

# NEMESIS v3.4.0 to v3.5.0 Translation

---

## Date

February 6, 2020  
 November 6, 2020 (corrected documentation of translation of eDisposition.12 code 4212021 to eDisposition.28; corrected translation of eDisposition.12 codes 4212023 and 4212025 to eDisposition.29)  
 July 27, 2021 (corrected documentation of translation of eHistory.17 code 3117011)  
 January 6, 2022 (corrected documentation: eResponse.07; improved translation: “Dead...”, “Assist...”, and “Canceled” in eDisposition.12; improved translation: “Dead...” in eDisposition.19; improved translation: eDisposition.32)

## Overview

The NEMESIS v3.4.0 to v3.5.0 Translation provides XSL transformations to translate NEMESIS EMSDataSet, DEMDataSet, and StateDataSet documents from version 3.4.0.200910CP2 to version 3.5.0.211008CP3.

**Note:** With the introduction of UUID attributes in NEMESIS v3.5.0, the XSL transformations will not generate fully valid EMSDataSet or DEMDataSet documents, because the UUIDs cannot be created at the time of translation. The XSL transformations will generate documents that are valid in all other respects. See the [NEMESIS V3 UUID Guide](#) for more information.

## Elements Removed

Do not map the following elements that are retired from EMSDataSet and DEMDataSet in v3.5.0.

Element No.	Element Name
eState	
eState.01	State Required Element
eResponse.15*	Level of Care of This Unit
eArrest.05	CPR Care Provided Prior to EMS Arrival
eArrest.06	Who Provided CPR Prior to EMS Arrival
eArrest.08	Who Used AED Prior to EMS Arrival
eDisposition.12*	Incident/Patient Disposition
eOutcome.06	Emergency Department Chief Complaint
eOutcome.07	First ED Systolic Blood Pressure
eOutcome.08	Emergency Department Recorded Cause of Injury
eOutcome.14	Total ICU Length of Stay
eOutcome.15	Total Ventilator Days
eOutcome.17	Outcome at Hospital Discharge
dState	
dState.01	State Required Element
dConfiguration.02	State Certification/Licensure Levels
dConfiguration.03	Procedures Permitted by the State
dConfiguration.04	Medications Permitted by the State
dConfiguration.05	Protocols Permitted by the State

\* Elements with an asterisk are used in the mapping of other elements as described later.

## Mandatory Elements Added

Add the following mandatory elements that are new in v3.5.0, with the following values:

Element No.	Element Name	Value
sSoftware.01	Software Creator	NEMSIS Technical Assistance Center
sSoftware.02	Software Name	NEMSIS XSL Translation
sSoftware.03	Software Version	3.4.0.200910CP2_3.5.0.211008CP3_220106

## Required Elements Added

Add the following required elements that are new in v3.5.0 and set to Not Value = “Not Recorded”.

Element No.	Element Name
eSituation.20	Reason for Interfacility Transfer/Medical Transport
eOutcome.18	Date/Time of Emergency Department Admission
eOutcome.19	Date/Time Emergency Department Procedure Performed
eOutcome.20	Date/Time Hospital Procedure Performed

## Element Usage Changed to Mandatory

The following optional StateDataSet elements in v3.4.0 are mandatory in v3.5.0. If they are missing, add with the following values.

Element No.	Element Name	Value
StateDataSet eCustomConfiguration.01	Custom Data Element Title	{Custom Data Element Title Missing}
StateDataSet eCustomConfiguration.02	Custom Data Element Definition	{Custom Data Element Definition Missing}
StateDataSet eCustomConfiguration.03	Custom Data Type	9902009 (Text/String)
StateDataSet eCustomConfiguration.04	Custom Data Element Recurrence	9923003 (Yes)
StateDataSet eCustomConfiguration.05	Custom Data Element Usage	9903007 (Optional)
StateDataSet dCustomConfiguration.01	Custom Data Element Title	{Custom Data Element Title Missing}
StateDataSet dCustomConfiguration.02	Custom Data Element Definition	{Custom Data Element Definition Missing}
StateDataSet dCustomConfiguration.03	Custom Data Type	9902009 (Text/String)
StateDataSet dCustomConfiguration.04	Custom Data Element Recurrence	9923003 (Yes)
StateDataSet dCustomConfiguration.05	Custom Data Element Usage	9903007 (Optional)

## Element Usage Changed to Required

The following optional elements in v3.4.0 are required in v3.5.0. If they are missing, add with Not Value = “Not Recorded”.

