v3.5 Change Log

Adapted from NEMSIS v3.5.0 Change Log

Based on NEMSIS Technical Assistance Center

(TAC) from September 30, 2019

Which was updated March 2023 for Critical Patch 4

Overview

This change log represents the updates made to the NEMSIS data standard released as version 3.5.0. Revisions made to the standard were provided by various stakeholders, carefully reviewed, and implemented where feasible.

Descriptions of the sample element page are in the same section as that page

Format

This is an example of the format in which changes are described, where changes are part of the critical patch it will be indicated in the change description:

Add value, change value, change description (as it applies).	
Old:	"Identifier if the code used for patient medication allergies is based on an RxNorm code or an ICD-10 code."
	Value "ICD10" with code 9924001
New:	"Identifier if the code used is based on an RxNorm code, an ICD-10 code, or a SNOMED-CT code."
	Added value "SNOMED-CT" with code 9924005
	Value "ICD-10" with code 9924001
Impacted elements:	eMedications.03

COLOR KEY

RED	Removed
GREEN	New
BLUE	Modified

Contents

XSD Files Impacted

File	Change	File	Change
dAgency	**Modified**	eAirway	**Modified**
dConfiguration	**Modified**	eArrest	**Modified**
dContact	**Modified**	eCrew	**Modified**
dCustom	**Modified**	eCustom	**Modified**
dDevice	**Modified**	eDevice	**Modified**
DEMDataSet	**Modified**	eDispatch	**Modified**
dFacility	**Modified**	eDisposition	**Modified**
dLocation	**Modified**	eExam	**Modified**
dPersonnel	**Modified**	eHistory	**Modified**
dVehicle	**Modified**	eInjury	**Modified**
sAgency	**New**	eLabs	**Modified**
sConfiguration	**New**	eMedications	**Modified**
sdCustom	**New**	EMSDataSet	**Modified**
seCustom	**New**	eNarrative	**No Changes**
sElement	**New**	eOther	**Modified**
sFacility	**New**	eOutcome	**Modified**
sSoftware	**New**	ePatient	**Modified**
sState	**New**	ePayment	**Modified**
StateDataSet	**Modified**	eProcedures	**Modified**
		eProtocols	**Modified**
		eRecord	**Modified**
		eResponse	**Modified**
		eScene	**Modified**
		eSituation	**Modified**
		eTimes	**Modified**
		eVitals	**Modified**

Color Key

RED	**Removed**
GREEN	**New**
BLUE	**Modified**

CommonTypes

CardiacRhythm
Add value

Description: Added value of "Non-STEMI Septal Ischemia" with code 9901030 Added value of "STEMI Septal Ischemia" with code 9901058

Impacted elements: eVitals.03, eArrest.17

CodeType
Add value, change value, change description.

Old: "Identifier if the code used for patient medication allergies is based on an RxNorm code or an ICD-10 code."
Value "ICD10" with code 9924001

New: "Identifier if the code used is based on an RxNorm code, an ICD-10 code, or a SNOMED-CT code."
Added value "SNOMED-CT" with code 9924005
Value "ICD-10" with code 9924001

Impacted elements: eMedications.03, dConfiguration.09, eHistory.01

CurrentMedicationAdministrationRoute
Add values

Description: Added value of "Auto Injector" with code 9927063
Added value of "BVM" with code 9927065
Added value of "CPAP" with code 9927067
Added value of "IV Pump" with code 9927069
Added value of "Nebulizer" with code 9927071
Added value of "Umbilical Artery Catheter" with code 9927073
Added value of "Umbilical Venous Catheter" with code 9927075

Impacted elements: eMedications.04

EMSCaregiverLevel

Add, remove, and change values

Old:

