Introduction / Overview

This change log represents minor revision changes made to the NEMSIS Version 3 standard based on the NEMSIS TAC Annual Minor Revision Policy. Suggested changes to the Version 3 standard were provided by EMS stakeholders, identified as major or minor, and included in the revisions if they were minor during 2013. Changes identified in this change log include all changes from NEMSIS Version 3.3.3 to Version 3.3.4 Build 140328.

The NEMSIS Version 3.3.4 Build 140328 Change Log lists the revisions.

Revisions to the NEMSIS Version 3 standard are based on three primary changes:

1. Element Value Additions or Changes
2. Element Definition Updates
3. Element Comment Additions, Updates, or Removals

Additional revisions to the NEMSIS Version 3 Standard include:

1. Spelling corrections
2. XSD formatting

The addition of values (codes and descriptors) to elements have been made based on a shared CommonType or single SimpleType used by each element.

NEMSIS Overview and Summary Statement Updated with v3.3.4 Release

The NEMSIS data dictionary was developed through a collaborative effort with the EMS industry including: web-based reviews, public comment periods, focus groups, industry dialogue, topic focused projects, and consensus. The National EMS Information System Version 3 represents a major revision from version 2 released in 2005. Adopting a broad perspective, the initiative to move to a 3rd version of the NEMSIS 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, to move the NEMSIS standard into the Health Level 7 (HL7) organization for approval as an American National Standards Institute (ANSI) standard.
# Table of Contents - NEMSIS v3.3.4 Candidate Release 1 Change Log

- **Deprecated Codes by Element** ........................................... 4
- **CommonTypes** ................................................................. 7
- **Minor Typographical / Formatting** ........................................ 11
- **dAgency** ............................................................................. 13
- **dConfiguration** ................................................................. 14
- **dContact** ............................................................................. 17
- **dFacility** ............................................................................. 19
- **dLocation** ............................................................................ 20
- **dPersonnel** .......................................................................... 21
- **dState** ................................................................................ 22
- **eArrest** ................................................................................ 23
- **eCad** .................................................................................. 25
- **eCustomResults** ................................................................. 26
- **eExam** ................................................................................ 27
- **eDispatch** ............................................................................. 31
- **eDisposition** ....................................................................... 32
- **eInjury** ................................................................................ 35
- **eLabs** .................................................................................. 36
- **eMedDevice** ......................................................................... 37
- **eMedications** ....................................................................... 38
- **eOther** ................................................................................ 39
- **ePatient** ............................................................................... 40
- **ePayment** ............................................................................. 42
- **eProcedures** ......................................................................... 47
- **eResponse** ............................................................................ 48
- **eState** .................................................................................. 50
- **eScene** .................................................................................. 51
- **eVitals** ................................................................................ 52
XSD Files Impacted

NEMSIS Version 3.3.4 Candidate Release 1 XSD files with changes.

Please note: This does not mean the values within an element in a section did not change (e.g. eCrew XSD did not change, but the CommonType used for eCrew.02 did.).

<table>
<thead>
<tr>
<th>File</th>
<th>Change (Yes / No)</th>
<th>File</th>
<th>Change (Yes / No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CADDataset</td>
<td>No</td>
<td>eDisposition</td>
<td>Yes</td>
</tr>
<tr>
<td>DEMDataSet</td>
<td>No</td>
<td>eExam</td>
<td>Yes</td>
</tr>
<tr>
<td>EMSDataSet</td>
<td>No</td>
<td>eHistory</td>
<td>No</td>
</tr>
<tr>
<td>MedDeviceDataSet</td>
<td>Yes</td>
<td>eInjury</td>
<td>Yes</td>
</tr>
<tr>
<td>commonTypes</td>
<td>Yes</td>
<td>eLabs</td>
<td>Yes</td>
</tr>
<tr>
<td>dAgency</td>
<td>Yes</td>
<td>eMedDevice</td>
<td>Yes</td>
</tr>
<tr>
<td>dConfiguration</td>
<td>Yes</td>
<td>eMedications</td>
<td>Yes</td>
</tr>
<tr>
<td>dContact</td>
<td>Yes</td>
<td>eNarrative</td>
<td>No</td>
</tr>
<tr>
<td>dCustom</td>
<td>No</td>
<td>eOther</td>
<td>Yes</td>
</tr>
<tr>
<td>dDevice</td>
<td>No</td>
<td>eOutcome</td>
<td>Yes</td>
</tr>
<tr>
<td>dFacility</td>
<td>Yes</td>
<td>ePatient</td>
<td>Yes</td>
</tr>
<tr>
<td>dLocation</td>
<td>Yes</td>
<td>ePayment</td>
<td>Yes</td>
</tr>
<tr>
<td>dPersonnel</td>
<td>Yes</td>
<td>eProcedures</td>
<td>Yes</td>
</tr>
<tr>
<td>dState</td>
<td>No</td>
<td>eProtocols</td>
<td>Yes</td>
</tr>
<tr>
<td>dVehicle</td>
<td>No</td>
<td>eRecord</td>
<td>No</td>
</tr>
<tr>
<td>eAirway</td>
<td>No</td>
<td>eResponse</td>
<td>Yes</td>
</tr>
<tr>
<td>eArrest</td>
<td>Yes</td>
<td>eScene</td>
<td>Yes</td>
</tr>
<tr>
<td>eCAD</td>
<td>No</td>
<td>eSituation</td>
<td>Yes</td>
</tr>
<tr>
<td>eCrew</td>
<td>No</td>
<td>eState</td>
<td>No</td>
</tr>
<tr>
<td>eCustom</td>
<td>No</td>
<td>eTimes</td>
<td>No</td>
</tr>
<tr>
<td>eDevice</td>
<td>No</td>
<td>eVitals</td>
<td>Yes</td>
</tr>
<tr>
<td>eDispatch</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Changes to MedDeviceDataSet are identified as “Yes” because corresponding EMS (ePCR) elements were updated. No changes were made to the structure.
### Deprecated Codes by Element

**dAgency.11 - Level of Service**
- **Code:** 9917017
- **Description:** Nurse

**dConfiguration.02 - State Certification/Licensure Levels**
- **Code:** 9911017
- **Description:** Nurse

**dConfiguration.05 - Protocols Permitted by the State**
- **Code:** 9914039
- **Description:** Exposure-Carbon Monoxide/Smoke Inhalation