Element No.	Element Name
eSituation.18	Date/Time Last Known Well
eMedications.04	Medication Administered Route
eOutcome.09	Emergency Department Procedures

Element No.	Element Name
eOutcome.10	Emergency Department Diagnosis
eOutcome.11	Date/Time of Hospital Admission
eOutcome.12	Hospital Procedures
eOutcome.13	Hospital Diagnosis
eOutcome.16	Date/Time of Hospital Discharge
StateDataSet dState.01	State Required Element
StateDataSet eState.01	State Required Element
StateDataSet dConfiguration.03	Procedures Permitted by the State
StateDataSet dConfiguration.04	Medications Permitted by the State
StateDataSet dConfiguration.06	EMS Certification Levels Permitted to Perform Each Procedure
StateDataSet dConfiguration.08	EMS Certification Levels Permitted to Administer Each Medication
StateDataSet dConfiguration.05	Protocols Permitted by the State

### CorrelationID

If length is less than 2, prepend “\_” to value.

Element No.	Element Name
@CorrelationID	
@CustomElementID	
@ProcedureGroupCorrelationID	
eCustomConfiguration.09	Custom Data Element Grouping ID
eCustomResults.02	Custom Element ID Referenced
eCustomResults.03	CorrelationID of PatientCareReport Element or Group
dCustomConfiguration.09	Custom Data Element Grouping ID
dCustomResults.02	Custom Element ID Referenced
dCustomResults.03	CorrelationID of DemographicReport Element or Group

### CustomDefinition

If length is less than 2, prepend “\_” to value.

Element No.	Element Name
eCustomConfiguration.02	Custom Definition
dCustomConfiguration.02	Custom Definition

### Code Mappings

Map codes that are retired in 3.5.0 as follows.

Element No.	Element Name	3.4.0		3.5.0	
eCrew.02 dPersonnel.24  dPersonnel.38	Crew Member Level EMS Personnel's State EMS Certification Licensure Level EMS Personnel's Practice Level	9925013	First Responder	9925003	Emergency Medical Responder (EMR)
		9925015	EMT-Basic	9925005	Emergency Medical Technician (EMT)
		9925017	EMT-Intermediate	9925002	Emergency Medical Technician - Intermediate
		9925019	EMT-Paramedic	9925007	Paramedic

Element No.	Element Name	3.4.0		3.5.0	
ePayment.42	Specialty Care Transport Care Provider	2642019	First Responder	2642011	Emergency Medical Responder (EMR)
		2642021	EMT-Basic	2642013	Emergency Medical Technician (EMT)
		2642023	EMT-Intermediate	2642014	Emergency Medical Technician - Intermediate
		2642025	EMT-Paramedic	2642017	Paramedic
eHistory.17	Alcohol/Drug Use Indicators	3117011	Smell of Alcohol on Breath	3117013	Physical Exam Indicates Suspected Alcohol or Drug Use
eHistory.17/@PN	Alcohol/Drug Use Indicators	8801019	Refused	8801023	Unable to Complete
eVitals.30	Stroke Scale Type	3330003	Los Angeles	3330004	Los Angeles Prehospital Stroke Screen (LAPSS)
eExam.19	Mental Status Assessment	3519019	Pharmacologically Sedated/Paralyzed	3519037	Pharmacologically Sedated
eExam.20	Neurological Assessment	3520025	Seizure	3520055	Other Seizures
eMedications.06	Medication Dosage Units	3706011	Liters Per Minute (l/min [fluid])	3706035	Liters Per Minute (LPM [gas])
eMedications.10 eProcedures.10	Role/Type of Person Administering Medication Role/Type of Person Performing the Procedure	9905009	EMT-Basic	9905005	Emergency Medical Technician (EMT)
		9905011	EMT-Intermediate	9905002	Emergency Medical Technician - Intermediate
		9905013	EMT-Paramedic	9905007	Paramedic
		9905015	First Responder	9905003	Emergency Medical Responder (EMR)
		9905023	Patient/Lay Person	9905045	Lay Person
eDisposition.21	Type of Destination	4221011	Nursing Home/Assisted Living Facility	4221029	Assisted Living Facility
eDisposition.23 dFacility.04	Hospital Capability Hospital Designations	9908017	Stroke Center	NV= 7701003	Not Recorded
eOther.09	External Electronic Document Type	4509007	DNR/Living Will	4509006	DNR
eOther.15	Signature Status	4515029	Refused	4515019	Not Signed – Refused
dAgency.11 dConfiguration.06  dConfiguration.08  dVehicle.05	Level of Service EMS Certification Levels Permitted to Perform Each Procedure EMS Certification Levels Permitted to Administer Each Medication Crew State Certification/Licensure Levels	9917009	First Responder	9917003	Emergency Medical Responder (EMR)
		9917011	EMT-Basic	9917005	Emergency Medical Technician (EMT)
		9917013	EMT-Intermediate	9917002	Emergency Medical Technician - Intermediate
		9917015	EMT-Paramedic	9917007	Paramedic
dPersonnel.29	EMS Personnel's National Registry Certification Level	1529009	EMT-Basic	1529005	Emergency Medical Technician (EMT)
		1529011	EMT-Intermediate	1529002	Emergency Medical Technician - Intermediate
		1529013	EMT-Paramedic	1529007	Paramedic
		1529015	First Responder	1529003	Emergency Medical Responder (EMR)

