

## Overview

This file is a list of all national elements that have been activated or impacted by the transition to NEMESIS 3.5 and will show on the incident record. The details in this file are listed in the order that a provider would encounter them on the run form, if moving from the top of the record, down.


Additional definitions for national elements can be found in the [NEMESIS Data Dictionary for version 3.5](#).

Definitions for responses to national fields can be found in the [NEMESIS 3.4 Extended Data Definitions](#) and the [NEMESIS 3.5 Extended Data Definitions](#).


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State Licensure Level			
<b>Level of Impact:</b> 	<b>Change Type:</b> New responses have been added.	<b>Location in Run Form:</b> Users > User Name > Certifications	<b>NEMESIS Element Name:</b> dPersonnel.24


**Definition:** “The personnel's state EMS certification level.”

Agency Licensure Level/Practice Level			
<b>Level of Impact:</b> 	<b>Change Type:</b> New responses have been added.	<b>Location in Run Form:</b> Users > User Name > Certifications	<b>NEMESIS Element Name:</b> dPersonnel.38

**Definition:** “The EMS certification level at which the individual is providing patient care services for the EMS agency.”

In Service Date/Time			
<b>Level of Impact:</b> 	<b>Change Type:</b> Priority Increase	<b>Location in Run Form:</b> Times section	<b>NEMESIS Element Name:</b> eTimes.13

**Definition:** “The date/time the unit back was back in service and available for response (finished with call, but not necessarily back in home location).”

Date/Time Patient Care was Transferred to Hospital			
<b>Level of Impact:</b> 	<b>Change Type:</b> New Field	<b>Location in Run Form:</b> Times section	<b>NEMESIS Element Name:</b> eTimes.12

**Definition:** “The date/time that patient care was transferred to the destination healthcare staff... This was added to better document delays in ED transfer of care due to ED crowding or other issues beyond EMS control.”

Type of Call: Related to Mutual Aid Process Change			
<b>Level of Impact:</b> ★★★	<b>Change Type:</b> Process Change for Mutual Aid.	<b>Location in Run Form:</b> Dispatch > Dispatch Information	<b>NEMESIS Element Name:</b> eResponse.05

**Definition:** “The type of service or category of service requested of the EMS Agency responding for this specific EMS event...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.”

Dispatch Reason			
<b>Level of Impact:</b> ★★ ★	<b>Change Type:</b> New Response Sequence of Responses	<b>Location in Run Form:</b> Dispatch > Dispatch Information	<b>NEMESIS Element Name:</b> eDispatch.01

**Definition:** “The dispatch reason reported to the responding unit.”

Reason for Interfacility Transfer/Medical Transport			
<b>Level of Impact:</b> ★★★	<b>Change Type:</b> New Field	<b>Location in Run Form:</b> Dispatch > Dispatch Information	<b>NEMESIS Element Name:</b> eSituation.20

**Definition:** “The general categories of the reason for an interfacility transfer/medical transport... This supports and works in combination with eSituation.19 Justification for Transfer or Encounter to provide defined categories for an interfacility transfer or other medical transport. This documentation provides support for reimbursement and a means for regions and states to evaluate transfer patterns and types.”

Level of Care Provided to Patient (regardless of licensure level)			
<b>Level of Impact:</b> ★★★	<b>Change Type:</b> New Field (replaced old field)	<b>Location in Run Form:</b> Response > Responding Unit	<b>NEMESIS Element Name:</b> Disposition.32

**Definition:** “The general level of care provided to this patient as defined per provider level in local EMS protocols or clinical guidelines...The level of care should be defined by the situation, medications, and procedures provided to the patient based on what is allowed in the local EMS protocols. This definition can vary between regions; what may be allowed for BLS providers in one region may be considered ALS care in another. This is not a reflection of the provider levels providing care, but the actual care given-for example, BLS care provided by a paramedic would be entered as "BLS". This element benefits reviews of performance, resource demand and utilization, and reimbursement coding.”

Capability of Unit			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> New Response	<b>Location in Run Form:</b> Response > Responding Unit	<b>NEMESIS Element Name:</b> eResponse.07

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

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.”

