



Version 3 Change Summary

(Based on the Version 3 Final Draft Dated 2/5/2010)

NEMESIS Version 3 Change Summary

Demographic Dataset

Section D01: Agency General Information

- Section restructured to all EMS Agencies to be associated with multiple states
- EMS Agencies can have multiple Agency numbers within a state
- Improved EMS Agency service area documentation by county, zip code, and census tract
- Added a Fire Department Identifier for fire based EMS Agencies

Section D02: Agency Contact Information

- Added Contact Type to allow multiple contacts for each EMS Agency
- Clarified the EMS Agencies formal address
- Added international address information
- Moved Medical Director Contact from Section D03 into a Section D02 Contact Type

Section D03: Agency Medical Director Information

- Moved Medical Director Contact information to Section D02
- Added Medical Director Board Certification information

Section D04: Agency Configuration Information

- Improved State Certification/Licensure Level information including the new Educational Standards
- Improved documentation of each EMS Agencies implementation of EMS professional levels, procedures, medications, and protocols
- Added documentation of the EMS professional level permitted to administer medications or perform procedures
- Removed EMS Unit Call Sign information
- Removed geographic zone information in favor of GPS
- Healthcare facility names, insurance company information and other information from Version 2 associated with building value lists for PCR entry has been removed. These items can be maintained by the EMS software and do not require NEMESIS defined data elements.
- Additional EMD content added to better define EMD implementation within an EMS Agencies service area.
- Data Element added to better document the EMS Agencies patient monitoring capability

Section D05: Agency Station Information

- Added EMS Location Type to allow addition location types to be documented
- Removed geographic zone information in favor of GPS

Section D06: Agency Vehicle Information

- Clarified Vehicle Number as being unique to a specific vehicle
- Added the ability to document the staffing associated with each EMS vehicle type

Section D07: Agency Personnel information

- Added the ability for each EMS professional to have a credential with more than one state
- Added additional information to better document each EMS professional's employment information, job role, practice level, and responsibilities

Section D08: General Personnel Information

- Added international address information
- Merged Race and Ethnicity into a multi-select data element
- Added documentation associated with education, citizenship, motor vehicle license type,

immunization status, and language
<ul style="list-style-type: none"> Added additional certification/licensure information related to initial and expiration dates Added additional National Registry information
Section D09: Medical Device Information
<ul style="list-style-type: none"> Added a medical device type to allow for additional medical devices to be documented
Section DN10: Custom Information
<ul style="list-style-type: none"> Added section to allow for custom data elements to be created and implemented as a part of the Demographic dataset
EMS Dataset
Section E01: EMS Record Information
<ul style="list-style-type: none"> No change
Section E02: Unit/Agency Information
<ul style="list-style-type: none"> Added Agency Name to better identify the owner of the PCR Clarified that the EMS Vehicle Number should represent a specific vehicle and not a call sign Removed geographic zone in favor of GPS Clarified mileage information recommending a counter approach Expanded Response Mode to the Scene parameters
Section E03: Unit/Call Information
<ul style="list-style-type: none"> No change
Section E04: Unit/Personnel Information
<ul style="list-style-type: none"> No change
Section E05: Times
<ul style="list-style-type: none"> Incident or Onset Time retired in favor of Date/Time of Symptom Onset in Situation Section E09 Added Dispatch Received Date/Time to clarify Dispatch to EMS communication handoff Added Destination Patient Transfer of Care Date/Time to better track EMS to ED handoff Added Arrival at Destination Landing Area Date/Time for Air Medical Services Added EMS Call Completed Date/Time to better document a completed EMS call/event
Section E06: Patient
<ul style="list-style-type: none"> Added an EMS Patient ID to allow better tracking of a patient across multiple EMS events Added Census Track information to allow improved population based analysis Combined Race and Ethnicity into a single multiple choice data element to improve Ethnicity documentation Added a patient email address
Section E07: Billing
<ul style="list-style-type: none"> Added additional content of Physician Certification Statement Added content on residency status of the patient Added international address information Added Patient Transport Assessment to better document the patient's need for the EMS transport Added Specialty Care Transport Care information to better document that the EMS transport met the criteria for Specialty Care Added the Ambulance Transport and Reason Codes required by CMS Added Round Trip descriptive content Added Stretcher Purpose description to document need for stretcher Added Ambulance Conditions Indicator required by CMS Added Mileage to Closest Hospital since billed mileage is often restricted to this distance Added content of ALS Assessment to document that the patient required ALS care