**dConfiguration.06 - EMS Certification Levels Permitted to Perform Each Procedure**
- **Code:** 9917017
- **Description:** Nurse

**dConfiguration.08 - EMS Certification Levels Permitted to Administer Each Medication**
- **Code:** 9917017
- **Description:** Nurse

**dConfiguration.10 - EMS Agency Protocols**
- **Code:** 9914039
- **Description:** Exposure-Carbon Monoxide/Smoke Inhalation

**dVehicle.05 - Crew State Certification/Licensure Levels**
- **Code:** 9917017
- **Description:** Nurse

**dPersonnel.24 - EMS Personnel's State EMS Certification Licensure Level**
- **Code:** 9925021
- **Description:** Nurse

**dPersonnel.38 - EMS Professional's Practice Level**
- **Code:** 9925021
- **Description:** Nurse
dFacility.04 - Hospital Designations
  Code: 9908013   Description: STEMI
  Code: 9908015   Description: STEMI Center (24/7)

eResponse.07 - Primary Role of the Unit
  Code: 2207001   Description: Air Transport

eCrew.02 - Crew Member Level
  Code: 9925021   Description: Nurse

ePayment.22 - Relationship to the Insured
  Code: 2622007   Description: Other

eArrest.11 - First Monitored Arrest Rhythm of the Patient
  Code: 3011003   Description: Bradycardia

eProtocols.01 - Protocols Used
  Code: 9914039   Description: Exposure-Carbon Monoxide/Smoke Inhalation

eMedications.08 - Medication Complication
  Code: 3708027   Description: Itching/Urticaria

eMedications.10 - Role/Type of Person Administering Medication
  Code: 9905017   Description: Nurse

eProcedures.10 - Role/Type of Person Performing the Procedure
  Code: 9905017   Description: Nurse
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9908013</td>
<td>STEMI</td>
</tr>
<tr>
<td>9908015</td>
<td>STEMI Center (24/7)</td>
</tr>
</tbody>
</table>
CommonTypes

SimpleType: ANSCountryCodesCAMXUS
Annotation Spelling

Old: ANSI Codes for USA, Mexico, and Canada
New: ANSI Codes for USA, Mexico, and Canada

SimpleType: StateCertificationLicensureLevels
Codes Added

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9917025</td>
<td>Nurse Practitioner</td>
</tr>
<tr>
<td>9917027</td>
<td>Physician Assistant</td>
</tr>
<tr>
<td>9917029</td>
<td>Licensed Practical Nurse (LPN)</td>
</tr>
<tr>
<td>9917031</td>
<td>Registered Nurse</td>
</tr>
</tbody>
</table>

Elements Affected:

dAgency.11 - Level of Service
dConfiguration.06 - EMS Certification Levels Permitted to Perform Each Procedure
dConfiguration.08 - EMS Certification Level Permitted to Administer Each Medication
dVehicle.05 - Crew State Certification/Licensure Levels

SimpleType: LicensureLevels
Codes Added

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9911027</td>
<td>Nurse Practitioner</td>
</tr>
<tr>
<td>9911029</td>
<td>Physician Assistant</td>
</tr>
<tr>
<td>9911031</td>
<td>Licensed Practical Nurse (LPN)</td>
</tr>
<tr>
<td>9911033</td>
<td>Registered Nurse</td>
</tr>
</tbody>
</table>

Elements Affected:

dConfiguration.02 - State Certification Licensure Levels

SimpleType: MemberLevel
Codes Added

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9925037</td>
<td>Nurse Practitioner</td>
</tr>
<tr>
<td>9925039</td>
<td>Physician Assistant</td>
</tr>
<tr>
<td>9925041</td>
<td>Licensed Practical Nurse (LPN)</td>
</tr>
<tr>
<td>9925043</td>
<td>Registered Nurse</td>
</tr>
</tbody>
</table>
Elements Affected:

- `dPersonnel.24` - EMS Personnel's State EMS Certification Licensure Level
- `dPersonnel.38` - EMS Professional's Practice Level
- `eCrew.02` - Crew Member Level

**SimpleType: EMSCaregiverLevel**

Codes Added:

- Code: 9905035, Description: Nurse Practitioner
- Code: 9905037, Description: Physician Assistant
- Code: 9925039, Description: Licensed Practical Nurse (LPN)
- Code: 9925041, Description: Registered Nurse

Elements Affected:

- `eMedications.10` - Role/Type of Person Administering Medication
- `eProcedures.10` - Role/Type of Person Performing the Procedure

**SimpleType: CommonDataType**

Code Added:

- Code: 9902011, Description: Boolean

Elements Affected:

- `eCustomConfiguration.03`
- `dCustomConfiguration.03`

**SimpleType: ProtocolsUsed**

Codes Added:

- Code: 9914167, Description: Exposure-Carbon Monoxide
- Code: 9914169, Description: Cardiac Arrest-Do Not Resuscitate
- Code: 9914171, Description: Cardiac Arrest-Special Resuscitation Orders
- Code: 9914173, Description: Exposure-Smoke Inhalation
- Code: 9914175, Description: General-Community Paramedicine / Mobile Integrated Healthcare
- Code: 9914177, Description: General-Exception Protocol
- Code: 9914179, Description: General-Extended Care Guidelines
- Code: 9914181, Description: General-Interfacility Transfers
- Code: 9914183, Description: General-Law Enforcement - Blood for Legal Purposes
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9914185</td>
<td>General-Law Enforcement - Assist with Law Enforcement Activity</td>
</tr>
<tr>
<td>9914187</td>
<td>General-Neglect or Abuse Suspected</td>
</tr>
<tr>
<td>9914189</td>
<td>General-Refusal of Care</td>
</tr>
<tr>
<td>9914191</td>
<td>Injury-Mass/Multiple Casualties</td>
</tr>
<tr>
<td>9914193</td>
<td>Injury-Thoracic</td>
</tr>
<tr>
<td>9914195</td>
<td>Medical-Adrenal Insufficiency</td>
</tr>
<tr>
<td>9914197</td>
<td>Medical-Apparent Life Threatening Event (ALTE)</td>
</tr>
<tr>
<td>9914199</td>
<td>Medical-Tachycardia</td>
</tr>
</tbody>
</table>