Other Agencies on Scene			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> New Response	<b>Location in Run Form:</b> Response > Scene	<b>NEMESIS Element Name:</b> eScene.02

**Definition:** “Other EMS agency names that were at the scene, if any.”

Unit Disposition			
<b>Level of Impact:</b> ★★★	<b>Change Type:</b> New Field (replaced old field)	<b>Location in Run Form:</b> Response > Situation	<b>NEMESIS Element Name:</b> eDisposition.27

**Definition:** “The patient disposition for an EMS event identifying whether patient contact was made...Grouped with Incident and Transport dispositions. Who provided care or services is defined in Incident Disposition. (sic)”

Patient Evaluation/Care			
<b>Level of Impact:</b> ★★★	<b>Change Type:</b> New Field (replaced old field)	<b>Location in Run Form:</b> Response > Situation	<b>NEMESIS Element Name:</b> eDisposition.28

**Definition:** “The patient disposition for an EMS event identifying whether a patient was evaluated and care or services were provided...Grouped with Incident and Transport Dispositions. Who provided care or services is defined in Incident Disposition.”

Crew Disposition			
<b>Level of Impact:</b> ★★★	<b>Change Type:</b> New Field (replaced old field)	<b>Location in Run Form:</b> Response > Situation	<b>NEMESIS Element Name:</b> eDisposition.29

**Definition:** “The crew disposition for this EMS event identifying which crew provided primary patient care or whether support services were required...Grouped with Patient and Transport Dispositions. Depending on context of the Value, "Unit" could be Vehicle or Service/Agency.”

<b>Transport Disposition</b>			
<b>Level of Impact:</b> ★★★	<b>Change Type:</b> New Field (replaced old field)	<b>Location in Run Form:</b> Response > Situation	<b>NEMESIS Element Name:</b> eDisposition.30

**Definition:** “The transport disposition for an EMS event identifying whether a transport occurred and by which unit...Grouped with Patient and Incident Dispositions. Provides a rapid filter for transport or no transport for incident evaluation, business entry rules and Schematron rules.”

<b>Reason for Refusal/Release</b>			
<b>Level of Impact:</b> ★★★	<b>Change Type:</b> New Field (replaced old field)	<b>Location in Run Form:</b> Response > Situation	<b>NEMESIS Element Name:</b> eDisposition.31

**Definition:** “Describes reason(s) for the patient's refusal of care/transport OR the EMS clinician's decision to release the patient...This works in combination with the dispositions and signatures to provide general categories for the patient refusal. Specific legal refusal language should be developed by the agency's legal counsel and provided to the patient or guardian upon refusal per local policies.”




<b>Initial Patient Acuity</b>			
<b>Level of Impact:</b> ★★★ ★★ ★	<b>Change Type:</b> New Response New Location Renamed	<b>Location in Run Form:</b> Response > Situation	<b>NEMESIS Element Name:</b> eSituation.13

**Definition:** “Definition The acuity of the patient's condition upon EMS arrival at the scene...Definitions related to "Critical, Emergent, and Lower Acuity" can be found in the National EMS Core Content document from NHTSA EMS (DOT HS 809-898 July 2005) at

<http://www.nhtsa.gov/people/injury/ems/emscorecontent/images/EMSCoreContent.pdf>

Dead without Resuscitation Efforts would be appropriate if resuscitation was initiated by non-EMS personnel but discontinued immediately upon evaluation by first arriving EMS personnel.

"Non-Acute/Routine" added for use with patients with no clinical issues-such as refusal for a life assist-or for routine transfers.”


Final Patient Acuity			
<b>Level of Impact:</b>   	<b>Change Type:</b> New Response New Location Renamed	<b>Location in Run Form:</b> Response > Situation; Patient Condition > Assessment; Transport > Transport Status and Priority	<b>NEMESIS Element Name:</b> eDisposition.19

**Definition:** “The acuity of the patient's condition after EMS care... Definitions related to "Critical, Emergent, and Lower Acuity" can be found in the National EMS Core Content document from NHTSA EMS (DOT HS 809-898 July 2005) at

<http://www.nhtsa.gov/people/injury/ems/emscorecontent/images/EMSCoreContent.pdf>

Dead without Resuscitation Efforts would be appropriate if resuscitation was initiated by non-EMS personnel but discontinued immediately upon evaluation by first arriving EMS personnel.