Value	Code
2009 Advanced Emergency Medical Technician (AEMT)	9905001
2009 Emergency Medical Responder (EMR)	9905003
2009 Emergency Medical Technician (EMT)	9905005
2009 Paramedic	9905007
EMT-Basic	9905009
EMT-Intermediate	9905011
EMT-Paramedic	9905013
First Responder	9905015
Other Healthcare Professional	9905019
Other Non-Healthcare Professional	9905021
Patient/Lay Person	9905023
Physician	9905025
Respiratory Therapist	9905027
Student	9905029
Critical Care Paramedic	9905031
Community Paramedicine	9905033
Nurse Practitioner	9905035
Physician Assistant	9905037
Licensed Practical Nurse (LPN)	9905039
Registered Nurse	9905041

New:

Value	Code
Advanced Emergency Medical Technician (AEMT)	9905001
Emergency Medical Technician – Intermediate	9905002
Emergency Medical Responder (EMR)	9905003
Emergency Medical Technician (EMT)	9905005
Paramedic	9905007
Other Healthcare Professional	9905019
Other Non-Healthcare Professional	9905021
Physician	9905025
Respiratory Therapist	9905027
Student	9905029
Critical Care Paramedic	9905031
Community Paramedicine	9905033
Nurse Practitioner	9905035
Physician Assistant	9905037
Licensed Practical Nurse (LPN)	9905039
Registered Nurse	9905041
Patient	9905043
Lay Person	9905045
Law Enforcement	9905047
Family Member	9905049
Fire Personnel (non EMS)	9905051

Impacted Elements: eMedications.10, eProcedures.10

Gender
Add values

Description: Added value "Female-to-Male, Transgender Male" with code 9906007
Added value "Male-to-Female, Transgender Female" with code 9906009
Added value "Other, neither exclusively male or female" with code 9906011

Impacted Elements: ePatient.13

HospitalDesignation
Add and remove values

Description: Removed value "Stroke Center" with code 9908017
Added value "Stroke-Acute Stroke Ready Hospital (ASRH)" with code 9908037
Added value "Stroke-Primary Stroke Center (PSC)" with code 9908039
Added value "Stroke-Thrombectomy-Capable Stroke Center (TSC)" with code 9908041
Added value "Stroke-Comprehensive Stroke Center (CSC)" with code 9908043
Added value "Cancer Center" with code 9908045
Added value "Labor and Delivery" with code 9908047

Impacted Elements: eDisposition.23

Medication
Change constraints

Old: maxLength=7
New: maxLength=9

Impacted Elements: eMedications.03, dConfiguration.09,

PN
Add values

Description:

    Added value "Order Criteria Not Met" with code 8801027
Added value "Approximate" with code 8801029
Added value "Symptom Not Present" with code 8801031

Impacted Elements: eProcedures.03, eMedications.03, eSituation.01, eSituation.10

StateCertificationLicensureLevels

Add, remove, and change values

Old:

Value	Code
2009 Advanced Emergency Medical Technician (AEMT)	9917001
2009 Emergency Medical Responder (EMR)	9917003
2009 Emergency Medical Technician (EMT)	9917005
2009 Paramedic	9917007
EMT-Basic	9917009
EMT-Intermediate	9917011
EMT-Paramedic	9917013
First Responder	9917015
Physician	9917019
Critical Care Paramedic	9917021
Community Paramedicine	9917023
Nurse Practitioner	9917025
Physician Assistant	9917027
Licensed Practical Nurse (LPN)	9917029
Registered Nurse	9917031

New:

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

Impacted Elements: dAgency.11,, dConfiguration.06, dConfiguration.08

MemberLevel

Add, remove, and change values

Old:

Value	Code
2009 Advanced Emergency Medical Technician (AEMT)	9925001
2009 Emergency Medical Responder (EMR)	9925003
2009 Emergency Medical Technician (EMT)	9925005
2009 Paramedic	9925007
First Responder	9925013
EMT-Basic	9925015
EMT-Intermediate	9925017
EMT-Paramedic	9925019
Other Healthcare Professional	9925023
Other Non-Healthcare Professional	9925025
Physician	9925027
Respiratory Therapist	9925029
Student	9925031
Critical Care Paramedic	9925033
Community Paramedicine	9925035
Nurse Practitioner	9925037
Physician Assistant	9925039
Licensed Practical Nurse (LPN)	9925041
Registered Nurse	9925043

New:

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

Impacted Elements: eCrew.02

CorrelationId

Critical Patch: Change constraints

Description: The minLength constraint was changed from 0 to 2.

