Emergency Medical Services

Incident Reporting System

Version 3.1.2

(EMSIRS-3)

Technical Data Dictionary

Based upon NEMSIS 3.4.0

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Acknowledgements

The Ohio State Board of Emergency Medical, Fire and Transportation Services and the EMS Division of the Ohio Department of Public Safety would like to thank the myriad of people – too numerous to list here – who have worked tirelessly to create, expand and transform the EMS Incident Reporting System from its inception and early beginnings at the turn of the century into the robust research and policymaking tool it is today. This growth and development would not have been possible without the strength of their combined knowledge, wisdom and hard work.

EMSIRS is a component of the Ohio Data Systems and is maintained by the Ohio Department of Public Safety, 1970 W. Broad St., Columbus, Ohio 43218. For more information about the EMS Incident Reporting System, contact the Ohio Department of Public Safety's EMS Office of Research and Analysis, at

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What is the EMS Incident Reporting System (EMSIRS)

History: Information collected will be used as a guide to determine the impact of training and the areas that need to be focused on for training. The Division will hold any patient record collected in the strictest confidence allowable by Ohio Law. Annually the Ohio Department of Public Safety Division of EMS will generate a statistical report. This report will be considered public record and will be disbursed to interested parties.

The basis for the data elements collected by EMSIRS is the national standard EMS data set created by the National EMS Information System (NEMSIS). The NEMSIS data set was created to replace the aging and increasingly ineffective Uniform Prehospital Data Set, which was the national standard from 1992 until 2004, and was the basis for the original EMSIRS data set.

In the first version of EMSIRS, we collected 55 essential elements in 6 general categories, (Incident Demographics, Patient Demographics, Assessment, Procedures, Medications and Disposition.) In the second data set (EMSIRS-2) we collect 80 required elements.

In version 1, entries that are described as “Essential” are to be reported to the state for use in the EMS Incident Reporting Database. Entries that are for "Local Use Only" will be included in the state developed software and may be used for local reporting, but are not required to be reported to the state. "Local Use Only" data elements will not be included in state run reports. In version 2, the “Optional” entries are used for local reporting.

The 'Local Use Only' fields or the ‘Optional’ will be used in the ODPS/EMS web-based application and will not be included in the submission structure for agencies that have either in-house software or vendor created software.

Why: §4765.06 of Ohio Revised Code 11/12/92

The state board of emergency medical services shall establish an emergency medical services incidence reporting system for the collection of information regarding the delivery of emergency medical services in this state and the frequency at which the services are provided. All emergency medical service organizations shall submit to the board any information that the board determines is necessary for maintaining the incidence reporting system.

Who reports: EMS incident includes any ground or air response to a call for emergency medical services by a public or private emergency medical service organization.

Emergency runs only.

The final transporting agency is responsible for reporting the incidence. Agencies using the web-based application may add incidence that they do not transport, this information will not be included in any statistical reports produced.

- Final Transporting Unit Reports.
- If patient transported to Air Medical Unit, the Air Medical Unit will report.
- If patient transported to a hospital then transferred to another hospital, both units will report.
- If Unit 1 responds and Unit 2 transports, Unit 2 will report.
- If Unit 1 transports and transfers care to Unit 2, Unit 2 will report.
- If two agencies respond and no transport occurs, the first responding agency reports.
- Emergency Medical Responders do NOT Submit.
- Our goal is to receive one report per patient.

EMSIRS Overview and Summary

This data dictionary is based upon the NEMSIS Data Dictionary Version 3.4.0 and in an effort to mirror the NEMSIS Data Dictionary; much of the content is taken directly from the NEMSIS Data Dictionary. This document is intended for the software developer community. Those NEMSIS field values that will not be collected are designated by a strikethrough.

EMSIRS Version 3.1.0 Data Dictionary Content

- Data Element Name
  - The name for the data element.
- NEMSIS Version 3 Data Element Number
  - The NEMSIS Version 3 element numbering system has been revised to improve the information that can be derived from just the data element number. An example of a data element number is dAgency.01.
    - The data element number begins with either a "d" representing the demographic (agency) section or an "e" representing the EMS PCR section.
    - A one word descriptor for each section is now included in the data element number.
    - A period separates the section (e.g. dAgency) from the data element number (e.g. 01).
- National and State Element Indicator
  - National = Yes, is an indication that the data element is required to be collected:
    - at the local EMS agency level and submitted to the state
  - State = Yes, is an indication that the data element is recommended to be collected at the "State" level.
- Data Element Definition
  - The definition for the data element.
- Version 2 Number
  - The NEMSIS Version 2.2.1 Data Element Number.
  - If the Data Element is new to Version 3.4.0, the Version 2 Number will be blank.
- Data Structure Information
  - Recurrence
    - Indication that the data element can have more than one value.
      - Represented by two characters separated by a colon. The configuration includes:
        - 0:1 = element is not required and can occur only once
        - 0:M = element is not required and can repeat multiple times
        - 1:1 = element is required and can occur only once
        - 1:M = element is required and can repeat multiple times
  - Usage
    - Indication of when the data element is expected to be collected.
      - Mandatory = Must be completed and does not allow for NOT values
      - Required = Must be completed and allows NOT values
      - Recommended = Does not need to be completed and allows NOT values
      - Optional = Does not need to be completed and does not allow for NOT values
  - NOT Value Characteristics
    - Indication that the data element can have NOT values.
    - NOT Values are used (where permitted) to document that a data element was not applicable to the EMS response / request for service, was not or could not be completed.
    - NOT Values are documented as "an attribute" of an element. It allows the documentation of NOT value when a "real" value is not documented. *(Please reference the NEMSIS White Paper describing the use of NOT Values, Pertinent Negatives, and Nil.)*
  - NOT Values Accepted