"Non-Acute/Routine" added for use with patients with no clinical issues-such as a refusal for a life assist-or for routine transfers. "Dead with Resuscitation Efforts (Black)" added for EMS units that arrived and provided resuscitation to a critical patient, but who was deceased at the end of the event (such as in a cardiac arrest).”

Number of patients transported in this EMS unit			
<b>Level of Impact:</b> 	<b>Change Type:</b> A new field has been added to the run form	<b>Location in Run Form:</b> Run Form/Incident Record > Times	<b>NEMESIS Element Name:</b> eDisposition.11

**Definition:** “The number of patients transported by this EMS crew and unit... Added to document multiple patients being transported with the same vehicle and crew.”

<b>Patient Race</b>			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> New Response	<b>Location in Run Form:</b> Patient > Patient Info	<b>NEMESIS Element Name:</b> ePatient.14

**Definition:** “The patient's race as defined by the OMB (US Office of Management and Budget)... OMB requirements are provided at: <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-089.html>. Using single multiple choice question methodology to improve the completion of ethnicity information.

Ethnicity (Version 2.2.1: E06\_13) has been merged with this data element and retired.”

**Note:**

Vermont regulations state that the race is to be defined by the patient.

<b>Alternate Home Residence</b>			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> New Field	<b>Location in Run Form:</b> Patient > Patient Address	<b>NEMESIS Element Name:</b> ePatient.22

**Definition:** “Documentation of the type of patient without a home ZIP/Postal Code.”

<b>Date/Time of Symptom Onset</b>			
<b>Level of Impact:</b> ★★★	<b>Change Type:</b> Priority Increase	<b>Location in Run Form:</b> Patient Condition > Assessment	<b>NEMESIS Element Name:</b> eSituation.01

**Definition:** “The date and time the symptom began (or was discovered) as it relates to this EMS event. This is described or estimated by the patient, family, and/or healthcare professionals.”



<b>Signs of Suspected Alcohol/Drug Use</b>			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> Response Replaced	<b>Location in Run Form:</b> Patient Condition > Assessment	<b>NEMESIS Element Name:</b> eHistory.17

**Definition:** “Indicators for the potential use of alcohol or drugs by the patient related to the patient's current illness or injury.”

<b>Primary Symptom</b>			
<b>Level of Impact:</b> ★★ ★	<b>Change Type:</b> New Response New Location	<b>Location in Run Form:</b> Patient Condition > Assessment	<b>NEMESIS Element Name:</b> eSituation.09

**Definition:** “The primary sign and symptom present in the patient or observed by EMS personnel... eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.

Code list is represented in ICD-10-CM Diagnosis Codes. Reference the NEMESIS Suggested Lists at: <https://nemsis.org/technical-resources/version-3/version-3-resource-repository/>

ICD-10-CM

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus”

<b>Other Associated Symptoms</b>			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> New Response	<b>Location in Run Form:</b> Patient Condition > Assessment	<b>NEMESIS Element Name:</b> eSituation.10

**Definition:** “Other symptoms identified by the patient or observed by EMS personnel... Code list is represented in ICD-10-CM. Reference the NEMESIS Suggested Lists at: <https://nemsis.org/technical-resources/version-3/version-3-resource-repository/>

ICD-10-CM

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus”

Working Diagnosis			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> A new field has been added to the run form	<b>Location in Run Form:</b> Patient Condition > Assessment	<b>NEMESIS Element Name:</b> eSituation.11

**Definition:** “The EMS personnel's impression of the patient's primary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures).”

Other Diagnoses			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> A new field has been added to the run form	<b>Location in Run Form:</b> Patient Condition > Assessment	<b>NEMESIS Element Name:</b> eSituation.12

**Definition:** “The EMS personnel's impression of the patient's secondary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures)... Code list is represented in ICD-10-CM. Reference the NEMESIS Suggested Lists at: <https://nemsis.org/technical-resources/version-3/version-3-resource-repository/>

ICD-10-CM

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus”

Complaint Type			
<b>Level of Impact:</b> ★	<b>Change Type:</b> Sequence of Responses	<b>Location in Run Form:</b> Patient Condition > Assessment	<b>NEMESIS Element Name:</b> eSituation.03

**Definition:** “The type of patient healthcare complaint being documented... This was added to group complaints in a more efficient manner.”