Element No.	Element Name	3.4.0		3.5.0	
StateDataSet dConfiguration.02	State Certification/Licensure Levels	9911001	2009 Advanced Emergency Medical Technician (AEMT)	9917001	Advanced Emergency Medical Technician (AEMT)
		9911003	2009 Emergency Medical Responder (EMR)	9917003	Emergency Medical Responder (EMR)
		9911005	2009 Emergency Medical Technician (EMT)	9917005	Emergency Medical Technician (EMT)
		9911007	2009 Paramedic	9917007	Paramedic
		9911009	EMT-Basic	9917005	Emergency Medical Technician (EMT)
		9911011	EMT-Intermediate	9917002	Emergency Medical Technician - Intermediate
		9911013	EMT-Paramedic	9917007	Paramedic
		9911015	First Responder	9917003	Emergency Medical Responder (EMR)
		9911019	Other	NV= 7701003	Not Recorded
		9911021	Physician	9917019	Physician
		9911023	Critical Care Paramedic	9917021	Critical Care Paramedic
		9911025	Community Paramedicine	9917023	Community Paramedicine
		9911027	Nurse Practitioner	9917025	Nurse Practitioner
		9911029	Physician Assistant	9917027	Physician Assistant
		9911031	Licensed Practical Nurse (LPN)	9917029	Licensed Practical Nurse (LPN)
9911033	Registered Nurse	9917031	Registered Nurse		

### eResponse.07 - Primary Role of the Unit

Map retired values to new values by comparing to eResponse.15 - Level of Care of This Unit.

3.4.0		3.5.0			
eResponse.07	eResponse.15	eResponse.07	eResponse.15		
2207003	Ground Transport	2215001	BLS...	2207017	Ground Transport (BLS Equipped)
		2215003			
		2215005			
2215007	ALS...	2215009	ALS...	2207015	Ground Transport (ALS Equipped)
		2215011			
		2215013			
		2215015			
		2215017			
		2215019			
2215021	Specialty Critical Care	2207019	Ground Transport (Critical Care Equipped)		

3.4.0				3.5.0	
eResponse.07		eResponse.15		eResponse.07	
2207005 2207007 2207009	Non- Transport...	2215001 2215003 2215005 2215007 2215023	BLS...	2207023	Non-Transport-Medical Treatment (BLS Equipped)
		2215009 2215011 2215013 2215015 2215017 2215019	ALS...	2207021	Non-Transport-Medical Treatment (ALS Equipped)
		2215021	Specialty Critical Care		
2207011	Air Transport-Helicopter	*	*	2207011	Air Transport-Helicopter
2207013	Air Transport-Fixed Wing	*	*	2207013	Air Transport-Fixed Wing

### eVitals.CardiacRhythmGroup

Remove @CorrelationID.

### eVitals.16 - End Tidal Carbon Dioxide (ETCO2)

If element has a value, add @ETCOType and set to 3440001 (mmHg).

### eVitals.18 - Blood Glucose Level

v3.4.0 requires an integer. v3.5.0 additionally allows the values "High" and "Low". The v3.4.0 data dictionary states, "For glucometers with 'High' and 'Low' readings, report '600' for 'High' and '20' for 'Low'." Map "600" to "High" and "20" to "Low". Copy all other values as-is.

