NEMSIS v3.5.1 to v3.5.0 Translation

# Date

January 8, 2025

# Overview

The NEMSIS v3.5.1 to v3.5.0 Translation provides XSL transformations to translate NEMSIS EMSDataSet, DEMDataSet, and StateDataSet documents from version 3.5.1.250115 to version 3.5.0.230317CP4.

# Elements Removed

Do not map the following elements that are new in v3.5.1.

| Element No. | Element Name |
| --- | --- |
| ePatient.23 | Name Suffix |
| ePatient.24 | Patient's Preferred Language(s) |
| eScene.25 | Transferred Patient/Care To/From Agency |
| eVitals.34 | Stroke Scale Score |
| eMedications.13 | Medication Administered by Another Unit |
| eProcedures.14 | Airway Placement Technique |
| eProcedures.15 | Procedure Performed by Another Unit |
| eOutcome.21 | Injury Severity Score |
| dRecord |  |
| dRecord.SoftwareApplicationGroup |  |
| dRecord.01 | Software Creator |
| dRecord.02 | Software Name |
| dRecord.03 | Software Version |
| dAgency.27 | Licensed Agency |

# Code Mappings

Map codes that are new in v3.5.1 as follows.

| Element No. | Element Name | 3.5.1 | 3.5.0 |
| --- | --- | --- | --- |
| eResponse.09 | Type of Response Delay | 2209035 | Out of Service Area Response | 2209013 | Other |
| eDispatch.01 | Dispatch Reason | 2301093 | Hanging/Strangulation/Asphyxiation | 2301051 | No Other Appropriate Choice |
| 2301095 | Intoxicated Subject |
| 2301097 | EMS Requested by Law Enforcement |
| 2301099 | Active Shooter |
| ePatient.14 | Race | *PN* | *Any Pertinent Negative* | *NV=7701003* | *Not Recorded* |
| 2514013 | Middle Eastern or North African | 2514011 | White |
| eArrest.14 | Date/Time of Cardiac Arrest | *PN=8801023* | Unable to Complete | *NV=7701003* | *Not Recorded* |
| eHistory.17 | Alcohol/Drug Use Indicators | 3117015 | Bystander/Family Reports Drug Use | *NV=7701003* | *Not Recorded* |
| 3117017 | Bystander/Family Reports Alcohol Use |
| eVitals.30 | Stroke Scale Type | 3330025 | Vision, Aphasia, Neglect (VAN) | 3330011 | Other Stroke Scale Type |
| 3330027 | FAST-ED | 3330013 | FAST-ED |
| 3330029 | BEFAST | 3330011 | Other Stroke Scale Type |
| eExam.13 | Back and Spine Assessment Finding Location | 3513029 | Flank-Left | 3513009 | Lumbar-Left |
| 3513031 | Flank-Right | 3513013 | Lumbar-Right |
| eAirway.08 | Airway Complications Encountered | *PN=8801015* | *None Reported* | *NV=7701003* | *Not Recorded* |
| eDisposition.14 | Position of Patient During Transport | 4214021 | Pediatric Ambulance Restraint Device | 4214009 | Other |
| 4214023 | Neonatal Ambulance Restraint Device |
| 4214025 | Patient's Car Seat | 4214001 | Car Seat |
| 4214027 | Ambulance Integrated Car Seat |
| eDisposition.31 | Reason for Refusal/Release | 4231017 | Patient Elopement | 4231015 | Other, Not Listed |
| eOther.06 | The Type of Work-Related Injury, Death or Suspected Exposure | 4506031 | Violence-Offensive, Intimidating, or Hateful Language | 4506029 | Other |
| 4506033 | Violence-Physical Threat, or Threatening Behavior |
| 4506035 | Violence-Physical Attack or Attempt to Attack |
| 4506037 | Violence-Unwelcome Sexual Attention, Remarks, Jokes or Gestures |
| 4506039 | Violence-Unwanted Touching of a Sexual Nature |
| 4506041 | Struck-by-Struck by Vehicle Along Roadway |
| dPersonnel.13 | EMS Personnel's Race | 1513013 | Middle Eastern or North African | 1513011 | White |

# eResponse.18 - Vehicle Dispatch Location US National Grid CoordinateseScene.12 - Scene US National Grid CoordinateseDisposition.10 - Destination Location US National Grid CoordinatesdLocation.05 - EMS Location US National Grid CoordinatesdFacility.14 - Facility US National Grid CoordinatessFacility.14 - Facility US National Grid Coordinates

Convert 10-digit grid coordinates to 8 digits by rounding each 5-digit set to 4 digits.

# ePatient.18 - Patient's Phone NumberePayment.31 - Closest Relative/ Guardian Phone NumberePayment.39 - Patient's Employer's Primary Phone NumberePayment.59 - Insurance Company Phone NumbereInjury.13 - ACN Call Back Phone NumberdContact.10 - Agency Contact Phone NumberdLocation.12 - EMS Location Phone NumberdPersonnel.09 - EMS Personnel's Phone NumberdFacility.15 - Facility Phone NumbersFacility.15 - Facility Phone Number

Convert US phone numbers recorded in international format.

Remove international phone numbers.

# eSituation.09 - Primary SymptomeSituation.10 - Other Associated SymptomseSituation.11 - Provider's Primary ImpressioneSituation.12 - Provider's Secondary Impressions

Map to Not Value 7701003 (Not Recorded) if ICD-10 code begins with “U” (if eSituation.10 Other Associated Symptoms has a Pertinent Negative, the Pertinent Negative is also removed).

# eSituation.18 - Date/Time Last Known WelleArrest.14 - Date/Time of Cardiac Arrest

Remove Pertinent Negative 8801029 (Approximate).

# eHistory.07 - Environmental/Food Allergies

Remove if SNOMED code is longer than 15 characters.

# eProcedures.03 - Procedure

Map to Not Value 7701003 (Not Recorded) if SNOMED code is longer than 15 characters (if the element has a Pertinent Negative, the Pertinent Negative is also removed).

# eHistory.08 - Medical/Surgical History

Remove if ICD-10 code begins with “U”.

There is no way to distinguish between a 3-character ICD-10-CM code and a 3-character ICD-10-PCS code (which v3.5.0 allows), but there are currently no ICD-10-PCS codes beginning with U, so this transformation removes any code beginning with U.

# eExam.16 - Extremities Assessment

Remove instances with the following new v3.5.1 values.

| Code | Label |
| --- | --- |
| 3516085 | Cool/Cold to Touch |
| 3516087 | Cyanosis |
| 3516089 | Erythema/Flushing |
| 3516091 | Hot/Warm to Touch |
| 3516093 | Lividity |
| 3516095 | Mottled |
| 3516097 | Pale |

# dConfiguration.07 - EMS Agency Procedures

Remove if SNOMED code is longer than 15 characters.

Remove dConfiguration.ProcedureGroup if all instances of dConfiguration.07 in dConfiguration.ProcedureGroup are longer than 15 characters.

If there are no instances of dConfiguration.07 in any dConfiguration.ProcedureGroup that are 15 characters or less, then there will be no instances of dConfiguration.ProcedureGroup in the generated document, which will fail XSD validation.

# dPersonnel.20 - EMS Personnel's Foreign Language Ability

Remove instances with the following new v3.5.1 value.

| Code | Label |
| --- | --- |
| sgn | Sign Languages |

# sConfiguration.03 - Procedures Permitted by the State

Remove if SNOMED code is longer than 15 characters.

Replace with a single “Not Recorded” instance if all instances of sConfiguration.03 in sConfiguration.ProcedureGroup are longer than 15 characters.