Who First Initiated CPR			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> A new field has been added to the run form	<b>Location in Run Form:</b>	<b>NEMESIS Element Name:</b> eArrest.20

**Definition:** “Who first initiated CPR for this EMS event... Bystanders are defined as persons who are not responding as part of an organized emergency response system to a cardiac arrest. Physicians, nurses, and paramedics may be described as performing bystander CPR if they are not part of the emergency response system involved in the victim's resuscitation. Friends and acquaintances are considered bystanders.

Family members are defined as the patient's relatives.

Healthcare Provider (non-911 Responder) includes physicians, nurses, paramedics, and other types of healthcare professionals who are not part of the organized emergency response system.

First Responders are defined as personnel who are dispatched through the 911 system, respond as part of an organized emergency response system, and have the capability and/or training to provide emergency medical care, but are not the designated transporters of the patient.

First Responder (EMS) is defined as EMS personnel who are part of an EMS response agency, respond as part of an organized emergency response system, but are not the designated transporter of the patient. For example, First Responder (EMS) includes EMS personnel who arrive by quick response EMS units, fire apparatus that is part of an EMS response agency, and supervisor/administrative vehicles operated by the transport EMS agency.

First Responder (Law Enforcement) is defined as public safety officers who are not part of an EMS response agency and act in an organized, official capacity to enforce the law.

First Responder (non-EMS Fire) is defined as fire department personnel who are not part of an EMS response agency and are not the designated transporter of the patient.

EMS Responder (transport) is defined as EMS personnel who are the designated transporter of the patient.

For states and local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), eArrest.20 is the equivalent of CARES data element #23 Who Initiated CPR as defined by CARES in the CARES 2019 Data Dictionary:

[https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20\(2019\).pdf](https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20(2019).pdf). “

Who First Applied the AED			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> New Field	<b>Location in Run Form:</b> Patient Condition > Cardiac Arrest	<b>NEMESIS Element Name:</b> eArrest.21

**Definition:** “Documentation of who first applied the AED for this EMS event... Bystanders are defined as persons who are not responding as part of an organized emergency response system to a cardiac arrest. Physicians, nurses, and paramedics may be described as performing bystander CPR if they are not part of the emergency response system involved in the victim's resuscitation. Friends and acquaintances are considered bystanders.

Family members are defined as the patient's relatives.

Healthcare Provider (non-911 Responder) includes physicians, nurses, paramedics, and other types of healthcare professionals who are not part of the organized emergency response system.

First Responders are defined as personnel who are dispatched through the 911 system, respond as part of an organized emergency response system, and have the capability and/or training to provide emergency medical care, but are not the designated transporters of the patient.

First Responder (EMS) is defined as EMS personnel who are part of an EMS response agency, respond as part of an organized emergency response system, but are not the designated transporter of the patient. For example, First Responder (sic) (EMS) includes EMS personnel who arrive by quick response EMS units, fire apparatus that is part of an EMS response agency, and supervisor/administrative vehicles operated by the transport EMS agency.

First Responder (Law Enforcement) is defined as public safety officers who are not part of an EMS response agency and act in an organized, official capacity to enforce the law.

First Responder (non-EMS Fire) is defined as fire department personnel who are not part of an EMS response agency and are not the designated transporter of the patient.

EMS Responder (transport) is defined as EMS personnel who are the designated transporter of the patient.

For states and local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), eArrest.21 is the equivalent of CARES data element #27 Who First Applied the AED as defined by CARES in the CARES 2019 Data Dictionary:

[https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20\(2019\).pdf](https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20(2019).pdf). “

<b>Who First Defibrillated the Patient</b>			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> New Field	<b>Location in Run Form:</b> Patient Condition > Cardiac Arrest	<b>NEMESIS Element Name:</b> eArrest.22

**Definition:** “Documentation of who first defibrillated the patient... Bystanders are defined as persons who are not responding as part of an organized emergency response system to a cardiac arrest. Physicians, nurses, and paramedics may be described as performing bystander CPR if they are not part of the emergency response system involved in the victim's resuscitation. Friends and acquaintances are considered bystanders.