### eExam.08 - Chest/Lungs Assessment

Map values to new elements in eExam.LungGroup and eExam.ChestGroup. Attach @CorrelationID from eExam.08 to the first instance of eExam.LungGroup or eExam.ChestGroup.

Values are mapped to eExam.LungGroup as follows.

3.4.0		3.5.0			
eExam.08		eExam.22		eExam.23	
3508011	Breath Sounds-Absent-Left	3522001	Left	3523001	Breath Sounds-Absent
3508013	Breath Sounds-Absent-Right	3522003	Right		
3508015	Breath Sounds-Decreased Left	3522001	Left	3523003	Breath Sounds-Decreased
3508017	Breath Sounds-Decreased Right	3522003	Right		
3508019	Breath Sounds-Equal	3522005	Bilateral	3523005	Breath Sounds-Equal
3508021	Breath Sounds-Normal-Left	3522001	Left	3523007	Breath Sounds-Normal
3508023	Breath Sounds-Normal-Right	3522003	Right		
3508041	Foreign Body			3523011	Foreign Body
3508047	Increased Respiratory Effort			3523011	Increased Respiratory Effort
3508053	Normal			3523013	Normal
3508055	Not Done			3523015	Not Done
3508057	Pain			3523017	Pain
3508059	Pain with Inspiration/expiration - Left	3522001	Left	3523019	Pain with Inspiration/Expiration
3508061	Pain with Inspiration/expiration - Right	3522003	Right		

3.4.0		3.5.0			
eExam.08		eExam.22		eExam.23	
3508065	Rales - Left	3522001	Left	3523021	Rales
3508067	Rales - Right	3522003	Right		
3508071	Rhonchi - Left	3522001	Left	3523023	Rhonchi
3507073	Rhonchi - Right	3522003	Right		
3508075	Rhonchi/Wheezing			3523025	Rhonchi/Wheezing
3508077	Stridor-Left	3522001	Left	3523027	Stridor
3508079	Stridor-Right	3522003	Right		
3508089	Wheezing-Expiratory-Left	3522001	Left	3523029	Wheezing-Expiratory
3508091	Wheezing-Expiratory-Right	3522003	Right		
3508093	Wheezing-Inspiratory-Left	3522001	Left	3523031	Wheezing-Inspiratory
3508095	Wheezing-Inspiratory-Right	3522003	Right		

Values are mapped to eExam.ChestGroup as follows.

3.4.0		3.5.0			
eExam.08		eExam.24		eExam.25	
3508001	Abrasion			3525001	Abrasion
3508003	Avulsion			3525003	Avulsion
3508005	Accessory Muscles Used with Breathing			3525005	Accessory Muscles Used with Breathing
3508007	Bleeding Controlled			3525007	Bleeding Controlled
3508009	Bleeding Uncontrolled			3525009	Bleeding Uncontrolled
3508025	Burn-Blistering			3525011	Burn-Blistering
3508027	Burn-Charring			3525013	Burn-Charring
3508029	Burn-Redness			3525015	Burn-Redness
3508031	Burn-White/Waxy			3525017	Burn-White/Waxy
3508033	Crush Injury			3525019	Crush Injury
3508035	Deformity			3525021	Deformity
3508037	Flail Segment-Left	3524013	Left - Anterior	3525023	Flail Segment
3508039	Flail Segment-Right	3524015	Right - Anterior		
3508049	Implanted Device			3525025	Implanted Device
3508051	Laceration			3525027	Laceration
3508053	Normal			3525029	Normal
3508055	Not Done			3525031	Not Done
3508057	Pain			3525033	Pain
3508059	Pain with Inspiration/expiration - Left	3524013	Side - Left	3525035	Pain with Inspiration/Expiration
3508061	Pain with Inspiration/expiration - Right	3524015	Side - Right		
3508069	Retraction			3525039	Retraction
3508085	Tenderness-Left	3524013	Side - Left	3525041	Tenderness
3508087	Tenderness-Right	3524015	Side - Right		
3508097	Gunshot Wound			3525043	Gunshot Wound
3508099	Swelling			3525045	Swelling
3508101	Contusion			3525047	Contusion
3508103	Tenderness			3525049	Tenderness

eMedications.03 - Medication Given

dConfiguration.09 - EMS Agency Medications

StateDataSet dConfiguration.04 - Medications Permitted by the State

If element has a value, add @CodeType and set to 9924003 (RxNorm).