        - Indication of which of the following three NOT values is acceptable.
        - Not all data elements accept NOT values.
        - NOT Values have been condensed in Version 3.
            - Not Applicable = *The data element is not applicable or pertinent to the EMS event.*
            - Not Recorded = *If a data element was unintentionally left blank the EMS software should auto-populate it with "Not Recorded".*
            - Not Reporting = *The data element is not collected by the EMS agency or state. This NOT value does not apply to National elements where "Usage = Required".*
    - Pertinent Negative Values (PN)
        - A list of Pertinent Negative Values which can be associated with a data element.
        - <u>Not all data elements accept Pertinent Negative Values.</u>
        - Pertinent Negative Values are documented as "an attribute" of an element. It allows the documentation of pertinent negative value in addition to the documentation of a "real" value. *(Please reference the NEMSIS White Paper describing the use of NOT Values, Pertinent Negatives, and Nil.)*
        - Example of use:
            - Example #1 - Aspirin Administration:
                - If the medication Aspirin is part of the agency protocol for Chest Pain but was not administered by the responding crew, the reason why should be documented. This is done through the use of Pertinent Negative Values. If the patient took the Aspirin prior to the EMS arrival on scene, the value "Medication Already Taken" should be documented in addition to "Aspirin".
    - Is Nillable
        - Indication that the element can accept a "blank" value.
        - If the element is left "blank" the software must submit an appropriate value of one of the two attributes: Pertinent Negative or NOT Values.
- Attributes
    - An attribute provides extra information within an element. For information related to the first three attributes please see the NEMSIS document 'How to Utilize NEMSIS V3 "NOT values/pertinent negatives/nillable"'. The following are possible attributes:

        - PN (Pertinent Negative)
            - 8801001 - Contraindication Noted
            - 8801003 - Denied By Order
            - 8801005 - Exam Finding Not Present
            - 8801007 - Medication Allergy
            - 8801009 - Medication Already Taken
            - 8801013 - No Known Drug Allergies
            - 8801015 - None Reported
            - 8801017 - Not Performed by EMS
            - 8801019 - Refused
            - 8801021 - Unresponsive
            - 8801023 - Unable to Complete

        - NV (Not Value)
            - 7701001 - Not Applicable
            - 7701003 - Not Recorded

            - 7701005 - Not Reporting

        - Nillable xsi:nil="true"

- Code List
    - A list of values associated with the data element. Not all data elements have predefined value sets.
    - Codes for each value:
        - The codes are based on a 7-digit number, in a 2-2-3 pattern (without dashes).
            - The first set of two numbers represent the data section
            - The second set of two numbers represent the element number
            - The last set is a 3-digit number for each value beginning at 001; The codes increase in increments of two (2).
        - Codes are typically sequential (by two) and alphabetical. Some ordering is provided in an effort to present information based on workflow.
        - Several values and codes reference external standards such as ICD-10, RxNorm, SNOMED, etc. NEMSIS will assist in providing a recommended list of EMS specific values and codes from these larger standards for most elements using these external standards.
- Data Element Editorial Comments
    - Comments are provided to describe additions, changes, clarifications, or provide additional insight into the data element.
    - Comments providing insight into specific Version 3 changes such as new or revised data elements.

National Elements that will not be collected in EMSIRS

The following elements will not be collected and should be defaulted to Not Applicable.

dConfiguration.05	Protocols Permitted by the State
eInjury.03	Trauma Center Criteria
eInjury.04	Vehicular, Pedestrian, or Other Injury Risk Factor
eProtocols.01	Protocols Used
eProtocols.02	Protocol Age Category
eVitals.31	Reperfusion Checklist
eOutcome.01	Emergency Department Disposition
eOutcome.02	Hospital Disposition

The following element will not be collected and should be defaulted to 9914075 – General - Universal Patient Care/Initial Patient Contact.

dConfiguration.10	EMS Agency Protocols

Ohio Retired Elements

The below listed elements will not be collected in version 3.

EMSIRS-2 Number	v2 Element Number	v2 Element Name	V3 Element Number	V3 Element Name
#027	E05_13	UNIT BACK AT HOME LOCATION DATE/TIME	eTimes.15	Unit Back at Home Location Date/Time
#031	E06_13	Ethnicity	Retired	(This is now collected in Race)
#035	E07_35	CONDITION CODE NUMBER	ePayment.51	EMS Condition Code
#039	E09_01	Prior Aid	Retired	(This is now collected in Med/Proc)
#040	E09_02	Prior Aid Performed by	Retired	
#041	E09_03	Outcome of the Prior Aid	Retired	

Is it "Not Applicable" or "Not Recorded"?

Not Applicable - At the time of EMS patient care report documentation, the information requested was "Not Applicable" to the incident or patient. For example, this value would be used to document injury related information on a patient who was ill and not injured.

Not Recorded - If a data element was unintentionally left blank, the EMS software should auto-populate it with "Not Recorded.

Not Reporting - This data element is not collect by the state

EMSIRS Inclusion Criteria

Which incidents require submission of data to EMSIRS?

Ohio Administrative Code section 4765-04-01 gives the legal definition:

(A) "EMS Incident" means any ground or air response to a call for emergency medical services by a public or private emergency medical service organization.

(B) "Response to a call for emergency medical service" means any of the following:

(1) Treatment provided to a patient by a person who holds an EMS certificate to practice, transport of a patient from a call for EMS to an emergency care facility …a cancelled call, or a call where a patient was treated and not transported.

(2) Transport between emergency care centers … provided by an EMS organization.

(3) Transports of a patient from a medical care facility or emergency care facility to a residence or non-emergency transports of a patient from a residence to a medical care facility are not included within this definition.

(C) "Medical care facility" means a doctor's office, hospital (excluding emergency department), outpatient care center, rehabilitation center, nursing home, extended care facility, or industrial clinic.

(D) "Emergency care facility" means a hospital emergency department, urgent care facility or trauma center.

In Summary:

EMSIRS Submission Criteria

The following types of runs are to be reported:

+ Transports to an emergency department
+ Transports to an urgent care center
+ Cancelled or disregarded runs not reported by another agency
+ Refusals of care
+ Treat and release
+ No patient found / gone on arrival
+ Dead at the scene
+ Transfers from an ED or urgent care center to another ED or urgent care center

The following types of runs are NOT to be reported:

- Transports to a doctor's office
- Transports to an outpatient care center
- Transports to a rehabilitation facility
- Transports to a nursing home / skilled nursing facility / extended care facility
- Transports to an industrial clinic
- Transports to a part of a hospital other than the emergency department
- Transports to a private residence
- Incidents that are reported by another agency

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DEMOGRAPHIC ELEMENTS

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dAgency.01 - EMS Agency Unique State ID

Definition: The unique ID assigned to the EMS Agency which is associated with all state licensure numbers and information.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: N/A	Is Nillable: No
Usage: Mandatory	Recurrence: 1 : 1

Data Element Comment

This may be the EMS Agency Name or a unique number assigned by the state EMS office. This is required to document

dAgency.02 - EMS Agency Number (Alternate ID)

Definition: The state-assigned provider number of the responding agency

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: D01_01	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

This is the primary identifier for the entire Demographic Section. Each of the Demographic sections must be associated with an EMS Agency Number. An EMS Agency can have more than one Agency Number within a state. This reflects the ability for an EMS Agency to have a different number for each service type or location (based on state implementation).

dAgency.03 - EMS Agency Name

Definition: The formal name of the agency.