**Elements Affected:**

- dConfiguration.05 - Protocols Permitted by the State
- dConfiguration.10 - EMS Agency Protocols
- eProtocols.01 - Protocols Used

**SimpleType: HospitalDesignation**

**Codes Added**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9908031</td>
<td>Cardiac-STEMI/PCI Capable</td>
</tr>
<tr>
<td>9908033</td>
<td>Cardiac-STEMI/PCI Capable (24/7)</td>
</tr>
<tr>
<td>9908035</td>
<td>Cardiac-STEMI/Non-PCI Capable</td>
</tr>
</tbody>
</table>

**Elements Affected:**

- dFacility.04 - Hospital Designations
- eDisposition.23 - Hospital Designation

**SimpleType: StateCertificationLicensureLevels**

**Codes Definition Modified**

<table>
<thead>
<tr>
<th>Code</th>
<th>Old Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9917005</td>
<td>2009 Emergency Medical Technician</td>
</tr>
</tbody>
</table>

**New Description**: 2009 Emergency Medical Technician (EMT)

**Elements Affected:**

- dAgency.11 - Level of Service
- dConfiguration.06 - EMS Certification Levels Permitted to Perform Each Procedure
- dConfiguration.08 - EMS Certification Level Permitted to Administer Each Medication
- dVehicle.05 - Crew State Certification/Licensure Levels
**SimpleType: LicensureLevels**

**Codes Definition Modified**

**Code: 9911005**  
**Old Description:** 2009 Emergency Medical Technician  
**New Description:** 2009 Emergency Medical Technician (EMT)

**Elements Affected:**

dConfiguration.02 - State Certification Licensure Levels

**SimpleType: EMSCaregiverLevels**

**Codes Definition Modified**

**Code: 9905013**  
**Old Description:** EMT-Paramedic (Based on pre-2009 Curriculum)  
**New Description:** EMT-Paramedic

**Elements Affected:**

eMedications.10 - Role/Type of Person Administering Medication  
eProcedures.10 - Role/Type of Person Performing the Procedure

**SimpleType: ImmunizationType**

**Codes Definition Modified**

**Code: 9910005**  
**Old Description:** DPT (Diphtheria, Tetanus, Pertussis)  
**New Description:** DPT (Diphtheria, Pertussis, Tetanus)

**Elements Affected:**

dPersonnel.18 – EMS Personnel’s Immunization Status  
eHistory.10 - The Patient's Type of Immunization
Minor Typographical / Formatting

Comment Formatting

Old: &lt;div style="font-size:4px">&amp;nbsp;&lt;/div&gt;

New: &lt;br/&gt;&lt;br/&gt;

Elements Affected:

eOutcome.02 - Hospital Disposition
eProtocols.01 - Protocols Used
eScene.08 - Triage Classification for MCI Patient

Comment Formatting

Old: &lt;div style="font-size:3px">&amp;nbsp;&lt;/div&gt;

New: &lt;br/&gt;&lt;br/&gt;

Elements Affected:

eOutcome.01 - Emergency Department Disposition

Comment Formatting

Old: &lt;div style="font-size:6px">&amp;nbsp;&lt;/div&gt;

New: &lt;br/&gt;&lt;br/&gt;

Elements Affected:

dConfiguration.10 - EMS Agency Protocols

eSituation.09 – Primary Symptom

Comment Spelling Fix

SimpleType: FacilityCode

Documentation Spelling Fix

SimpleType: AuthorizationCode

Documentation Spelling Fix
**SimpleType: FacilityCode**
Documentation Spelling Fix

**SimpleType: NeckAssessment**
Documentation Spelling Fix

**SimpleType: SignatureStatus**
Documentation Spelling Fix

**Spelling Fix: ImmunizationType**

<table>
<thead>
<tr>
<th>Code</th>
<th>Old</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>9910039</td>
<td>Shingle</td>
<td>Shingles</td>
</tr>
</tbody>
</table>

**Elements Affected:**
- eHistory.10 - The Patient's Type of Immunization
- dPersonnel.18 - EMS Personnel's Immunization Status

**SimpleType: SignatureStatus**
Documentation Spelling Fix

**eVitals.30 – Stroke Scale Type**

**Spelling Fix**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3330011</td>
<td>Other Stroke Scale Type</td>
</tr>
</tbody>
</table>
**dAgency**

**dAgency.05 – Agency Service Area States**

**Comment Change**

**Old:** Element added to document all of the states in which the EMS agency provides services. Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

**New:** Each state is captured as a group where the EMS agency provides service. The group includes dAgency.05, dAgency.06, dAgency.07, and Agency.08.

Element added to document all of the states in which the EMS agency provides services. Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

**dAgency.25 – National Provider Identifier**

**Definition Change**

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

**New:** The National Provider Identifier issued by CMS.

**New Comment**

**New:** Only EMS Agencies billing for service will have an NPI number.

CMS (Centers for Medicare and Medicaid Services) NPI Registry lookup: [https://npiregistry.cms.hhs.gov/NPPESRegistry/NPIRegistryHome.do](https://npiregistry.cms.hhs.gov/NPPESRegistry/NPIRegistryHome.do)
dConfiguration

dConfiguration.02 – State Certification Licensure Levels
Name change

Old: State Certification Licensure Levels
New: State Certification/Licensure Levels

dConfiguration.07 – EMS Agency Procedures
Comment Change

Old: This is associated with the EMS Agency Number (dAgency.02) since each EMS Agency Number may have different capabilities. Each procedure is associated with the EMS professional certification levels permitted to perform the procedure.

EMS Agencies may identify additional SNOMEDCT procedure codes based on medical direction and their own need. If an agency resides in a state with statewide approved procedures, they should be listed/implemented here.

Code list is represented in SNOMEDCT: Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html

SNOMEDCT
Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html
Product: Product - UMLS Metathesaurus

The EMS agency should submit "Not Applicable" and "Nil" to the state system for the demographic export. The state EMS system does not need to import this information into their database. It is the responsibility of the state to submit this element to the national EMS database (NEMSIS). Reference the Demographic Dataset Submission Guide for further details.