Impacted Elements: All elements marked in the data dictionary with "C"

dAgency

dAgency.15

Demote national element

Old:

NV: No
Nillable: No

New:

NV: Not Applicable, Not Recorded, Not Reporting
Nillable: Yes

dAgency.18

Demote national element

Old: National: Yes
New: National: No

dAgency.19

Demote national element

Old: National: Yes
             NV: Not Applicable, Not Recorded
New: National: No

dAgency.20

Demote national element

Old: National: Yes
New: National: No

dAgency.21

Demote national element

Old: National: Yes
New: National: No

dConfiguration

dConfiguration.09
Change data element comment, add attribute

Description: Added attribute for CodeType to specific the medication code type.
  Added a list of allowable SNOMED-CT codes for blood products to comment.

dConfiguration.11
Demote national element

Old: National: Yes
New: National: No

dConfiguration.15
Demote national element

Old: National: Yes
New: National: No

eAirway

DeviceConfirmationMethods
Add value

Description: Added value "Chest Rise" with code 4004021

Impacted Elements: eAirway.04

TubeDepth
Change constraint

Old: minInclusive=8
New: minInclusive=4

Impacted Elements: eAirway.05

eArrest

eArrest.01
Change data element comment

Old: "This element is a component of the Utstein Cardiac Arrest Criteria. This element is required for all Incident/Patient Disposition (eDisposition.02) codes with patient contact OR with "Cardiac Arrest" chosen for Provider First or Second Impression (eSituation.11 and eSituation.12, code I46.9). Otherwise use "Not Applicable". If the patient has a history of cardiac arrest do not document Cardiac Arrest (eArrest.01) with "Yes, Prior to EMS Arrival" or "Yes, After EMS Arrival" during this encounter."

New: "This element is a component of the Utstein Cardiac Arrest Criteria. This element is required for all Incident/Patient Disposition (eDisposition.02) codes with patient contact OR with "Cardiac Arrest" chosen for Provider First or Second Impression (eSituation.11 and eSituation.12, code I46.9). Otherwise use "Not Applicable". If the patient has a history of cardiac arrest do not document Cardiac Arrest (eArrest.01) with "Yes, Prior to EMS Arrival" or "Yes, After EMS Arrival" during this encounter."

eArrest.05
Change data element comment

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."

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

eArrest.06
Remove element

eArrest.08
Remove element

eArrest.20
New element
Description: Previously deprecated element added for Who First Initiated CPR. Please see the NEMSIS v3.5.0 Data Dictionary for complete element details.

eArrest.21
New element

Description: Previously deprecated element added for Who First Applied the AED. Please see the NEMSIS v3.5.0 Data Dictionary for complete element details.

eArrest.22
New element

Description: Previously deprecated element added for Who First Defibrillated the Patient. Please see the NEMSIS v3.5.0 Data Dictionary for complete element details.

CardiacArrestEtiology
Remove and change values

Old:

Value	Code
Cardiac (Presumed)	3002001
Drowning/Submersion	3002003
Drug Overdose	3002005
Electrocution	3002007
Exsanguination	3002009
Other	3002011
Respiratory/Asphyxia	3002013
Trauma	3002015

New:

Value	Code
Cardiac (Presumed)	3002001
Drowning/Submersion	3002003
Drug Overdose	3002005
Electrocution	3002007
Exsanguination-Medical (Non-Traumatic)	3002009
Other	3002011
Respiratory/Asphyxia	3002013
Traumatic Cause	3002015

Impacted Elements: eArrest.02

WhoProvided
Remove enumeration

Impacted Elements: eArrest.06

WhoFirstInitiatedCPR
New enumeration

Description: New enumeration that goes with eArrest.20 – Who First Initiated CPR. Please see eArrest.20 in the OKEMSIS v3.5.0 Data Dictionary for a full description of values and codes.