National Element: No	Pertinent Negatives (PN) No
State Element: Yes	NOT Values: Yes
Version 2 Element: D01_02	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Data Element Comment

None

dAgency.04 - EMS Agency State

Definition: The state/territory which assigned the EMS agency number.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: D01_03	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

This has been clarified to reflect that it is the state in which the EMS Agency resides and the state associated with the EMS

dAgency.05 - EMS Agency Service Area States

Definition: The states in which the EMS Agency provides services including the state associated with the EMS Agency Number.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: N/A	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

Each state is captured as a group where the EMS agency provides service. The group includes dAgency.05, dAgency.06, dAgency.07, and Agency.08.

Element added to document all of the states in which the EMS agency provides services. Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.

dAgency.06 - EMS Agency Service Area County(ies)

Definition: The county(s) within each state for which the agency formally provides service.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: D01_04	Is Nillable: No
Usage: Mandatory	Recurrence 1 : M

Data Element Comment

Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state. County codes are based on ISO/ANSI codes. It is a 5-digit code based on state (2-digit) and county (5-digit).

dAgency.07 - EMS Agency Census Tracts

Definition: The US census tracts in which the EMS agency formally provides service.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Data Element Comment

This data element was added to better document the service area of the EMS Agency. Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.

Census tracts represent the smallest territorial unit for which population data are available in many countries.[2] In the United States, census tracts are subdivided into block groups and census blocks. In Canada they are divided into dissemination areas. In the U.S., Census tracts are "Designed to be relatively homogeneous units with respect to population characteristics, economic status, and living conditions, census tracts average about 4,000 inhabitants." U.S. Census Bureau definition

Finding Census tract numbers can be difficult and time consuming. Many times, researchers will refer to a Census tract as Census Tract 7 or Census Tract 9.01. But Census Tract 7 or 9.01 doesn't uniquely identify the Census tract; in fact, there are hundreds of Census Tract 7s in the United States. A Census tract is uniquely identified by using its complete 11 digit Census tract number.

For example, Census Tract 48-201-533701 is located in Harris County, Texas. The 48 is the FIPS code for Texas; the 201 is the FIPS code for Harris County; and the 533701 identifies the specific Census Tract

dAgency.08 - EMS Agency Service Area ZIP Codes

Definition: The ZIP codes for the EMS Agency's service area.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Data Element Comment

This data element was added to better document the service area of the EMS Agency. Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.

Zip Codes Product Website:
https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/

Product: USA - 5-digit ZIP Code Database, Commercial Edition

dAgency.09 - Primary Type of Service

Definition: The primary service type provided by the agency.

National Element: Yes	Pertinent Negatives (PN) No
State Element: Yes	NOT Values: No
Version 2 Element: D01_05	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Code List

Code	Description
9920001	911 Response (Scene) with Transport Capability
9920003	911 Response (Scene) without Transport Capability
9920005	Air Medical
9920007	ALS Intercept
9920011	Hazmat
~~9920013~~	~~Medical Transport (Convalescent, Interfacility Transfer Hospital and Nursing Home)~~
9920015	Rescue
~~9920017~~	~~Community Paramedicine~~
9920019	Critical Care (Ground)

Data Element Comment

The Primary Type of Service is associated with each of the EMS Agency Numbers.

dAgency.11 - Level of Service

Definition: The level of service which the agency provides EMS care for every request for service (the minimum certification level). This may be the license level granted by the state EMS office.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: D01_07	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Code List

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

Data Element Comment

The Level of Service is associated with the specific EMS Agency Number (dAgency.02) for the EMS Agency. For example a BLS licensed ambulance service (EMT-Basic) with EMT-Intermediate or EMT-Paramedic on staff, the appropriate level of service is "EMT-Basic". This is because the care provided to patients is limited to BLS skills.

dAgency.12 - Organization Status

Definition: The primary organizational status of the agency. The definition of Volunteer or Non-Volunteer is based on state or local definitions.

National Element: Yes

State Element: Yes

Version 2 Element: D01_09

Usage: Mandatory

Pertinent Negatives (PN): No

NOT Values: No

Is Nillable: No

Recurrence 1 : 1

Code List

Code	Description
1016001	Mixed
1016003	Non-Volunteer
1016005	Volunteer

Data Element Comment

The Organizational Status is associated with the EMS Agency and the specific EMS Agency Number (dAgency.02).

dAgency.13 - Organizational Type

Definition: The organizational structure from which EMS services are delivered (fire, hospital, county, etc.)

National Element: Yes

State Element: Yes

Version 2 Element: D01_08

Usage: Mandatory

Pertinent Negatives (PN): No

NOT Values: No

Is Nillable: No

Recurrence 1 : 1

Code List

Code	Description
9912001	Fire Department
9912003	Governmental, Non-Fire
9912005	Hospital
9912007	Private, Nonhospital
~~9912009~~	~~Tribal~~

Data Element Comment

Organizational Type is associated with the EMS Agency and the specific EMS Agency Number (dAgency.02).

dAgency.14 - EMS Agency Organizational Tax Status

Definition: The EMS Agencies business/corporate organizational tax status

National Element: Yes

State Element: Yes

Version 2 Element: N/A

Usage: Mandatory

Pertinent Negatives (PN): No

NOT Values: No

Is Nillable: No

Recurrence 1 : 1

Code List

Code	Description
1018001	For Profit
1018003	Other (ex: Government)
1018005	Not For Profit

Data Element Comment

Associated with the EMS Agency for the specific EMS Agency Number (dAgency.02).

dAgency.15 - Statistical Calendar Year

Definition: The calendar year to which the information pertains for the EMS Agency and the specific EMS Agency Number (dAgency.02).