Family members are defined as the patient's relatives.

Healthcare Provider (non-911 Responder) includes physicians, nurses, paramedics, and other types of healthcare professionals who are not part of the organized emergency response system.

First Responders are defined as personnel who are dispatched through the 911 system, respond as part of an organized emergency response system, and have the capability and/or training to provide emergency medical care, but are not the designated transporters of the patient.

First Responder (EMS) is defined as EMS personnel who are part of an EMS response agency, respond as part of an organized emergency response system, but are not the designated transporter of the patient. For example, First Responder [sic] (EMS) includes EMS personnel who arrive by quick response EMS units, fire apparatus that is part of an EMS response agency, and supervisor/administrative vehicles operated by the transport EMS agency.

First Responder (Law Enforcement) is defined as public safety officers who are not part of an EMS response agency and act in an organized, official capacity to enforce the law.

First Responder (non-EMS Fire) is defined as fire department personnel who are not part of an EMS response agency and are not the designated transporter of the patient.

EMS Responder (transport) is defined as EMS personnel who are the designated transporter of the patient.

For states and local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), eArrest.22 is the equivalent of CARES data element #28 Who First Defibrillated the Patient as defined by CARES in the CARES 2019 Data Dictionary:

[https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20\(2019\).pdf](https://mycares.net/sitepages/uploads/2019/Data%20Dictionary%20(2019).pdf).”

<b>Lung Assessment</b>			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> New Field	<b>Location in Run Form:</b> Provider Action > Exam > Assessment	<b>NEMESIS Element Name:</b> eExam.23

**Definition:** “The assessment findings associated with the patient's lungs.”

<b>Lung Assessment Finding Location</b>			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> New Field	<b>Location in Run Form:</b> Provider Action > Exam > Assessment	<b>NEMESIS Element Name:</b> eExam.22


**Definition:** “The location of the patient's lung assessment findings.”

<b>Chest Assessment</b>			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> New Field	<b>Location in Run Form:</b> Provider Action > Exam > Assessment	<b>NEMESIS Element Name:</b> eExam.25


**Definition:** “The assessment findings associated with the patient's chest.”

<b>Chest Assessment Finding Location</b>			
<b>Level of Impact:</b> ★★	<b>Change Type:</b> New Field	<b>Location in Run Form:</b> Provider Action > Exam > Assessment	<b>NEMESIS Element Name:</b> eExam.24


**Definition:** “The location of the patient's chest assessment findings.”

Stroke Scale Score			
<b>Level of Impact:</b> 	<b>Change Type:</b> New Location	<b>Location in Run Form:</b> Provider Action > Exam > Vitals	<b>NEMESIS Element Name:</b> eVitals.29

**Definition:** “The findings or results of the Stroke Scale Type (eVitals.30) used to assess the patient exhibiting stroke-like symptoms.”

Carbon Dioxide (CO2, ETCO2)			
<b>Level of Impact:</b> 	<b>Change Type:</b> Renamed	<b>Location in Run Form:</b> Provider Action > Exam > Vitals	<b>NEMESIS Element Name:</b> eVitals.17

**Definition:** “The numeric value of the patient's carbon monoxide level measured as a percentage (%) of carboxyhemoglobin (COHb)... Added to allow use of new patient monitoring devices.”

Date/Time Last Known Well			
<b>Level of Impact:</b> 	<b>Change Type:</b> Priority Increase	<b>Location in Run Form:</b> Provider Action > Exam	<b>NEMESIS Element Name:</b> eSituation.18

**Definition:** “The estimated date and time the patient was last known to be well or in their usual state of health. This is described or estimated by the patient, family, and/or bystanders... For stroke related events, this is the date and time the patient was last seen normal. For cardiac or respiratory arrest related events, this is the date and time the patient was last known to have a pulse or when interaction was had with the patient. For drowning related events, this is the date and time the patient was last seen. For injury or trauma related events, this is the date and time the patient was injured.”

**For any questions, please contact:**

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