Impacted Elements: eArrest.20

WhoUsedAED
Remove enumeration
Impacted Elements: eArrest.08

WhoFirstAppliedAED
New enumeration

Description: New enumeration that goes with eArrest.21 – Who First Applied the AED. Please see eArrest.21 in the OKEMSIS v3.5.0 Data Dictionary for a full description of the values and codes.

Impacted Elements: eArrest.21

WhoFirstDefibrillated
New enumeration

Description: New enumeration that goes with eArrest.22 – Who First Defibrillated the Patient. Please see eArrest.22 in the OKEMSIS v3.5.0 Data Dictionary for a full description of values and codes.

Impacted Elements: eArrest.22

eDispatch

eDispatch.01

Description: The below values/codes added to eDispatch.01 –
Added value "Altered Mental Status" with code 2301085
Added value "Intercept" with code 2301087
Added value "Nausea" with code 2301089
Added value "Vomiting" with code 2301091

Impacted Elements: eDispatch.01

eDisposition

Trivial change made to some data element comments to improve link functionality.

eDisposition.12
Remove element

Description: This element was removed and replaced with five new elements.

Corresponding Enumeration: IncidentPatientDisposition

eDisposition.IncidentDispositionGroup
New group

Description: Group added to hold the five new eDisposition elements. Please see the OKEMSIS v3.5.0 Data Dictionary complete details.

Impacted Elements: eDisposition.27, eDisposition.28, eDisposition.29, eDisposition.30, eDisposition.31

eDisposition.27
New element

Description: Element "Unit Disposition" added to replace some of the information previously contained in eDisposition.12. Please see the OKEMSIS v3.5.0 Data Dictionary for complete element details.

Corresponding Enumeration: UnitDisposition

eDisposition.28
New element

Description: Element "Patient Evaluation/Care" added to replace some of the information previously contained in eDisposition.12. Please see the OKEMSIS v3.5.0 Data Dictionary for complete element details.

Corresponding Enumeration: PatientEvaluationCare

eDisposition.29
New element

Description: Element "Crew Disposition" added to replace some of the information previously contained in eDisposition.12. Please see the OKEMSIS v3.5.0 Data Dictionary for complete element details.
Critical Patch: Revised data element comments to remove reference to a "Referral Agency"

Corresponding Enumeration: CrewDisposition

eDisposition.30
New element

Description: Element "Transport Disposition" added to replace some of the information previously contained in eDisposition.12. Please see the OKEMSIS v3.5.0 Data Dictionary for complete element details.

Corresponding Enumeration: TransportDisposition

eDisposition.31

New element

Description: Element "Reason for Refusal/Release" added to replace some of the information previously contained in eDisposition.12. Please see the OKEMSIS v3.5.0 Data Dictionary for complete element details.
Critical Patch: Added CorrelationId attribute.

Corresponding Enumeration: ReasonForRefusalRelease

TypeOfDestination

Add, change, and remove values

Old

Value	Code
Home	4221001
Hospital-Emergency Department	4221003
Hospital-Non-Emergency Department	4221005
Medical Office/Clinic	4221007
Morgue/Mortuary	4221009
Nursing Home/Assisted Living Facility	4221011
Other	4221013
Other EMS Responder (air)	4221015
Other EMS Responder (ground)	4221017
Police/Jail	4221019
Urgent Care	4221021
Freestanding Emergency Department	4221023

New:

Value	Code
Home	4221001
Hospital-Emergency Department	4221003
Hospital-Non-Emergency Department	4221005
Clinic	4221007
Morgue/Mortuary	4221009
Other	4221013
Other EMS Responder (air)	4221015
Other EMS Responder (ground)	4221017
Police/Jail	4221019
Urgent Care	4221021
Freestanding Emergency Department	4221023
Dialysis Center	4221025
Diagnostic Services	4221027
Assisted Living Facility	4221029
Mental Health Facility	4221031
Nursing Home	4221033
Other Recurring Care Center	4221035
Physical Rehabilitation Facility	4221037
Drug and/or Alcohol Rehabilitation Facility	4221039
Skilled Nursing Facility	4221041

Impacted Elements: eDisposition.21

UnitDisposition
New enumeration

Description: New enumeration that goes with eDisposition.27 – Unit Disposition. Please see eDisposition.27 in the NEMSIS v3.5.0 Data Dictionary for a full description of the values and codes.

Impacted Elements: eDisposition.27

PatientEvaluationCare
New enumeration

Description: New enumeration that goes with eDisposition.28 – Patient Evaluation/Care. Please see eDisposition.28 in the NEMSIS v3.5.0 Data Dictionary for a full description of the values and codes.

Impacted Elements: eDisposition.28

CrewDisposition
New enumeration

Description: New enumeration that goes with eDisposition.29 – Crew Disposition. Please see eDisposition.29 in the NEMSIS v3.5.0 Data Dictionary for a full description of the values and codes.

Impacted Elements: eDisposition.29

TransportDisposition
New enumeration

Description: New enumeration that goes with eDisposition.30 – Transport Disposition. Please see eDisposition.30 in the NEMSIS v3.5.0 Data Dictionary for a full description of the values and codes.

Impacted Elements: eDisposition.30

ReasonForRefusalRelease
New enumeration

Description: New enumeration that goes with eDisposition.31 – Reason for Refusal/Release. Please see eDisposition.31 in the NEMSIS v3.5.0 Data Dictionary for a full description of the values and codes.

Impacted Elements: eDisposition.31

DestinationPreArrivalActivation
Add value

Description: Added value "Yes-Sepsis" with code 4224019

Impacted Elements: eDisposition.24

eHistory

Trivial change made to some data element comments to improve link functionality.

eHistory.01
BarriersToPatientCare
Add values

Description: Added value "Alcohol Use, Suspected" with code 3101033
Added value "Drug Use, Suspected" with code 3101035

Impacted Elements: eHistory.01

eHistory.17
AlcoholDrugUseIndicators
Add and remove value

Description: Removed value "Smell of Alcohol on Breath" with code 3117011
Added value "Physical Exam Indicates Suspected Alcohol or Drug Use" with code 3117013

Impacted Elements: eHistory.17

eInjury

Trivial change made to some element definitions to add periods at the end of sentences.

eInjury.07
UseOfOccupantSafetyEquipment
Critical Patch: **Add value**

Description: A new value, "Unable to Determine" was added with code 2907033.
Impacted Elements: eInjury.07

eMedications

Trivial change made to some element definitions to add periods at the end of sentences.

eMedications.03

Change name, Add attribute, PN

Old: id: eMedications.MedicationGiven Name: Medication Given

New: id: eMedications.MedicationAdministered Name: Medication Administered

Description: Added the new attribute CodeType to describe whether the code entered for the medication is an RxNorm code, or a SNOMED-CT code for blood products. Added PN "Order Criteria Not Met"
Corresponding enumeration: Medication

eMedications.04

Promote national element

Old: National: No
Usage: Optional
NV: No
Nillable: No
Recurrence: 0:1
New: National: Yes
Usage: Required
NV: Not Applicable, Not Recorded
Nillable: Yes
Recurrence: 1:1
Pertinent Negatives: Unable To Complete