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: D01_10	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

Added Calendar Year to the definition to remove confusion noted in draft comments. Will allow multiple entry to allow data to be stored on several years. This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02) and elements dAgency.16 through dAgency.22

dAgency.16 - Total Primary Service Area Size

Definition: The total square miles in the agency's service area.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: D01_12	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year

dAgency.17 - Total Service Area Population

Definition: The total population in the agency's service area based if possible on year 2010 census data.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: D01_13	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year.

dAgency.18 - 911 EMS Call Center Volume per Year

Definition: The number of EMS dispatches per year based on last calendar year.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: D01_14	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year.

dAgency.19 - EMS Dispatch Volume per Year

Definition: The number of EMS dispatches per based on last calendar year.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: D01_15	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year.

dAgency.20 - EMS Patient Transport Volume per Year

Definition: The number of EMS transports per year based on last calendar year.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: D01_16	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year.

dAgency.21 - EMS Patient Contact Volume per Year

Definition: The number of EMS patient contacts per year based on last calendar year.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: D01_17	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year.

dAgency.25 - National Provider Identifier

Definition: The National Provider Identifier issued by CMS.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: D01_21	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Data Element Comment

Only EMS Agencies billing for service will have an NPI number.

dAgency.26 - Fire Department ID Number

Definition: The state assigned Fire Department ID Number for EMS Agency(s) operating within a Fire Department.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Data Element Comment

Fire Department ID was added to better integrate Fire Department EMS Agencies and linkage to other EMS related data systems such as NFIRS. Added to better associate Fire and EMS licensure and operational identifiers.

dContact.01 – Agency Contact Type

Definition: The contact type within the EMS agency.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element: N/A	Is Nillable Yes
Usage Recommended	Recurrence 0 : 1

Code List

Code	Description
1101001	Administrative Assistant
1101003	EMS Agency Director/Chief/Lead Administrator/CEO
1101005	EMS Assistant Agency Director/Chief/Administrator/CEO
1101007	EMS Assistant Medical Director
1101009	EMS IT/Data Specialist
1101011	EMS Medical Director
1101013	EMS Quality/Performance Improvement Specialist
1101015	EMS Training/Education Specialist
1101017	Other

Data Element Comment

None.

dContact.02 – Agency Contact Last Name

Definition: The Last Name of the agency's primary contact.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element D02_01	Is Nillable Yes
Usage Recommended	Recurrence 0 : 1

Data Element Comment

None.

dContact.03 - Agency Contact First Name

Definition: The first name of the agency's primary contact.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element D02_03	Is Nillable Yes
Usage Recommended	Recurrence 0 : 1

Data Element Comment

None.

dContact.05 - Agency Contact Address

Definition: The street address of the agency contact's mailing address.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element D02_04	Is Nillable Yes
Usage Recommended	Recurrence 0 : 1

Data Element Comment

The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.

dContact.06 - Agency Contact City

Definition: The city of the EMS contact's mailing address.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element D02_05	Is Nillable Yes
Usage Recommended	Recurrence 0 : 1

Data Element Comment

The city should be the mailing address for each contact type for the EMS agency. The EMS agency primary address information (e.g., City) should be entered for the Agency Contact Type (dContact.05) “EMS Agency Director/Chief/LeadAdministrator/CEO”.

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

dContact.07 - Agency Contact State

Definition: The state of the Agency contact's mailing address.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element D02_06	Is Nillable Yes
Usage Recommended	Recurrence 0 : 1

Data Element Comment

The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency. Based on the state ANSI Code. For individuals living outside the USA full address to be entered in the address line.
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

dContact.08 - Agency Contact ZIP Code

Definition: The ZIP code of the Agency's contact's mailing address.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element D02_07	Is Nillable Yes
Usage Recommended	Recurrence 0 : 1

Data Element Comment

The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.

Zip Codes Product Website:
https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/
Product: USA - 5-digit ZIP Code Database, Commercial Edition.

dContact.10 - Agency Contact Phone Number

Definition: Agency contact phone number.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element D02_08	Is Nillable Yes
Usage Recommended	Recurrence 0 : M

Code List

Code	Description
9913001	Fax
9913003	Home
9913005	Mobile
9913007	Pager
9913009	Work

Data Element Comment

None

dContact.11 - Agency Contact Email Address

Definition: The primary email address of the Agency contact.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element D02_10	Is Nillable Yes
Usage Recommended	Recurrence 0 : M

Data Element Comment

The address for the director/chief/lead administrator/CEO/ should be the main address for the EMS agency.

dContact.12 - EMS Agency Contact Web Address

Definition: The primary website address of the agency.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element D02_11	Is Nillable Yes
Usage Recommended	Recurrence 0 : 1

Data Element Comment

The EMS agency website address should be entered for the Agency Contact Type (dContact.05) "EMS Agency Director/Chief/Lead Administrator/CEO". The EMS agency website address or other websites are optional for other contact types (e.g., Administrative Assistant, EMS Medical Director, etc.).

dContact.13 - Agency Medical Director Degree

Definition: The medical school degree type of the EMS Medical Director.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element	Is Nillable Yes
Usage Recommended	Recurrence 0 : 1

Code List

Code	Description
1113001	Doctor of Medicine
1113003	Doctor of Osteopathy

Data Element Comment

The Medical Director Information has been merged into Section dContact. This data element is now associated with the Medical Director and Assistant Medical Director Contacts in Section dContact.

dContact.14 - Agency Medical Director Board Certification Type

Definition: Documentation of the type of board certification of the EMS Agency Medical Director.

National Element No	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element	Is Nillable Yes
Usage Recommended	Recurrence 0 : M

Code List

Code	Description
1114001	Allergy and Immunology
1114003	Anesthesiology
1114005	Colon and Rectal Surgery
1114007	Dermatology
1114009	Emergency Medicine
1114011	Family Medicine
1114013	Internal Medicine
1114015	Neurological Surgery
1114017	Neurology
1114019	None (Not Board Certified)
1114021	Obstetrics and Gynecology
1114023	Ophthalmology
1114025	Orthopedic Surgery
1114027	Otolaryngology
1114029	Pediatrics
1114031	Physical Medicine and Rehabilitation
1114033	Plastic Surgery
1114035	Psychiatry
1114037	Surgery
1114039	Thoracic Surgery
1114041	Urology
1114043	Vascular Surgery

Data Element Comment

This is based on the American Board of Medical Specialties List of Certifications. The Medical Director Information from
Section D02 of NEMSIS Version 2.2.1 has been merged into Version 3 Section dContact.
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dConfiguration.01 - State Associated with the Certification/Licensure Levels

Definition: The state associated with the state certification/licensure levels.