eDisposition.19 - Final Patient Acuity

Map to new v3.5.0 value in the following case. Otherwise, copy value as-is.

v3.4.0		v3.5.0	
eDisposition.19 - Final Patient Acuity		eDisposition.19 - Final Patient Acuity	
4219007	Dead without Resuscitation Efforts (Black)		
eDisposition.12 - Incident/Patient Disposition			
4212017 4212019	Patient Dead at Scene-Resuscitation Attempted...	4219009	Dead with Resuscitation Efforts (Black)

eDisposition.IncidentDispositionGroup

Map new v3.5.0 elements from retired v3.4.0 element eDisposition.12 - Incident/Patient Disposition.

The v3.4.0 [Extended NEMSIS V3 Data Definitions](#) document informed the development of these mappings.

eDisposition.27 - Unit Disposition:

3.4.0		3.5.0	
eDisposition.12		eDisposition.27	
4212001	Assist, Agency	4227007	No Patient Contact
4212003	Assist, Public	4227011	Non-Patient Incident (Not Otherwise Listed)
4212005	Assist, Unit	4227007	No Patient Contact
4212007	Canceled (Prior to Arrival At Scene)	4227005	Cancelled Prior to Arrival at Scene
4212009	Canceled on Scene (No Patient Contact)	4227007	No Patient Contact
4212011	Canceled on Scene (No Patient Found)	4227009	No Patient Found
4212013	Patient Dead at Scene-No Resuscitation Attempted (With Transport)	4227001	Patient Contact Made
4212015	Patient Dead at Scene-No Resuscitation Attempted (Without Transport)		
4212017	Patient Dead at Scene-Resuscitation Attempted (With Transport)		
4212019	Patient Dead at Scene-Resuscitation Attempted (Without Transport)		
4212021	Patient Evaluated, No Treatment/Transport Required		
4212023	Patient Refused Evaluation/Care (With Transport)		
4212025	Patient Refused Evaluation/Care (Without Transport)		
4212027	Patient Treated, Released (AMA)	4227011	Non-Patient Incident (Not Otherwise Listed)
4212029	Patient Treated, Released (per protocol)		
4212031	Patient Treated, Transferred Care to Another EMS Unit		
4212033	Patient Treated, Transported by this EMS Unit		
4212035	Patient Treated, Transported by Law Enforcement		
4212037	Patient Treated, Transported by Private Vehicle		
4212039	Standby-No Services or Support Provided		
4212041	Standby-Public Safety, Fire, or EMS Operational Support Provided	4227011	Non-Patient Incident (Not Otherwise Listed)
4212043	Transport Non-Patient, Organs, etc.		



eDisposition.28 - Patient Evaluation/Care:

3.4.0		3.5.0	
eDisposition.12		eDisposition.28	
4212001	Assist, Agency	4228009	Patient Support Services Provided
4212003	Assist, Public	NV=7701001	Not Applicable
4212005	Assist, Unit	4228009	Patient Support Services Provided
4212007	Canceled (Prior to Arrival At Scene)	NV=7701001	Not Applicable
4212009	Canceled on Scene (No Patient Contact)		
4212011	Canceled on Scene (No Patient Found)		
4212013	Patient Dead at Scene-No Resuscitation Attempted (With Transport)	4228005	Patient Evaluated, No Care Required
4212015	Patient Dead at Scene-No Resuscitation Attempted (Without Transport)		
4212017	Patient Dead at Scene-Resuscitation Attempted (With Transport)	4228001	Patient Evaluated and Care Provided
4212019	Patient Dead at Scene-Resuscitation Attempted (Without Transport)		
4212021	Patient Evaluated, No Treatment/Transport Required	4228005	Patient Evaluated, No Care Required
4212023	Patient Refused Evaluation/Care (With Transport)	4228007	Patient Refused Evaluation/Care
4212025	Patient Refused Evaluation/Care (Without Transport)		
4212027	Patient Treated, Released (AMA)	4228001	Patient Evaluated and Care Provided
4212029	Patient Treated, Released (per protocol)		
4212031	Patient Treated, Transferred Care to Another EMS Unit		
4212033	Patient Treated, Transported by this EMS Unit		
4212035	Patient Treated, Transported by Law Enforcement		
4212037	Patient Treated, Transported by Private Vehicle		
4212039	Standby-No Services or Support Provided	NV=7701001	Not Applicable
4212041	Standby-Public Safety, Fire, or EMS Operational Support Provided		
4212043	Transport Non-Patient, Organs, etc.		