New: This is associated with the EMS Agency Number (dAgency.02) since each EMS Agency Number may have different capabilities. Each procedure is associated with the EMS professional certification levels permitted to perform the procedure.
EMS Agencies may identify additional SNOMEDCT procedure codes based on medical direction and their own need. If an agency resides in a state with statewide approved procedures, they should be listed/implemented here.

Code list is represented in SNOMEDCT: Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html

SNOMEDCT
Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html
Product: Product - UMLS Metathesaurus

dConfiguration.09 – EMS Agency Medications

Comment Change

Old: The medication list is stored as the RxNorm (RXCUI) Code. This is associated with the EMS Agency Number (dAgency.02) since each EMS Agency Number may have different capabilities.

The EMS agency should submit "Not Applicable" and "Nil" to the state system for the demographic export. The state EMS system does not need to import this information into their database. It is the responsibility of the state to submit this element to the national EMS database (NEMSIS). Reference the Demographic Dataset Submission Guide for further details.

List of medications based on RxNorm (RXCUI) code. Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html

RxNorm
Product - UMLS Metathesaurus
Product - RxNorm Full Monthly Release

New: The medication list is stored as the RxNorm (RXCUI) Code. This is associated with the EMS Agency Number (dAgency.02) since each EMS Agency Number may have different capabilities.

List of medications based on RxNorm (RXCUI) code. Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html
RxNorm

Product - UMLS Metathesaurus
Product - RxNorm Full Monthly Release

dConfiguration.08 – EMS Certification Level Permitted to Administer Each Medication
Name Change

Old: dConfiguration.08 - EMS Certification Level Permitted to Administer Each Medication
New: dConfiguration.08 - EMS Certification Levels Permitted to Administer Each Medication

dConfiguration.17 – Dispatch Center (CAD) Name or ID
Definition Change

Old: The name or ID of the dispatch center providing electronic data to the PCR for the EMS agency, if applicable.
New: The name or ID of the dispatch center (Primary or Secondary Service Answering Point - PSAP) that dispatches the EMS agency.
dContact

dContact.06 – Agency Contact City

Definition Change

Old: The city of the Agency contact's mailing address.

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

Comment Change

Old: The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.

Based on GNIS Civil Code or Populated Place code.

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

New: The city should be the mailing address for each contact type for the EMS agency. 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”.

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.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

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

dContact.12 – EMS Agency Contact Web Address

Comment Change

Old: The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.

Zip Codes Product Website:
https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/

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

**dFacility.04 – Hospital Designations**

Removed Comment

**dFacility.08 – Facility City**

**Definition Change**

**Old:** The city where the facility is located.

**New:** The city where the facility is located (physical address).

**Comment Change**

**Old:** Based on GNIS Civil Code or Populated Place code. The information contained within this element could be used to populate the address information within eScene.17 (Incident City) and/or eDisposition.04 (Destination City) as appropriate.

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

**New:** The information contained within this element could be used to populate the address information within eScene.17 (Incident City) and/or eDisposition.04 (Destination City) as appropriate.

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.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

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

dLocation.07 - EMS Location City

Definition Change

**Old:** The city of the EMS Location.

**New:** The city of the EMS location type (e.g. fixed station, sub-station, staging area, etc).

Comment Change

**Old:** Based on GNIS Civil Code or Populated Place code.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

**New:** 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.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)
dPersonnel

dPersonnel.05 - EMS Personnel's City of Residence
Comment Change

Old: Based on GNIS Civil Code or Populated Place code.

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

New: 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.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

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

dPersonnel.34 - EMS Personnel's Primary EMS Job Role
Comment Change

Old: This is a single choice data element which should reflect the EMS Personnel's primary/main job role for which he/she functions. It is understood that most EMS personnel perform more than one role as a part of their position. Other roles should be documented in dPersonnel.36 (EMS Personnel's Other Job Responsibilities).

New: This is a single choice data element which should reflect the EMS Personnel's primary/main job role for which he/she functions. It is understood that most EMS personnel perform more than one role as a part of their position. Other roles should be documented in dPersonnel.35 (EMS Personnel's Other Job Responsibilities).
dState

dState.01 – State Required Element

Comment Added

**Added:** This element was created to document elements required by the state. The TIMESTAMP attribute describes the active date of the element.
eArrest

eArrest.01 - Cardiac Arrest

Definition Change

**Old:** Indication of the presence of a cardiac arrest at any time.

**New:** Indication of the presence of a cardiac arrest at any time during this EMS event.

Comment Change

**Old:** This element is a component of the Utstein Cardiac Arrest Criteria.

**New:** This element is a component of the Utstein Cardiac Arrest Criteria.

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 EMS Arrival".

eArrest.12 - Any Return of Spontaneous Circulation

Comment Change

**Old:** This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports". http://circ.ahajournals.org/cgi/content/full/110/21/3385

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. The cardiac rhythm list has been updated to be the same for eVitals.03 (Cardiac Rhythm Electrocardiography (ECG)). 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

**New:** This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports". http://circ.ahajournals.org/cgi/content/full/110/21/3385
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.

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.

eArrest.18 – End of EMS Cardiac Arrest Event

Comment Change

Old: A resuscitation event is deemed to have ended when death is declared or spontaneous circulation is restored and sustained for 20 minutes or longer.

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
http://circ.ahajournals.org/cgi/content/full/110/21/3385

New: This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".  
http://circ.ahajournals.org/cgi/content/full/110/21/3385

Codes Added

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3018007</td>
<td>ROSC in the Field</td>
</tr>
<tr>
<td>3018009</td>
<td>ROSC in the ED</td>
</tr>
<tr>
<td>3018011</td>
<td>Ongoing Resuscitation by Other EMS</td>
</tr>
</tbody>
</table>
eCad

eCad.53 – Last Name
Comment Removed

  Removed: Pertinent negatives accepted with option of "Unable to Complete" or "Refused"

eCad.54 – First Name
Comment Removed

  Removed: Pertinent negatives accepted with option of "Unable to Complete" or "Refused"
**eCustomResults**

**eCustomResults.01 - Custom Data Element Result**

**Definition Change**

**Old:** The actual value or values chosen (if values listed in dCustomConfiguration.06) or result (free text, Date/Time, or number) documented for the Custom Data Element

**New:** The actual value or values chosen (if values listed in eCustomConfiguration.06) or result (free text, Date/Time, or number) documented for the Custom Data Element
**eExam**

**eExam.04 - Skin Assessment**

*New Comment*

**New:** Element eExam.04 - Skin Assessment represents Version 2.2.1 elements E15_01 NHTSA Injury Matrix External/Skin and E16_04 Skin Assessment. The element value choices have been combined and expanded.