<ul style="list-style-type: none"> Condition Code Number (E07_36) was Retired since the Condition Code Number is now the code for E07_35 (EMS Condition Code)
<ul style="list-style-type: none"> Added content of Transport Authorization Code
<ul style="list-style-type: none"> Added the ability to document Supply Items Used for the EMS event
Section E08: Scene
<ul style="list-style-type: none"> Added ability to document that the EMS unit associated with the PCR was the First EMS Unit on Scene
<ul style="list-style-type: none"> Added the ability to document the ID of other EMS or public safety Agencies
<ul style="list-style-type: none"> Estimated Date/Time of First Responder arriving on scene was retired in favor of the actual Date/Time the First Responder Arrived on Scene. If this time was not known exactly, EMS should estimate the date/time.
<ul style="list-style-type: none"> Geographic Zone numbers have been retired in favor of GPS
<ul style="list-style-type: none"> Added the ability to document Census Tract information
<ul style="list-style-type: none"> Added International Address information
Section E09: Situation
<ul style="list-style-type: none"> Added Date/Time of Symptom Onset to better document injury, STEMI, Stroke, etc. onset
<ul style="list-style-type: none"> Prior Aid has been retired. All Prior Aid should be documented in the Medication or Procedure Section
<ul style="list-style-type: none"> Complaint information has been grouped to allow a Complaint Type (Primary, Secondary, etc) to be documented in a more efficient manner.
<ul style="list-style-type: none"> Added ability to document the patients initial condition at the scene
<ul style="list-style-type: none"> Added ability to document work related injury, occupational industry, and occupation
Section E10: Situation/Trauma
<ul style="list-style-type: none"> Added additional content of Physician Certification Statement
<ul style="list-style-type: none"> Clarified position of patient in the vehicle based on the MUCC definitions
<ul style="list-style-type: none"> Added ability to document OSHA Personal Protection Equipment use associated with the injury
<ul style="list-style-type: none"> Added Automated Crash Notification Information based on OASIS definitions
Section E11: Situation/CPR
<ul style="list-style-type: none"> Added additional content of the type/quality of CPR provided prior to EMS arrival
<ul style="list-style-type: none"> Added additional content on AED use prior to EMS arrival
<ul style="list-style-type: none"> Added additional content on the type of CPR used in the EMS resuscitation
<ul style="list-style-type: none"> Added ability to document if therapeutic hypothermia was implemented by EMS
Section E12: Medical History
<ul style="list-style-type: none"> No significant change
Section E13: Narrative
<ul style="list-style-type: none"> No significant change
Section E14: Assessment/Vital Signs
<ul style="list-style-type: none"> Added additional ECG content to document the lead and type of ECG
<ul style="list-style-type: none"> Added additional content to document the Method of ECG Interpretation
<ul style="list-style-type: none"> Added Mean Arterial Pressure
<ul style="list-style-type: none"> Retired Electronic Monitor Rate. This was merged into Heart Rate
<ul style="list-style-type: none"> Added ability to document Carbon Monoxide level
<ul style="list-style-type: none"> Added ability to document the type of pain scale used
<ul style="list-style-type: none"> Added ability to document the type of stroke scale used
Section E15: Assessment/Injury
<ul style="list-style-type: none"> This section was retired and merged into Section E16 (Assessment/Exam)

Section E16: Assessment/Exam
<ul style="list-style-type: none"> ▪ Added ability to document Face Assessment ▪ Merged Abdominal Assessment into an Abdominal Assessment and Finding Location ▪ Merged Back Assessment into a Back and Spine Assessment and Finding Location ▪ Merged Extremity Assessment into an Extremity Assessment and Finding Location ▪ Merged Eye Assessment into an Eye Assessment and Finding Location
Section E17: Intervention
<ul style="list-style-type: none"> ▪ Added an Age Category to the Protocol Used
Section E18: Intervention/Medication
<ul style="list-style-type: none"> ▪ Added the ability to document the EMS or Healthcare Professional Type associated with the medication administration. This is to better document medications administered prior to EMS arrival/care.
Section E19: Intervention/Procedure
<ul style="list-style-type: none"> ▪ Added the ability to document the EMS or Healthcare Professional Type associated with the procedure. This is to better document procedures completed prior to EMS arrival/care. ▪ Airway Tube confirmation was retired from this section. The entire Section E24 now addresses airway management
Section E20: Disposition
<ul style="list-style-type: none"> ▪ Added international address capability ▪ Removed geographic zone information in favor of GPS ▪ Added ability to document number of patients transported by the EMS unit associated with the PCR ▪ Added EMS Transport Method to better document the use of Air Medical and other transport methods ▪ Added ability to document pre-arrival notification of the destination and its associated Date/Time. This will improve the ability to document and monitor Trauma, STEMI, Stroke, and Other Regionalized Systems of Care. ▪ Added ability to document Disposition instructions provide to patients
Section E21: Medical Device Data
<ul style="list-style-type: none"> ▪ This section has been consolidated and simplified. Vital sign information has been retired and merged with Section E14.
Section E22: Outcome and Linkage
<ul style="list-style-type: none"> ▪ External Report IDs (hospital, Law enforcement, trauma registry, etc.) has been merged into an External Report ID/Number and Type
Section E23: Miscellaneous
<ul style="list-style-type: none"> ▪ Added ability to document the EMS Crew Member ID with the use of Personal Protection Equipment, Exposure, Work Related Injury, or Death ▪ Required Reportable Conditions was retired for lack of use ▪ Research Survey Fields was retired in favor of a more robust Section D10 and D25 ▪ Added ability to attached external electronic documents to the PCR ▪ Added additional content to better document, capture, and store electronic signatures
Section EN24: Airway Management
<ul style="list-style-type: none"> ▪ Added section to allow for improved documentation of airway placement, ventilation, and monitoring. Based on NAEMSP data definitions with some slight modification.
Section EN25: Custom Information
<ul style="list-style-type: none"> ▪ Added section to allow for custom data elements to be created and implemented as a part of the EMS dataset