eDisposition.29 - Crew Disposition:

3.4.0		3.5.0	
eDisposition.12		eDisposition.29	
4212001	Assist, Agency	4229005	Provided Care Supporting Primary EMS Crew
4212003	Assist, Public	4229011	Back in Service, No Care/Support Services Required
4212005	Assist, Unit	4229005	Provided Care Supporting Primary EMS Crew
4212007	Canceled (Prior to Arrival At Scene)	4229011	Back in Service, No Care/Support Services Required
4212009	Canceled on Scene (No Patient Contact)		
4212011	Canceled on Scene (No Patient Found)		
4212013	Patient Dead at Scene-No Resuscitation Attempted (With Transport)	4229011	Back in Service, No Care/Support Services Required
4212015	Patient Dead at Scene-No Resuscitation Attempted (Without Transport)	4229011	Back in Service, No Care/Support Services Required
4212017	Patient Dead at Scene-Resuscitation Attempted (With Transport)	4229001	Initiated and Continued Primary Care
4212019	Patient Dead at Scene-Resuscitation Attempted (Without Transport)		
4212021	Patient Evaluated, No Treatment/Transport Required	4229011	Back in Service, No Care/Support Services Required

3.4.0		3.5.0	
eDisposition.12		eDisposition.29	
4212023	Patient Refused Evaluation/Care (With Transport)	4229013	Back in Service, Care/Support Services Refused
4212025	Patient Refused Evaluation/Care (Without Transport)		
4212027	Patient Treated, Released (AMA)	4229001	Initiated and Continued Primary Care
4212029	Patient Treated, Released (per protocol)		
4212031	Patient Treated, Transferred Care to Another EMS Unit	4229003	Initiated Primary Care and Transferred to Another EMS Crew
4212033	Patient Treated, Transported by this EMS Unit	4229001	Initiated and Continued Primary Care
4212035	Patient Treated, Transported by Law Enforcement		
4212037	Patient Treated, Transported by Private Vehicle		
4212039	Standby-No Services or Support Provided	4229011	Back in Service, No Care/Support Services Required
4212041	Standby-Public Safety, Fire, or EMS Operational Support Provided	4229009	Incident Support Services Provided (Including Standby)
4212043	Transport Non-Patient, Organs, etc.		

eDisposition.30 - Transport Disposition:

3.4.0		3.5.0	
eDisposition.12		eDisposition.30	
4212001	Assist, Agency	4230013	No Transport
4212005	Assist, Unit		
4212003	Assist, Public	NV= 7701001	Not Applicable
4212007	Canceled (Prior to Arrival At Scene)		
4212009	Canceled on Scene (No Patient Contact)		
4212011	Canceled on Scene (No Patient Found)		
4212013	Patient Dead at Scene-No Resuscitation Attempted (With Transport)	4230001	Transport by This EMS Unit (This Crew Only)
4212015	Patient Dead at Scene-No Resuscitation Attempted (Without Transport)	4230013	No Transport
4212017	Patient Dead at Scene-Resuscitation Attempted (With Transport)	4230001	Transport by This EMS Unit (This Crew Only)
4212019	Patient Dead at Scene-Resuscitation Attempted (Without Transport)	4230013	No Transport
4212021	Patient Evaluated, No Treatment/Transport Required		
4212023	Patient Refused Evaluation/Care (With Transport)	4230001	Transport by This EMS Unit (This Crew Only)
4212025	Patient Refused Evaluation/Care (Without Transport)	4230013	No Transport
4212027	Patient Treated, Released (AMA)	4230009	Patient Refused Transport
4212029	Patient Treated, Released (per protocol)	4230013	No Transport
4212031	Patient Treated, Transferred Care to Another EMS Unit	4230005	Transport by Another EMS Unit
4212033	Patient Treated, Transported by this EMS Unit	4230001	Transport by This EMS Unit (This Crew Only)
4212035	Patient Treated, Transported by Law Enforcement	4230013	No Transport
4212037	Patient Treated, Transported by Private Vehicle		
4212039	Standby-No Services or Support Provided	NV= 7701001	Not Applicable
4212041	Standby-Public Safety, Fire, or EMS Operational Support Provided		
4212043	Transport Non-Patient, Organs, etc.	4230011	Non-Patient Transport (Not Otherwise Listed)

eDisposition.31 - Reason for Refusal/Release is only mapped in the following cases:

3.4.0		3.5.0	
eDisposition.12		eDisposition.31	
4212021	Patient Evaluated, No Treatment/Transport Required	4231005	Released Following Protocol Guidelines

3.4.0		3.5.0	
eDisposition.12		eDisposition.31	
4212027	Patient Treated, Released (AMA)	4231001	Against Medical Advice
4212029	Patient Treated, Released (per protocol)	4231005	Released Following Protocol Guidelines
4212035	Patient Treated, Transported by Law Enforcement	4231007	Released to Law Enforcement

### eDisposition.32 - Level of Care Provided per Protocol

Map to v3.5.0 mandatory element from eDisposition.12 - Incident/Patient Disposition, eProcedures.ProcedureGroup, and eResponse.15 - Level of Care of This Unit. The mapping is not precise. In v3.4.0, eResponse.15 is “the level of care (BLS or ALS) the unit is able to provide based on the units' treatment capabilities for this EMS response.” In v3.5.0, eDisposition.32 is “the general level of care provided to this patient as defined per provider level in local EMS protocols or clinical guidelines.” The first condition met in the following table is used.

3.4.0		3.5.0	
eDisposition.12		eDisposition.32	
4212003	Assist, Public	NV= 7701001	Not Applicable
4212007	Canceled (Prior to Arrival At Scene)		
4212009	Canceled on Scene (No Patient Contact)		
4212011	Canceled on Scene (No Patient Found)		
4212039	Standby-No Services or Support Provided		
4212041	Standby-Public Safety, Fire, or EMS Operational Support Provided		
4212043	Transport Non-Patient, Organs, etc.		
eDisposition.12, with no procedures recorded in eProcedures.ProcedureGroup			
4212001	Assist, Agency	4232013	No Care Provided
4212005	Assist, Unit		
4212013	Patient Dead at Scene-No Resuscitation Attempted (With Transport)		
4212015	Patient Dead at Scene-No Resuscitation Attempted (Without Transport)		
4212021	Patient Evaluated, No Treatment/Transport Required		
4212023	Patient Refused Evaluation/Care (With Transport)		
4212025	Patient Refused Evaluation/Care (Without Transport)		
eResponse.15			
2215001	BLS-First Responder/EMR	4232001	BLS - All Levels
2215003	BLS-Basic /EMT		
2215005	BLS-AEMT		
2215007	BLS-Intermediate		
2215009	ALS-AEMT	4232003	AEMT/Intermediate
2215011	ALS-Intermediate		
2215013	ALS-Paramedic	4232005	ALS - Paramedic
2215017	ALS-Nurse	4232007	EMS and Other Health-Care Staff
2215019	ALS-Physician		
2215021	Specialty Critical Care	4232009	Critical Care
2215023	BLS-Community Paramedicine	4232011	Integrated Healthcare
2215015	ALS-Community Paramedicine		

## eOutcome.09 - Emergency Department Procedures

Enclose in new element eOutcome.EmergencyDepartmentProceduresGroup. Move @CorrelationID to eOutcome.EmergencyDepartmentProceduresGroup.

## eOutcome.12 - Hospital Procedures

Enclose in new element eOutcome.HospitalProceduresGroup. Move @CorrelationID to eOutcome.HospitalProceduresGroup.

## StateDataSet Element Numbers

StateDataSet element numbers were changed in v3.5.0. Renumber elements as follows.