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values No
Version 2 Element	Is Nillable No
Usage Mandatory	Recurrence 1 : 1

Data Element Comment

Associated with the state (dAgency.01 - EMS Agency State).

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

dConfiguration.02 - State Certification/Licensure Levels

Definition: All of the potential levels of certification/licensure for EMS personnel recognized by the state.

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values No
Version 2 Element D04_01	Is Nillable No
Usage Mandatory	Recurrence 1 : M

Code List

Code	Description
9911001	2009 Advanced Emergency Medical Technician (AEMT)
9911003	2009 Emergency Medical Responder (EMR)
9911005	2009 Emergency Medical Technician (EMT)
9911007	2009 Paramedic
~~9911009~~	~~EMT-Basic~~
~~9911011~~	~~EMT-Intermediate~~
~~9911013~~	~~EMT-Paramedic~~
~~9911015~~	~~First Responder~~
9911019	Other
9911021	Physician
9911023	Critical Care Paramedic
~~9911025~~	~~Community Paramedicine~~
9911027	Nurse Practitioner
9911029	Physician Assistant
9911031	Licensed Practical Nurse (LPN)
9911033	Registered Nurse

Data Element Comment

The new 2009 Education Levels have been added.

dConfiguration.03 - Procedures Permitted by the State

Definition: A list of all of the procedures permitted by the EMS Agency's licensing state.

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element	Is Nillable Yes
Usage Required	Recurrence 1 : M

Data Element Comment

This data element should capture all of the procedures permitted by the state for any/all levels of EMS personnel in the state.

This is associated with the EMS Agency State (dAgency.01). This is related to the EMS Agency's procedures

(dConfiguration.07) which have been implemented within the EMS System.

State EMS systems which have regulatory authority to determine the procedures statewide may identify SNOMEDCT procedure codes based on medical direction and their own need.

Code list is represented in SNOMEDCT: Reference the NEMSIS Suggested Lists at:
http://nemsis.org/v3/resources.html

SNOMEDCT

Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html

Product: Product - UMLS Metathesaurus

The EMS agency should submit "Not Applicable" and "Nil" to the state system for the demographic export. The state EMS system does not need to import this information into their database. It is the responsibility of the state to submit this element to the national EMS database (NEMSIS). Reference the Demographic Dataset Submission Guide for further details.

dConfiguration.04 - Medications Permitted by the State

Definition: A list of all of the medications permitted by the state to be used by each EMS state certification/licensure level.

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element	Is Nillable Yes
Usage Required	Recurrence 1 : M

Data Element Comment

This data element should capture all of the medications permitted by the state for any/all levels of EMS personnel in the state.

This should be stored as an RxNorm (RXCUI) Code. This is associated with the EMS Agency State (dAgency.01).

The EMS agency should submit "Not Applicable" and "Nil" to the state system for the demographic export. The state EMS system does not need to import this information into their database. It is the responsibility of the state to submit this element to the national EMS database (NEMSIS). Reference the Demographic Dataset Submission Guide for further details.

Version 3 Changes Implemented

State EMS systems which have regulatory authority to identify medications to be administered within the state may identify specific RxNorm codes based on medical direction and their own need.

List of medications based on RxNorm (RXCUI) code.

Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html

RxNorm

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

Product - UMLS Metathesaurus

Website - http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html

Product - RxNorm Full Monthly Release

dConfiguration.06 - EMS Certification Levels Permitted to Perform Each Procedure

Definition: EMS certification levels which are permitted to perform the procedure listed in dConfiguration.07.

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values No
Version 2 Element D04_05	Is Nillable No
Usage Mandatory	Recurrence 1 : 1

Code List

Code Description

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

Data Element Comment

Using each certification level within the agency, indicate the approved procedures allowed utilizing dConfiguration.07 (EMS Agency Procedures).

dConfiguration.07 - EMS Agency Procedures

Definition: A list of all procedures that the agency has implemented and available for use by any/all EMS certification levels.

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values No
Version 2 Element D04_04	Is Nillable No
Usage Mandatory	Recurrence 1 : M

Data Element Comment

This is associated with the EMS Agency Number (dAgency.02) since each EMS Agency Number may have different capabilities. Each procedure is associated with the EMS professional certification levels permitted to perform the procedure.

EMS Agencies may identify additional SNOMEDCT procedure codes based on medical direction and their own need.

If an agency resides in a state with statewide approved procedures, they should be listed/implemented here.
Code list is represented in SNOMEDCT: Reference the NEMSIS Suggested Lists at:
http://nemsis.org/v3/resources.html

SNOMEDCT

Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html

Product: Product - UMLS Metathesaurus

dConfiguration.08 - EMS Certification Levels Permitted to Administer Each Medication

Definition: All EMS certification levels which are permitted to administer the medications listed in dConfiguration.09 (EMS Agency Medications).

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values No
Version 2 Element D04_07	Is Nillable No
Usage Mandatory	Recurrence 1 : 1

Code List

Code Description

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

Data Element Comment

Using each certification level within the agency, indicate the approved medications allowed utilizing dConfiguration.09 (EMS Agency Medications).

dConfiguration.09 - EMS Agency Medications

Definition: A list of all medications the agency has implemented and have available for use.

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values No
Version 2 Element D04_06	Is Nillable No
Usage Mandatory	Recurrence 1 : M

Data Element Comment

The medication list is stored as the RxNorm (RXCUI) Code. This is associated with the EMS Agency Number (dAgency.02) since each EMS Agency Number may have different capabilities.

