

# v3.5 Change Log

**Adapted from NEMESIS v3.5.0 Change Log**

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**Based on NEMESIS Technical Assistance Center**

**(TAC) from September 30, 2019**

**Which was updated March 2023 for Critical Patch 4**

# Overview

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This change log represents the updates made to the NEMESIS 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:

<b>Add value, change value, change description (as it applies).</b>	
<b>Old:</b>	“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
<b>New:</b>	“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
<b>Impacted elements:</b>	<a href="#">eMedications.03</a>

COLOR KEY

<b>RED</b>	<b>Removed</b>
<b>GREEN</b>	<b>New</b>
<b>BLUE</b>	<b>Modified</b>

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# 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

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## 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

## State Certification Licensure Levels

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

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## 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

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## 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 NEMESIS 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 OKEMESIS 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  
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## 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 OKEMIS 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 NEMESIS 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 NEMESIS 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 NEMESIS 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 NEMESIS 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 NEMESIS 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 NEMESIS 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 OKEMESIS 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

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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 NEMESIS 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

NEMESIS ID, definition, data element comment

**Old:** NEMESIS 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:** NEMESIS 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

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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

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### 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 constraints

**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 OKEMIS v3.5.0 Data Dictionary for a full description of values and codes.

**Impacted Elements:** eVitals.16