Corresponding enumeration: CurrentMedicationAdministrationRoute

eMedications.DosageGroup

Change documentation

Description: Changed usage of the word "given" to "administered" to match the change in eMedications.03

eMedications.06
MedicationDosageUnits
Remove and add value

Description: Removed value "Liters Per Minute (l/min [fluid])" with code 3706011
Added value "Milligrams per Hour (mg/hr)" with code 3706055
Added value "Centimeters (cm)" with code 3706031
Added value "Drops (gtts)" with code 3706033
Added value "Liters Per Minute (LPM [gas])" with code 3706035
Added value "Micrograms per Minute (mcg/min)" with code 3706037
Added value "Milligrams per Kilogram (mg/kg)" with code 3706039
Added value "Milligrams per Minute (mg/min)" with code 3706041
Added value "Puffs" with code 3706043
Added value "Units per Hour (units/hr)" with code 3706045
Added value "Milligrams per Hour (mg/hr)" with code 3706047
Added value "Units" with code 3706049
Added value "Units per Kilogram per Hour (units/kg/hr)" with code 3706051
Added value "Units per Kilogram (units/kg)" with code 3706053
Added value "Milligrams per Hour (mg/hr)" with code 3706055

Impacted Elements: eMedications.06

eOther

eOther.07
Add new element

ePatient

Trivial change made to some element definitions to add periods at the end of sentences.

ePatient.05
Add PN

Description: Added new PN "Unable to Complete",

Corresponding Enumeration: PN

ePatient.06
Add PN
Description: Added new PN "Unable to Complete", this also necessitated changing the element to nillable.

Corresponding Enumeration: PN

ePatient.12
Add PN
Description: Added new PN "Unable to Complete", this also necessitated changing the element to nillable.

Impacted Elements: PN

ePatient.13
Add data element comment

Description: Added comment to describe new values available, "Code list referenced from: https://www.healthit.gov/isa/sex-birth-sexual-orientation-and-gender-identity"

Corresponding Enumeration: Gender

ePatient.18
Add PN
Description: Added new PN "Unable to Complete"

Corresponding Enumeration: PN

ePatient.22
New element
Description: New element added for Alternate Home Residence. Please see the NEMSIS v3.5.0 Data Dictionary for complete element details.

Corresponding enumeration: AlternateHomeResidence

AlternateHomeResidence
New enumeration

Description: New enumeration that goes with ePatient.22 – Alternate Home Residence. Please see ePatient.22 in the OKEMSIS v3.5.0 Data Dictionary for a full description of values and codes.

Impacted Elements: ePatient.22

eProcedures

Trivial change made to some element definitions to add periods at the end of sentences. Trivial change made to some data element comments to improve link functionality.

eProcedures.03
Add PN
Description: Added PN "Order Criteria Not Met"

Corresponding Enumeration: PN

eResponse

Trivial change made to some element definitions to add periods at the end of sentences.

eResponse.05

Change data element comment

Old: This element is required for all EMS runs. "Inter-facility Transfer" has been changed to "Interfacility Transport. "Public Assistance/Other Not Listed" added for EMS expanded scope events such as elderly assistance, injury prevention, public education, immunization programs, etc. The description was changed for code 2205005 to better document emergent inter-facility transports through the 911 call center. Code 2205015 added to better document routine (non-911) inter-facility transfers. Inter-Facility Transport, Non-Emergent (Routine) is a custom code not in NEMSIS dataset but required for all Oklahoma ePCR's**.**

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

eResponse.07

NEMSIS ID, definition, data element comment

Old: NEMSIS ID: Primary Role of the Unit

Definition: "The primary role of the EMS Unit which responded to this specific EMS event"

Comment: "This element is required for all EMS runs. Supervisor clarified to Administrative Only. If the Supervisor is responding to assist, that would be considered Non-Transport. Transport separated into Air and Ground. In Version 2 there was no way to identify Air Transport."