List of medications based on RxNorm (RXCUI) code. Reference the NEMSIS Suggested Lists at:

http://nemsis.org/v3/resources.html

RxNorm

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

Product - UMLS Metathesaurus

Website - http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html

Product - RxNorm Full Monthly Release

dConfiguration.11 - EMS Agency Specialty Service Capability

Definition: Special training or services provided by the EMS Agency and available to the EMS service area/community.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: N/A	Is Nillable: No
Usage: Mandatory	Recurrence 1 : M

Code List

Code	**Description**
1211001	Air Rescue
1211003	CBRNE
1211007	Disaster Medical Assistance Team (DMAT)
1211009	Disaster Mortuary (DMORT)
1211011	Dive Rescue
1211013	Farm Rescue
1211015	High Angle Rescue
1211017	Machinery Disentanglement
1211019	None
1211021	Ski / Snow Rescue
1211023	Tactical EMS
1211025	Trench / Confined Space Rescue
1211027	Urban Search and Rescue (USAR)
1211029	Vehicle Extrication
1211031	Veterinary Medical Assistance Team (VMAT)
1211033	Water or Ice Related Rescue (Incl Swift Water)
1211035	Wilderness Search and Rescue

Data Element Comment

None

dConfiguration.13 - Emergency Medical Dispatch (EMD) Provided to EMS Agency Service Area

Definition: Indication as to whether Emergency Medical Dispatch is provided to the EMS Agency's service area.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: N/A	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Code List

Code Description

1213001 No
1213003 Yes, 100% of the EMS Agency's Service Area
1213005 Yes, Less than 100% of the EMS Agency's Service Area

Data Element Comment

Added to better document the implementation of Emergency Medical Dispatch. Associated with each EMS Agency and the specific EMS Agency Number (dAgency.02).

dConfiguration.15 - Patient Monitoring Capability(ies)

Definition: The EMS Agency's patient monitoring capability which can be provided to any/all patients presenting to EMS.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: No

Version 2 Element: N/A

Is Nillable: No

Usage: Mandatory

Recurrence 1 : M

Code List

Code	Description
1215001	Capnography-Numeric
1215003	Capnography-Waveform
1215005	ECG-12 Lead or Greater
1215007	ECG-Less than 12 Lead (Cardiac Monitor)
1215009	Oximetry-Carbon Monoxide
1215011	Oximetry-Oxygen
1215013	Pressure Measurement-Invasive (Arterial, CVP, Swan, etc.)
1215015	Pressure Measurement-Non-Invasive (Blood Pressure, etc.)
1215017	Ventilator-Transport
1215019	Vital Sign Monitoring

Data Element Comment

Added to identify the patient monitoring capability of the EMS Agency. Associated with each EMS Agency Number (dAgency.02) since each EMS Agency Number may have a different capability within each EMS Agency. Other patient monitoring capability may exist but NEMSIS Version 3 only includes these specific capabilities.

dConfiguration.16 - Crew Call Sign

Definition: The EMS crew call sign used to dispatch and communicate with the unit. This may be the same as the EMS Unit/Vehicle Number in many agencies.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: D04_02	Is Nillable: No
Usage: Mandatory	Recurrence 1 : M

Data Element Comment

None

EMS EVENT ELEMENTS

eRecord.01 - Patient Care Report Number

Definition: The unique number automatically assigned by the EMS agency for each Patient Care Report (PCR). This should be a unique number for the EMS agency for all of time.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E01_01	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

None

eRecord.02 - Software Creator

Definition: The name of the vendor, manufacturer, and developer who designed the application that created this record.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E01_02	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

This is required to document the software used to generate the Patient Care Report. This is not the last software which aggregated/stored the Patient Care Report after it was sent from another software.

eRecord.03 - Software Name

Definition: The name of the application used to create this record.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E01_03	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

This is the EMS Agency's software, not the state or other level software which electronically received the data from the local EMS Agency.

eRecord.04 - Software Version

Definition: The version of the application used to create this record.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E01_04	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

None

eResponse.01 - EMS Agency Number

Definition: The state-assigned provider number of the responding agency

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E02_01	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

The EMS Agency Number in eResponse.01 can auto-populate from dAgency.02 EMS Agency Number in the demographic section.

eResponse.03 - Incident Number

Definition: The incident number assigned by the 911 Dispatch System

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E02_02	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

This number can be used to associate multiple EMS responses, dispatch information, and other information to the same EMS event or patient.

eResponse.04 - EMS Response Number

Definition: The internal EMS response number which is unique for each EMS Vehicle's (Unit) response to an incident within an EMS Agency.

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element E02_03	Is Nillable Yes
Usage Required	Recurrence 1 : 1

Data Element Comment

None

eResponse.05 - Type of Service Requested

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

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E02_04	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Code List

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

Data Element Comment

"Interfacility 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.

eResponse.07 - Primary Role of the Unit

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

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E02_05	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Code List

Code	Description
2207003	Ground Transport
2207005	Non-Transport Administrative (e.g., Supervisor)
2207007	Non-Transport Assistance
2207009	Non-Transport Rescue
2207011	Air Transport-Helicopter
~~2207013~~	~~Air Transport-Fixed Wing~~

Data Element Comment

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.

eResponse.08 - Type of Dispatch Delay

Definition: The dispatch delays, if any, associated with the dispatch of the EMS unit to the EMS event.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E02_06	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Code List

Code	Description
2208001	Caller (Uncooperative)
2208003	Diversion/Failure (of previous unit)
2208005	High Call Volume
2208007	Language Barrier
2208009	Location (Inability to Obtain)
2208011	No EMS Vehicles (Units) Available
2208013	None/No Delay
2208015	Other (Not Listed)
2208017	Technical Failure (Computer, Phone etc.)

Data Element Comment

A dispatch delay is any time delay that occurs from the time of PSAP call (eTimes.01) to the time the unit is notified by dispatch (eTimes.03).

eResponse.09 - Type of Response Delay

Definition: The response delays, if any, of the EMS unit associated with the EMS event.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E02_07	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Code List

Code	Description
2209001	Crowd
2209003	Directions/Unable to Locate
2209005	Distance
2209007	Diversion (Different Incident)
2209009	HazMat
2209011	None/No Delay
2209013	Other (Not Listed)
2209015	Rendezvous Transport Unavailable
2209017	Route Obstruction (e.g., train)
2209019	Scene Safety (Not Secure for EMS)
2209021	Staff Delay
2209023	Traffic
2209025	Vehicle Crash Involving this Unit
2209027	Vehicle Failure of this Unit
2209029	Weather
2209031	Mechanical Issue-Unit, Equipment, etc.
2209033	Flight Planning

Data Element Comment

Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc to return to service.

