only.
Data Element Name in Cube:

Transport Delay

Group Location in the Cube:
Transport Delay

NEMSIS Data Dictionary Element Name and Code:
Type of Transport Delay (E02_09)

Definition:
The transport delays, if any, associated with the EMS unit associated with the patient encounter.

Multiple Entry Configuration:
Multi-Select

Possible Values:

- Crowd
- Directions
- Distance
- Diversion
- HazMat
- None
- Other
- Safety
- Staff Delay
- Traffic
- Vehicle Crash
- Vehicle Failure
- Weather
- All Not Values
**Data Element Name in Cube:**

**Cause of Injury**

**Group Location in the Cube:**

Trauma Elements

**NEMSIS Data Dictionary Element Name and Code:**

Cause of Injury (E10_01)

**Definition:**

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

**Multiple Entry Configuration:**

Single-Select

**Possible Values:**

- Aircraft related accident (E84X.0)
- Bicycle Accident (E826.0)
- Bites (E906.0)
- Chemical poisoning (E86X.0)
- Child battering (E967.0)
- Drowning (E910.0)
- Drug poisoning (E85X.0)
- Electrocution (non-lightning) (E925.0)
- Excessive Cold (E901.0)
- Excessive Heat (E900.0)
- Falls (E88X.0)
- Fire and Flames (E89X.0)
- Firearm assault (E965.0)
- Firearm injury (accidental) (E985.0)
- Firearm self inflicted (E955.0)
- Lightning (E907.0)
- Machinery accidents (E919.0)
- Mechanical Suffocation (E913.0)
- Motor Vehicle non-traffic accident (E82X.0)
- Motor Vehicle traffic accident (E81X.0)
= Motorcycle Accident (E81X.1)
= Non-Motorized Vehicle Accident (E848.0)
= Pedestrian traffic accident (E814.0)
= Radiation exposure (E926.0)
= Rape (E960.1)
= Smoke Inhalation (E89X.2)
= Stabbing/Cutting Accidental (E986.0)
= Stabbing/Cutting Assault (E966.0)
= Struck by Blunt/Thrown Object (E968.2)
= Venomous stings (plants, animals) (E905.0)
= Water Transport accident (E83X.0)
= All Not Values
Data Element Name in Cube: Possible Injury

Group Location in the Cube: Trauma Elements

NEMSIS Data Dictionary Element Name and Code: Possible Injury (E09_04)

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

Multiple Entry Configuration: Single-Select

Possible Values:
= No
= Yes
= All Not Values
**Data Element Name in Cube:**

**Turn Around Delay**

**Group Location in the Cube:**

Turn Around Delay

**NEMSIS Data Dictionary Element Name and Code:**

Type of Turn Around Delay (E02_10)

**Definition:**

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

**Multiple Entry Configuration:**

Multi-Select

**Possible Values:**

= Clean-up
= Decontamination
= Documentation
= ED Overcrowding
= Equipment Failure
= Equipment Replenishment
= None
= Other
= Staff Delay
= Vehicle Failure
= All Not Values