New: NEMSIS ID: Unit Transport and Equipment Capability

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

Comment: "Element relabeled from "Primary Role of Unit" to "Unit Transport and Equipment Capability" to better reflect its new defined purpose and allow the deprecation of eResponse.15 "Level of Care of This Unit". v3.4.0 Non-Transport values deprecated as these are types of service and were moved to eResponse.05 "Type of Service Requested". Values have been added to better capture transport capability and available equipment. These values should be tied to the capabilities and role of the unit, and not reflect the level of providers responding to an event."

eResponse.23

EMSServiceCat

Add and change values

Old:

Value	Code
911 Response (Scene)	2205001
Intercept	2205003
Interfacility Transport	2205005
Medical Transport	2205007
Mutual Aid	2205009
Public Assistance/Other Not Listed	2205011
Standby	2205013

New:

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

Impacted Elements: eResponse.05

UnitTransportEquipmentCapability

Change NEMSIS ID, add, remove and change

values Old: Name: PrimaryRoleOfUnit

Ground Transport	2207003
Non-Transport Administrative (e.g., Supervisor)	2207005
Non-Transport Assistance	2207007
Non-Transport Rescue	2207009
Air Transport-Helicopter	2207011

New: Name: UnitTransportEquipmentCapability

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

Impacted Elements: eResponse.07

eSituation

Trivial change made to some data element comments to improve link functionality.

eSituation.01
Add PN
Description: Add new PN "Unable to Complete" and "Approximate"
Corresponding enumeration: PN

eSituation.10
Add PN
Description: Add new PN "Symptom Not Present"
Corresponding enumeration: PN

eVitals

eVitals.08
Demote national element

Old: National: Yes
            Not Values: Not Applicable, Not Recorded
New: National: No
            Not Values: Not Applicable, Not Recorded, Not Reporting

eVitals.16
Change definition, add attribute

Old: "The numeric value of the patient's end-tidal CO2 level"
New: "The numeric value of the patient's exhaled end tidal carbon dioxide (ETCO2) level measured as a unit of pressure in millimeters of mercury (mmHg), percentage or, kilopascal (kPa)."

            Added optional attribute ETCO2Type to specify how ETCO2 was measured.

Corresponding Enumeration: ETCO2Type, CO2

BloodGlucoseLevel
Change constraints

Description: Changed from an integer value from 0 to 2000 (inclusive), to a string value that follows a pattern of "[2][0][0][0]|[1][0-9][0-9][0-9]|[1-9][0-9][0-9]|[1-9][0-9]|[0-9]|High|Low". This permits the same integer values, but also allows values of "High" and "Low".

Impacted Elements: eVitals.18

CO2
Change constaints

Description: Changed maxInclusive value from 200 to 760.
Impacted Elements: eVitals.16

ECGType
Add and change value

Description: Added new value "2 Lead ECG (pads or paddles)" with code 3304000
Changed value "Other (AED, Not Listed)" to "Other" with code 3304015**Impacted Elements:** eVitals.04

TypeOfStrokeScale
Add and change values

Old:

Value	Code
Cincinnati	3330001
Los Angeles	3330003
Massachusetts	3330005
Miami Emergency Neurologic Deficit (MEND)	3330007
NIH	3330009
Other Stroke Scale	3330011
F.A.S.T. Exam	3330013

New:

Value	Code
Cincinnati Prehospital Stroke Scale (CPSS)	3330001
Los Angeles Prehospital Stroke Screen (LAPSS)	3330004
Massachusetts Stroke Scale (MSS)	3330005
Miami Emergency Neurologic Deficit Exam (MEND)	3330007
NIH Stroke Scale (NIHSS)	3330009
Other Stroke Scale	3330011
FAST-ED	3330013
Boston Stroke Scale (BOSS)	3330015
Ontario Prehospital Stroke Scale (OPSS)	3330017
Melbourne Ambulance Stroke Screen (MASS)	3330019
Rapid Arterial oCclusion Evaluation (RACE)	3330021
Los Angeles Motor Score (LAMS)	3330023

Impacted Elements: eVitals.30

ETCO2Type
New enumeration

Description: New enumeration that goes with new attribute ETCO2Type used in eVitals.16 – End Tidal Carbon Dioxide (ETCO2). Please see eVitals.16 in the OKEMSIS v3.5.0 Data Dictionary for a full description of values and codes.

Impacted Elements: eVitals.16