A response delay is any time delay that occurs from the time the unit is notified by dispatch (eTimes.03) to the time the unit arrived on scene (eTimes.06).

eResponse.10 - Type of Scene Delay

Definition: The scene delays, if any, of the EMS unit associated with the EMS event.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E02_08	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Code List

Code	Description
2210001	Awaiting Air Unit
2210003	Awaiting Ground Unit
2210005	Crowd
2210007	Directions/Unable to Locate
2210009	Distance
2210011	Extrication
2210013	HazMat
2210015	Language Barrier
2210017	None/No Delay
2210019	Other (Not Listed)
2210021	Patient Access
2210023	Safety-Crew/Staging
2210025	Safety-Patient
2210027	Staff Delay
2210029	Traffic
2210031	Triage/Multiple Patients
2210033	Vehicle Crash Involving this Unit
2210035	Vehicle Failure of this Unit
2210037	Weather
2210039	Mechanical Issue – Unit, Equipment, etc.

Data Element Comment

A scene delay is any time delay that occurs from the time the unit arrived on scene (eTimes.06) to the time the unit left the scene (eTimes.09).

eResponse.11 - Type of Transport Delay

Definition: The transport delays, if any, of the EMS unit associated with the EMS event.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E02_09	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Code List

Code	Description
2211001	Crowd
2211003	Directions/Unable to Locate
2211005	Distance
2211007	Diversion
2211009	HazMat
2211011	None/No Delay
2211013	Other (Not Listed)
2211015	Rendezvous Transport Unavailable
2211017	Route Obstruction (e.g., Train)
2211019	Safety
2211021	Staff Delay
2211023	Traffic
2211025	Vehicle Crash Involving this Unit
2211027	Vehicle Failure of this Unit
2211029	Weather
2211031	Patient Condition Change (e.g. Unit Stopped)

Data Element Comment

Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc.

A transport delay is any time delay that occurs from the time the unit left the scene (eTimes.09) to the time the patient arrived at the destination (eTimes.10).

eResponse.12 - Type of Turn-Around Delay

Definition: The turn-around delays, if any, of EMS unit associated with the EMS event.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E02_10	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Code List

Code	Description
2212001	Clean-up
2212003	Decontamination
2212005	Distance
2212007	Documentation
2212009	ED Overcrowding / Transfer of Care
2212011	Equipment Failure
2212013	Equipment/Supply Replenishment
2212015	None/No Delay
2212017	Other (Not Listed)
2212019	Rendezvous Transport Unavailable
2212021	Route Obstruction (e.g. Train)
2212023	Staff Delay
2212025	Traffic
2212027	Vehicle Crash of this Unit
2212029	Vehicle Failure of this Unit
2212031	Weather
2212033	EMS Crew Accompanies Patient for Facility Procedure

Data Element Comment

Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc to return to service.

If a patient is being transported by the unit, turn-around delay is any time delay that occurs from the time the patient arrived at the destination (eTimes.10) until the time the unit is back in service (eTimes.13) or unit back at the home location (eTimes15) [whichever is the greater of the two times].

If no patient is being transported by the unit, turn-around delay is any time delay that occurs from the time the unit arrived on scene (eTimes.06) until the unit is back in service (eTimes.13) or the unit back at the home location (eTimes.15) [whichever is the greater of the two times].

eResponse.13 - EMS Vehicle (Unit) Number

Definition: The unique physical vehicle number of the responding unit.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E02_11	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

This is recommended to be the State Vehicle Permit Number if unique to the vehicle. If the vehicle is not licensed by the state, this should be a unique number only associated with a specific vehicle. This element should be populated from dVehicle.01 - Unit/Vehicle Number.

eResponse.14 - EMS Unit Call Sign

Definition: The EMS unit number used to dispatch and communicate with the unit. This may be the same as the EMS Unit/Vehicle Number in many agencies.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E02_12	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

This element could be populated from a list created in dVehicle.03 EMS Unit Call Sign or dConfiguration.16 (Crew Call Sign).

eResponse.15 - Level of Care of This Unit

Definition: The level of care (BLS or ALS) the unit is able to provide based on the units' treatment capabilities for this EMS response.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: N/A	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Code List

Code	Description
2215001	BLS-First Responder/EMR
2215003	BLS-Basic /EMT
2215005	BLS-AEMT
~~2215007~~	~~BLS-Intermediate~~
2215009	ALS-AEMT
~~2215011~~	~~ALS-Intermediate~~
2215013	ALS-Paramedic
~~2215015~~	~~ALS-Community Paramedicine~~
2215017	ALS-Nurse
2215019	ALS-Physician
2215021	Specialty Critical Care

Data Element Comment

Added to identify the level of care (license level) the EMS unit/crew can provide regardless of patient need, based on this unit's capabilities.

For example, if a unit/crew is staffed with an EMT-Intermediate or EMT-Paramedic but the unit is either licensed or stocked at a BLS level the appropriate level of care is "BLS-Basic". This is because the care provided to patients is limited to BLS skills.

eResponse.23 - Response Mode to Scene

Definition: The indication whether the response was emergent or non-emergent. An emergent response is an immediate response (typically using lights and sirens).

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E02_20	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Code List

Code	Description
2223001	Emergent (Immediate Response)
2223003	Emergent Downgraded to Non-Emergent
2223005	Non-Emergent
2223007	Non-Emergent Upgraded to Emergent

Data Element Comment

Information now split between eResponse.23 (Response Mode to Scene) and eResponse.24 (Additional Response Mode Descriptors)

eResponse.24 - Additional Response Mode Descriptors

Definition: The documentation of response mode techniques used for this EMS response.

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element	Is Nillable Yes
Usage Required	Recurrence 1 : M

Code List

Code Description

~~2224001 Intersection Navigation-Against Normal Light Patterns~~
~~2224003 Intersection Navigation-With Automated Light Changing Technology~~
~~2224005 Intersection Navigation-With Normal Light Patterns~~
~~2224007 Scheduled~~
~~2224009 Speed-Enhanced per Local Policy~~
~~2224011 Speed-Normal Traffic~~
~~2224013 Unscheduled~~
2224015 Lights and Sirens
~~2224017 Lights and No Sirens~~
2224019 No Lights or Sirens
2224021 Initial No Lights or Sirens, Upgraded to Lights and Sirens
2224023 Initial Lights and Sirens, Downgraded to No Lights or Sirens

Data Element Comment

Descriptors have been added to better describe the EMS Response.

eDispatch.01 - Complaint Reported by Dispatch

Definition: The complaint dispatch reported to the responding unit.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E03_01	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Code List