**eExam.05 - Head Assessment**

*New Comment*

**New:** Element eExam.05 - Head Assessment represents Version 2.2.1 elements E15_02 NHTSA Injury Matrix Head and E16_05 Head/Face Assessment. The element value choices have been combined and expanded.

**eExam.06 - Face Assessment**

*New Comment*

**New:** Element eExam.06 - Face Assessment represents Version 2.2.1 element E15_03 NHTSA Injury Matrix Face. The element value choices have been expanded.

**eExam.07 - Neck Assessment**

*New Comment*

**New:** Element eExam.07 - Neck Assessment represents Version 2.2.1 elements E15_04 NHTSA Injury Matrix Neck and E16_06 Neck Assessment. The element value choices have been combined and expanded.

**eExam.08 - Chest/Lungs Assessment**

*New Comment*

**New:** Element eExam.08 - Chest/Lungs Assessment represents Version 2.2.1 element E16_07 Chest/Lungs Assessment. The element value choices have been expanded.

**eExam.09 - Heart Assessment**

*New Comment*
New: Element eExam.09 - Heart Assessment represents Version 2.2.1 element E16_08 Heart Assessment. The element value choices have been expanded.

eExam.10 - Abdominal Assessment Finding Location

New Comment

New: Element eExam.10 - Abdominal Assessment Finding Location represents Version 2.2.1 elements E15_06 NHTSA Injury Matrix Abdomen AND E16_09 Abdomen Left Upper Assessment, E16_10 Abdomen Left Lower Assessment, E16_11 Abdomen Right Upper Assessment, and E16_12 Abdomen Right Lower Assessment. The element value choices have been combined and expanded.

eExam.11 - Abdomen Assessment

New Comment

New: Element eExam.11 - Abdomen Assessment represents Version 2.2.1 elements E15_06 NHTSA Injury Matrix Abdomen AND E16_09 Abdomen Left Upper Assessment, E16_10 Abdomen Left Lower Assessment, E16_11 Abdomen Right Upper Assessment, and E16_12 Abdomen Right Lower Assessment. The element value choices have been combined and expanded.

eExam.12 - Pelvis/Genitourinary Assessment

New Comment

New: Element eExam.12 - Pelvis/Genitourinary Assessment represents Version 2.2.1 elements E15_09 NHTSA Injury Matrix Pelvis and E16_13 GU Assessment. The element value choices have been combined and expanded.

eExam.13 - Back and Spine Assessment Finding Location

New Comment

eExam.14 - Back and Spine Assessment

New Comment


eExam.15 - Extremities Assessment Finding Location

New Comment


eExam.16 - Extremities Assessment

New Comment


eExam.17 - Eye Assessment Finding Location

New Comment

New: Element eExam.17 - Eye Assessment Finding Location represents Version 2.2.1 elements E16_21 Eyes-Left Assessment and E16_22 Eyes-Right Assessment. The eye location value choices have been expanded.

eExam.18 - Eye Assessment

New Comment
**New:** Element eExam.18 - Eye Assessment represents Version 2.2.1 elements E16_21 Eyes-Left Assessment and E16_22 Eyes-Right Assessment. The eye assessment value choices have been combined and expanded.

**eExam.19 - Mental Status Assessment**

**New Comment**

**New:** Element eExam.19 - Mental Status Assessment represents Version 2.2.1 element E16_23 Mental Status Assessment. The element value choices have been expanded.

**eExam.20 - Neurological Assessment**

**New Comment**

**New:** Element eExam.20 - Neurological Assessment represents Version 2.2.1 element E16_24 Neurological Assessment. The element value choices have been expanded.

**Codes Added**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3520047</td>
<td>Reported Stroke Symptoms Resolved Prior to EMS Arrival</td>
</tr>
<tr>
<td>3520049</td>
<td>Reported Stroke Symptoms Resolved in EMS Presence</td>
</tr>
</tbody>
</table>
eDispatch

eDispatch.01 – Complaint Reported by Dispatch

Code Added

**Code:** 2301083  **Description:** Airmedical Transport

Comment Change

**Old:**  Added Pandemic/Epidemic/Outbreak.
Added Automated Crash Notification
Added Healthcare Professional Admission
Added Interfacility/Evaluation/Transfer
- Other entries expanded based on current national EMD Dispatch List

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

---

eDispatch.05 – Dispatch priority (Patient Acuity)

Comment Addition

**Added:**  For Air Medical Transports the most appropriate values choices should be limited to two: Emergent [Priority 2] and Non-Emergent (Priority 4)
eDisposition

eDisposition.04 – Destination City

Definition Change

**Old:** The city name of the destination the patient was delivered or transferred to.

**New:** The city of the destination the patient was delivered or transferred to (physical address).

Comment Change

**Old:** Based on GNIS Civil Code or Populated Place code. May be auto-populated if list created in dFacility.08 (Facility City).