v3.4.0	v3.5.0	
Element No.	Element No.	Element Name
dConfiguration.01	sState.01	State
dCustomConfiguration	sdCustomConfiguration	
dCustomConfiguration. CustomGroup	sdCustomConfiguration. CustomGroup	
dCustomConfiguration.01	sdCustomConfiguration.01	Agency Demographic Custom Data Element Title
dCustomConfiguration.02	sdCustomConfiguration.02	Agency Demographic Custom Definition
dCustomConfiguration.03	sdCustomConfiguration.03	Agency Demographic Custom Data Type
dCustomConfiguration.04	sdCustomConfiguration.04	Agency Demographic Custom Data Element Recurrence
dCustomConfiguration.05	sdCustomConfiguration.05	Agency Demographic Custom Data Element Usage
dCustomConfiguration.06	sdCustomConfiguration.06	Agency Demographic Custom Data Element Potential Values
dCustomConfiguration.07	sdCustomConfiguration.07	Agency Demographic Custom Data Element Potential NOT Values (NV)
dCustomConfiguration.08	sdCustomConfiguration.08	Agency Demographic Custom Data Element Potential Pertinent Negative Values (PN)
dCustomConfiguration.09	sdCustomConfiguration.09	Agency Demographic Custom Data Element Grouping ID
eCustomConfiguration	seCustomConfiguration	
eCustomConfiguration. CustomGroup	seCustomConfiguration. CustomGroup	
eCustomConfiguration.01	seCustomConfiguration.01	Patient Care Report Custom Data Element Title
eCustomConfiguration.02	seCustomConfiguration.02	Patient Care Report Custom Definition
eCustomConfiguration.03	seCustomConfiguration.03	Patient Care Report Custom Data Type
eCustomConfiguration.04	seCustomConfiguration.04	Patient Care Report Custom Data Element Recurrence
eCustomConfiguration.05	seCustomConfiguration.05	Patient Care Report Custom Data Element Usage
eCustomConfiguration.06	seCustomConfiguration.06	Patient Care Report Custom Data Element Potential Values
eCustomConfiguration.07	seCustomConfiguration.07	Patient Care Report Custom Data Element Potential NOT Values (NV)
eCustomConfiguration.08	seCustomConfiguration.08	Patient Care Report Custom Data Element Potential Pertinent Negative Values (PN)
eCustomConfiguration.09	seCustomConfiguration.09	Patient Care Report Custom Data Element Grouping ID
dState	sElement	
dState.01	sElement.01	State Collected Element
eState	sElement	
eState.01	sElement.01	State Collected Element
dConfiguration	sConfiguration	
dConfiguration.02	sConfiguration.01	State Certification/Licensure Levels
dConfiguration. ProcedureGroup	sConfiguration. ProcedureGroup	
dConfiguration.06	sConfiguration.02	EMS Certification Levels Permitted to Perform Each Procedure
dConfiguration.03	sConfiguration.03	Procedures Permitted by the State
dConfiguration. MedicationGroup	sConfiguration. MedicationGroup	

v3.4.0	v3.5.0	
Element No.	Element No.	Element Name
dConfiguration.08	sConfiguration.04	EMS Certification Levels Permitted to Administer Each Medication
dConfiguration.04	sConfiguration.05	Medications Permitted by the State
dConfiguration.05	sConfiguration.06	Protocols Permitted by the State
dAgency	sAgency	
dAgencyGroup	sAgencyGroup	
dAgency.01	sAgency.01	EMS Agency Unique State ID
dAgency.02	sAgency.02	EMS Agency Number
dAgency.03	sAgency.03	EMS Agency Name
dFacility	sFacility	
dFacilityGroup	sFacilityGroup	
dFacility.01	sFacility.01	Type of Facility
dFacility.FacilityGroup	sFacility.FacilityGroup	
dFacility.02	sFacility.02	Facility Name
dFacility.03	sFacility.03	Facility Location Code
dFacility.04	sFacility.04	Hospital Designations
dFacility.05	sFacility.05	Facility National Provider Identifier
dFacility.06	sFacility.06	Facility Room, Suite, or Apartment
dFacility.07	sFacility.07	Facility Street Address
dFacility.08	sFacility.08	Facility City
dFacility.09	sFacility.09	Facility State
dFacility.10	sFacility.10	Facility ZIP Code
dFacility.11	sFacility.11	Facility County
dFacility.12	sFacility.12	Facility Country
dFacility.13	sFacility.13	Facility GPS Location
dFacility.14	sFacility.14	Facility US National Grid Coordinates
dFacility.15	sFacility.15	Facility Phone Number

StateDataSet dConfiguration.01 - State Associated with the Certification/Licensure Levels  
Enclose in new element sState.

StateDataSet dCustomConfiguration

StateDataSet eCustomConfiguration

Switch order.

StateDataSet dState

StateDataSet eState

Merge into one sElement group.

StateDataSet dState.01 - State Required Element

StateDataSet eState.01 - State Required Element

Remove @TIMESTAMP.

StateDataSet dFacility.15 - Facility Phone Number

Remove @CorrelationID.