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

**New:** 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.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

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

eDisposition.12 - Incident/Patient Disposition

Code Definition Updates

<table>
<thead>
<tr>
<th>Code</th>
<th>Old Description</th>
<th>New Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4212009</td>
<td>No Patient Contact (Canceled on Scene)</td>
<td>Canceled on Scene (No Patient Contact)</td>
</tr>
<tr>
<td>4212011</td>
<td>No Patient Found (Canceled on Scene)</td>
<td>Canceled on Scene (No Patient Found)</td>
</tr>
<tr>
<td>4212031</td>
<td>Patient Treated, Transferred Care to Another EMS Professional</td>
<td>Patient Treated, Transferred Care to Another EMS Unit</td>
</tr>
<tr>
<td>4212033</td>
<td>Patient Treated, Transported by EMS</td>
<td>Patient Treated, Transported by this EMS Unit</td>
</tr>
<tr>
<td>4212043</td>
<td>Transport of Body Parts or Organs Only</td>
<td>Transport Non-Patient, Organs, etc.</td>
</tr>
</tbody>
</table>
eDisposition.18 – Additional Transport Mode Descriptors

Codes Added

- **Code**: 4218011  **Description**: Lights and Sirens
- **Code**: 4218013  **Description**: Lights and No Sirens
- **Code**: 4218015  **Description**: No Lights or Sirens
- **Code**: 4218017  **Description**: Initial No Lights or Sirens, Upgraded to Lights and Sirens
- **Code**: 4218019  **Description**: Initial Lights and Sirens, Downgraded to No Lights or Sirens

eDisposition.21 – Type of Destination

Codes Added

- **Code**: 4221021  **Description**: Urgent Care
- **Code**: 4221023  **Description**: Freestanding Emergency Department

eDisposition.23 – Hospital Designation

Definition Change

**Old**: The designation associated with the hospital for this transport (e.g. Trauma, STEMI, Peds, etc)

**New**: The primary hospital capability associated with the patient's condition for this transport (e.g. Trauma, STEMI, Peds, etc).

eDisposition.24 – Destination Team Pre-Arrival Activation

Element Name Change

**Old**: Destination Team Pre-Arrival Activation

**New**: Destination Team Pre-Arrival Alert or Activation

Definition Change

**Old**: Activation by EMS of the appropriate destination healthcare facility team. The activation should occur prior to the EMS Unit arrival at the destination with the patient.

**New**: 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.
**Code Added**

**Code:** 4224017  **Description:** Yes-Trauma (General)

---

eDisposition.25 – Date/Time of Destination Prearrival Activation

**Element Name Change**

**Old:** Date/Time of Destination Prearrival Activation

**New:** Date/Time of Destination Prearrival Alert or Activation

---

**Definition Change**

**Old:** Date/Time EMS Notified/Activated the Destination Healthcare Facility Team prior to EMS arrival for acute ill or injured patient.

**New:** 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.
eInjury

eInjury.04 - Vehicular, Pedestrian, or Other Injury Risk Factor

Definition Change

Old: The kind of risk factor predictors present at the incident

New: Field Triage Criteria for transport to a trauma center as defined by the Centers for Disease Control and Prevention and the American College of Surgeons-Committee on Trauma.

Comment Change

Old: Added additional mechanism or risk indicators based on CDC 2011 Guidelines for the Field Triage of Injured Patients Step 3.

New: 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. Website: http://www.cdc.gov/FieldTriage/

Codes Added

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2904017</td>
<td>SBP &lt; 110 for age &gt; 65</td>
</tr>
<tr>
<td>2904019</td>
<td>Anticoagulants and Bleeding Disorders</td>
</tr>
<tr>
<td>2904021</td>
<td>Pregnancy &gt; 20 weeks</td>
</tr>
<tr>
<td>2904023</td>
<td>EMS Provider Judgment</td>
</tr>
</tbody>
</table>
### eLabs

#### eLabs.03 – Laboratory Result Type

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3403089</td>
<td>Ammonia</td>
</tr>
<tr>
<td>3403091</td>
<td>Bicarbonate (HCO3)</td>
</tr>
<tr>
<td>3403093</td>
<td>Carboxyhemoglobin</td>
</tr>
<tr>
<td>3403095</td>
<td>CO2, Total (Bicarbonate)</td>
</tr>
<tr>
<td>3403097</td>
<td>CRP (C-Reactive Protein)</td>
</tr>
<tr>
<td>3403099</td>
<td>Dilantin</td>
</tr>
<tr>
<td>3403101</td>
<td>Leukocytes</td>
</tr>
<tr>
<td>3403103</td>
<td>Nitrates</td>
</tr>
<tr>
<td>3403105</td>
<td>Phenobarbital</td>
</tr>
<tr>
<td>3403107</td>
<td>Protein</td>
</tr>
<tr>
<td>3403109</td>
<td>Salicylate</td>
</tr>
<tr>
<td>3403111</td>
<td>Specific Gravity</td>
</tr>
<tr>
<td>3403113</td>
<td>Tylenol</td>
</tr>
</tbody>
</table>
eMedDevice

**eMedDevice.11 – (ePatient.02) Last Name**
*Comment Removed*

**Removed:** Pertinent negatives accepted with option of "Unable to Complete" or "Refused"

**eMedDevice.12 – (ePatient.03) First Name**
*Comment Removed*

**Removed:** Pertinent negatives accepted with option of "Unable to Complete" or "Refused"
eMedications

eMedications.08 – Medication Complications

Codes Added

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3708043</td>
<td>Itching</td>
</tr>
<tr>
<td>3708045</td>
<td>Urticaria</td>
</tr>
</tbody>
</table>
### eOther

**eOther.13 – Signature Reason**

**Codes Added**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4513009</td>
<td>Refusal of Care</td>
</tr>
<tr>
<td>4513011</td>
<td>Controlled Substance, Administration</td>
</tr>
<tr>
<td>4513013</td>
<td>Controlled Substance, Waste</td>
</tr>
<tr>
<td>4513015</td>
<td>Airway Verification</td>
</tr>
<tr>
<td>4513017</td>
<td>Patient Belongings (Receipt)</td>
</tr>
<tr>
<td>4513019</td>
<td>Permission to Transport</td>
</tr>
<tr>
<td>4513021</td>
<td>Refusal of Transport</td>
</tr>
<tr>
<td>4513023</td>
<td>Other</td>
</tr>
</tbody>
</table>
ePatient

ePatient.05 – Patient’s Home Address
Definition Change

Old: The patient’s home mailing or street address

New: Patient's address of residence

ePatient.06 – Patient’s Home City
Definition Change

Old: The patient’s home city or township or residence

New: The patient’s primary city or township of residence.

Comment Change

Old: Based on GNIS Civil Code or Populated Place code.

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

New: 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.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

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

ePatient.07 – Patient’s Home County
Definition Change

Old: The patient's home county or parish or residence

New: The patient's home county or parish of residence.

ePatient.08 – Patient’s Home State
Definition Change

Old: The patient’s home state, territory, or province, or District of Columbia, where the patient resides.

New: The state, territory, or province where the patient resides.
ePatient.09 – Patient’s Home ZIP Code
Definition Change

Old: The patient’s home ZIP code of residence

New: The patient’s ZIP code of residence.

ePatient.10 – Patient’s Home Country
Definition Change

Old: The country in which the patient lives.

New: The country of residence of the patient.
**ePayment.01 – Primary Method of Payment**

**New Codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2601015</td>
<td>Payment by Facility</td>
</tr>
<tr>
<td>2601017</td>
<td>Contracted Payment</td>
</tr>
<tr>
<td>2601019</td>
<td>Community Network</td>
</tr>
<tr>
<td>2601021</td>
<td>No Insurance Identified</td>
</tr>
<tr>
<td>2601023</td>
<td>Other Payment Option</td>
</tr>
</tbody>
</table>

**ePayment.05 – Healthcare Provider Type Signing Physician Certification Statement**

**New Comment**

**New:** CMS defines the individual signing the PCS as a person who has personal knowledge of the beneficiary's condition at the time the ambulance transport is ordered or the service is furnished.

**ePayment.09 – Insurance Company ID**

**New Comment**

**New:** This element should be used as the Health Plan ID (HPID) field in X12. It is currently under development for X12 and will be a future release.

**ePayment.11 – Insurance Company Billing Priority**

**New Codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2611007</td>
<td>Tertiary</td>
</tr>
<tr>
<td>2611009</td>
<td>Payer Responsibility Four</td>
</tr>
<tr>
<td>2611011</td>
<td>Payer Responsibility Five</td>
</tr>
<tr>
<td>2611013</td>
<td>Payer Responsibility Six</td>
</tr>
<tr>
<td>2611015</td>
<td>Payer Responsibility Seven</td>
</tr>
<tr>
<td>2611017</td>
<td>Payer Responsibility Eight</td>
</tr>
<tr>
<td>2611019</td>
<td>Payer Responsibility Nine</td>
</tr>
<tr>
<td>2611021</td>
<td>Payer Responsibility Ten</td>
</tr>
<tr>
<td>2611023</td>
<td>Payer Responsibility Eleven</td>
</tr>
<tr>
<td>2611025</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**ePayment.13 – Insurance Company City**

**Definition Change**
Old: The insurance company's city or township

New: The insurance company's city or township used for mailing purposes.

Comment Change

Old: Based on GNIS Civil Code or Populated Place code.

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

New: 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.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

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

ePayment.22 – Relationship to the Insured

New Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2622009</td>
<td>Cadaver Donor</td>
</tr>
<tr>
<td>2622011</td>
<td>Employee</td>
</tr>
<tr>
<td>2622013</td>
<td>Life/Domestic Partner</td>
</tr>
<tr>
<td>2622015</td>
<td>Organ Donor</td>
</tr>
<tr>
<td>2622017</td>
<td>Unknown</td>
</tr>
<tr>
<td>2622019</td>
<td>Other Relationship</td>
</tr>
</tbody>
</table>

New Comment

New: Descriptors are consistent with X12 Loop 2000C PAT01, Specifies the patient's relationship to the person insured.

ePayment.26 – Closest Relative/ Guardian Street Address

Definition Change

Old: The home street address of the patient's closest relative or guardian.

New: The street address of the residence of the patient's closest relative or guardian.

ePayment.27 – Closest Relative/ Guardian City

Definition Change

Old: The home city of the patient's closest relative or guardian.
**New:** The primary city or township of residence of the patient's closest relative or guardian.

**Comment Change**

**Old:** Based on GNIS Civil Code or Populated Place code.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

**New:** 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.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

**ePayment.28 – Closest Relative/Guardian State**

**Definition Change**

**Old:** The home state of the patient's closest relative or guardian

**New:** The state of residence of the patient's closest relative or guardian.

**ePayment.29 – Closest Relative/Guardian ZIP Code**

**Definition Change**

**Old:** The home ZIP Code of the patient's closest relative or guardian

**New:** The ZIP Code of the residence of the patient's closest relative or guardian.

**ePayment.30 – Closest Relative/Guardian Country**

**Definition Change**

**Old:** The home country of the patient's closest relative or guardian

**New:** The country of residence of the patient's closest relative or guardian.

**ePayment.32 – Closest Relative/Guardian Relationship**

**New Codes**
**Code**: 2632017  
**Description**: Employee

**Code**: 2632019  
**Description**: Life/Domestic Partner

**Code**: 2632021  
**Description**: Unknown

---

**ePayment.35 - Patient's Employer's City**

**Definition Change**

**Old**: The city of the patient's employer

**New**: The city or township of the patient's employer used for mailing purposes.

**Comment Change**

**Old**: Based on GNIS Civil Code or Populated Place Code.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

**New**: 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.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

GNIS Codes Website: [http://geonames.usgs.gov/domestic/download_data.htm](http://geonames.usgs.gov/domestic/download_data.htm)

---

**ePayment.46 - Stretcher Purpose Description**

**Definition Change**

**Old**: Added to improve billing using CMS X12 transactions based on CR110. Ambulance providers can use this field to provide additional information regarding the patient's condition that warranted the use of a stretcher or for other medical necessity documentation.

**New**: Added to improve billing using CMS X12 transactions based on CR110. Documentation of Stretcher Purpose Description (ePayment.46) is required when needed to justify use of a stretcher. (X12 - Loop 2300 CR110).

**Removed “Version 3 Changes Implemented” Comment**

**Old**: Added to improve billing with electronic claims using X12
**ePayment.42 - Specialty Care Transport Care Provider**

**New Codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2642011</td>
<td>2009 Emergency Medical Responder (EMR)</td>
</tr>
<tr>
<td>2642013</td>
<td>2009 Emergency Medical Technician (EMT)</td>
</tr>
<tr>
<td>2642015</td>
<td>2009 Advanced Emergency Medical Technician (AEMT)</td>
</tr>
<tr>
<td>2642017</td>
<td>2009 Paramedic</td>
</tr>
<tr>
<td>2642019</td>
<td>First Responder</td>
</tr>
<tr>
<td>2642021</td>
<td>EMT-Basic</td>
</tr>
<tr>
<td>2642023</td>
<td>EMT-Intermediate</td>
</tr>
<tr>
<td>2642025</td>
<td>EMT-Paramedic</td>
</tr>
<tr>
<td>2642027</td>
<td>Other Healthcare Professional</td>
</tr>
<tr>
<td>2642029</td>
<td>Other Non-Healthcare Professional</td>
</tr>
<tr>
<td>2642031</td>
<td>Respiratory Therapist</td>
</tr>
<tr>
<td>2642033</td>
<td>Student</td>
</tr>
<tr>
<td>2642035</td>
<td>Critical Care Paramedic</td>
</tr>
<tr>
<td>2642037</td>
<td>Community Paramedicine</td>
</tr>
<tr>
<td>2642039</td>
<td>Registered Nurse</td>
</tr>
</tbody>
</table>
### eProcedures.07 – Procedure Complication

**New Code**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3907047</td>
<td>Bradycardia</td>
</tr>
</tbody>
</table>

### eProcedures.10 – Role/Type of Person Performing the Procedure

**v3Changes Update**

<table>
<thead>
<tr>
<th>Code</th>
<th>Old Description</th>
<th>New Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3913035</td>
<td>Added to document the type of healthcare professional administering the medication.</td>
<td>Added to document the type of healthcare professional performing the procedure.</td>
</tr>
</tbody>
</table>

### eProcedures.13 – Vascular Access Location

**Code Description Update**

<table>
<thead>
<tr>
<th>Code</th>
<th>Old Description</th>
<th>New Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3913035</td>
<td>IO-Femoral-Right Distal IO</td>
<td>IO-Femoral-Right Distal</td>
</tr>
</tbody>
</table>

**New Codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3913071</td>
<td>Upper Arm-Left</td>
</tr>
<tr>
<td>3913073</td>
<td>Upper Arm-Right</td>
</tr>
<tr>
<td>3913075</td>
<td>Radial-Left</td>
</tr>
<tr>
<td>3913077</td>
<td>Radial-Right</td>
</tr>
</tbody>
</table>
eResponse

eResponse.07 – Primary Role of the Unit

New Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2207011</td>
<td>Air Transport-Helicopter</td>
</tr>
<tr>
<td>2207013</td>
<td>Air Transport-Fixed Wing</td>
</tr>
</tbody>
</table>

eResponse.09 – Type of Response Delay

New Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2209031</td>
<td>Mechanical Issue-Unit, Equipment, etc</td>
</tr>
<tr>
<td>2209033</td>
<td>Flight Planning</td>
</tr>
</tbody>
</table>

eResponse.10 – Type of Scene Delay

New Code

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2210039</td>
<td>Mechanical Issue-Unit, Equipment, etc</td>
</tr>
</tbody>
</table>

eResponse.11 – Type of Transport Delay

New Code

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2211031</td>
<td>Patient Condition Change (e.g. Unit Stopped)</td>
</tr>
</tbody>
</table>

eResponse.12 – Type of Turn-Around Delay

New Code

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2212033</td>
<td>EMS Crew Accompanies Patient for Facility Procedure</td>
</tr>
</tbody>
</table>

eResponse.16 – Vehicle Dispatch Location

Comment Change

Old: This element can be populated from dLocation.02 EMS Location Name or dFacility information. Depending on the information the EMS Agency or State is interested in knowing the following elements can be utilized:

1. dLocation.02 EMS Location Name
2. dFacility.02 Facility Name
3. dFacility.03 Facility Code
4. dFacility.15 Facility GPS Location

**New:** This element can be populated from dLocation.02 EMS Location Name or dFacility information. Depending on the information the EMS Agency or State is interested in knowing the following elements can be utilized:

1. dLocation.02 EMS Location Name
2. dFacility.02 Facility Name
3. dFacility.03 Facility Code

**eResponse.24 – Additional Response Mode Descriptors**

**New Codes**

- **Code:** 2224015  **Description:** Lights and Sirens
- **Code:** 2224017  **Description:** Lights and No Sirens
- **Code:** 2224019  **Description:** No Lights or Sirens
- **Code:** 2224021  **Description:** Initial No Lights or Sirens, Upgraded to Lights and Sirens
- **Code:** 2224023  **Description:** Initial Lights and Sirens, Downgraded to No Lights or Sirens
eState

eState.01 – State Required Element

Comment Added

*Added:* This element was created to document elements required by the state. The TIMESTAMP attribute describes the active date of the element.
eScene

eScene.17 – Incident City

Comment

Change

**Old:** Based on GNIS Civil Code or Populated Place code.

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

**New:** 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.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

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

eVitals.04 – ECG Type

**Code:** 3304015

**Old Description:** Other (Not Listed)

**New Description:** Other (AED, Not Listed)

eVitals.16 – Carbon Dioxide (CO2)

**Definition Change**

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

**New:** The numeric value of the patient's end-tidal CO2 level.

**New Comment**

**New:** Generally the numeric CO2 level is measured in millimeters of mercury (mmHg). End-tidal is the same as exhaled.

eVitals.17 – Carbon Monoxide (CO)

**Definition Change**

**Old:** The patient's carbon monoxide level measured in parts per million (ppm).

**New:** The patient's carbon monoxide level measured in %COHb.

eVitals.GlasgowScoreGroup

**Documentation Tag Change**

**Old:** Group Tag to hold the details of patient's glasgow score.

**New:** Group Tag to hold the details of patient's glasgow coma scale.

eVitals.25 – Temperature Method

**New Code**

**Code:** 3325017

**Description:** Skin Probe
**eVitals.27 – Pain Scale**

**Name Change**

- **Old:** Pain Scale
- **New:** Pain Scale Score

**eVitals.29 – Stroke Scale Score**

**Definition Change**

- **Old:** The patient’s Stroke Scale Results.
- **New:** The findings or results of the Stroke Scale Type (eVitals.30) used to assess the patient exhibiting stroke-like symptoms.

**eVitals.30 – Stroke Scale Type**

**Code Added**

- **Code:** 3330013
- **Description:** F.A.S.T. Exam