Code	Description
2301001	Abdominal Pain/Problems
2301083	Airmedical Transport
2301003	Allergic Reaction/Stings
2301005	Animal Bite
2301007	Assault
2301009	Automated Crash Notification
2301011	Back Pain (Non-Traumatic)
2301013	Breathing Problem
2301015	Burns/Explosion
2301017	Carbon Monoxide/Hazmat/Inhalation/CBRN
2301019	Cardiac Arrest/Death
2301021	Chest Pain (Non-Traumatic)
2301023	Choking
2301025	Convulsions/Seizure
2301027	Diabetic Problem
2301029	Electrocution/Lightning
2301031	Eye Problem/Injury
2301033	Falls
2301035	Fire
2301037	Headache
2301039	Healthcare Professional/Admission
2301041	Heart Problems/AICD
2301043	Heat/Cold Exposure
2301045	Hemorrhage/Laceration
2301047	Industrial Accident/Inaccessible Incident/Other Entrapments (Non-Vehicle)
2301049	Medical Alarm
2301051	No Other Appropriate Choice
2301053	Overdose/Poisoning/Ingestion
2301055	Pandemic/Epidemic/Outbreak
2301057	Pregnancy/Childbirth/Miscarriage
2301059	Psychiatric Problem/Abnormal Behavior/Suicide Attempt
2301061	Sick Person
2301063	Stab/Gunshot Wound/Penetrating Trauma
2301065	Standby
2301067	Stroke/CVA
2301069	Traffic/Transportation Incident
2301071	Transfer/Interfacility/Palliative Care

2301073	Traumatic Injury
2301075	Well Person Check
2301077	Unconscious/Fainting/Near-Fainting
2301079	Unknown Problem/Person Down
2301081	Drowning/Diving/SCUBA Accident

Data Element Comment

Added Pandemic/Epidemic/Outbreak.
Added Automated Crash Notification
Added Healthcare Professional Admission
Added Transfer/Interfacility/Palliative Care
- Other entries expanded based on current national EMD Dispatch List

eDispatch.02 - EMD Performed

Definition: Indication of whether Emergency Medical Dispatch was performed for this EMS event.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E03_02

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code Description

2302001 No
2302003 Yes, With Pre-Arrival Instructions
2302005 Yes, Without Pre-Arrival Instructions
2302007 Yes, Unknown if Pre-Arrival Instructions Given

Data Element Comment

None

eCrew.02 - Crew Member Level

Definition: The functioning level of the crew member ID during this EMS patient encounter.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E04_03	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Code List

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

Data Element Comment

eTimes.01 – PSAP Call Date/Time

Definition: The date/time the phone rings (911 call to public safety answering point or other designated entity) requesting EMS services.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E05_02	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

This date/time might be the same as Dispatch Notified Date/Time (eTimes.02).

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

eTimes.03 – Unit Notified by Dispatch Date/Time

Definition: The date/time the responding unit was notified by dispatch.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E05_04	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

eTimes.05 – Unit En Route Date/Time

Definition: The date/time the unit responded; that is, the time the vehicle started moving.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E05_05	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

eTimes.06 – Unit Arrived on Scene Date/Time

Definition: The date/time the responding unit arrived on the scene; that is, the time the vehicle stopped moving at the scene.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E05_06	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

eTimes.07 – Arrived at Patient Date/Time

Definition: The date/time the responding unit arrived at the patient's side.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E05_07	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

eTimes.09 – Unit Left Scene Date/Time

Definition: The date/time the responding unit left the scene with a patient (started moving).

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E05_09	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

eTimes.11 – Patient Arrived at Destination Date/Time

Definition: The date/time the responding unit arrived with the patient at the destination or transfer point.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E05_10	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

eTimes.12 – Destination Patient Transfer of Care Date/Time

Definition: The date/time that patient care was transferred to the destination healthcare facilities staff.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

This was added to better document delays in ED transfer of care due to ED crowding or other issues beyond EMS control.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

eTimes.13 – Unit Back in Service Date/Time

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).

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E05_11	Is Nillable: No
Usage: Mandatory	Recurrence 1 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

ePatient.07 – Patient's Home County

Definition: The patient's home county or parish of residence

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E06_06	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes) Should be required if there is a patient associated with the event.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

ePatient.08 – Patient's Home State

Definition: The state, territory, or province where the patient resides.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E06_07	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

The ANSI Code Selection by text but stored as ANSI code.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

ePatient.09 – Patient's Home ZIP Code

Definition: The patient's ZIP code of residence.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E06_08	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

ZIP Codes Product Website:
https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/

Product: USA – 5-digit ZIP Code Database, Commercial Edition

ePatient.13 – Gender

Definition: The patient's gender

National Element: Yes

State Element: Yes

Version 2 Element: E06_11

Usage: Required

Pertinent Negatives (PN): No

NOT Values: Yes

Is Nillable: Yes

Recurrence 1 : 1

Code List

Code Description

9906001 Female
9906003 Male
9906005 Unknown (Unable to Determine)

Data Element Comment

None

ePatient.14 – Race

Definition: The patient's race as defined by the OMB (US Office of Management and Budget)

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E06_12	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Code List

Code Description

2514001 American Indian or Alaska Native
2514003 Asian
2514005 Black or African American
2514007 Hispanic or Latino
2514009 Native Hawaiian or Other Pacific Islander
2514011 White

Data Element Comment

OMB requirements are provided at: http://www.omhrc.gov/templates/browse.aspx?lvl=2&lvlID=172. 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.

ePatient.15 – Age

Definition: The patient's age (either calculated from date of birth or best approximation)

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E06_14	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

None

ePatient.16 – Age Units

Definition: The unit used to define the patient's age

National Element: Yes

State Element: Yes

Version 2 Element: E06_15

Usage: Required

Pertinent Negatives (PN): No

NOT Values: Yes

Is Nillable: Yes

Recurrence 1 : 1

Code List

Code	Description
2516001	Days
2516003	Hours
2516005	Minutes
2516007	Months
2516009	Years

Data Element Comment

None

ePatient.17 – Date of Birth

Definition: The patient's date of birth

National Element: No	Pertinent Negatives (PN): Yes
State Element: Yes	NOT Values: Yes
Version 2 Element: E06_16	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Data Element Comment

None

ePayment.01 – Primary Method of Payment

Definition: The primary method of payment or type of insurance associated with this EMS encounter

National Element: Yes

State Element: Yes

Version 2 Element: E07_01

Usage: Required

Pertinent Negatives (PN): No

NOT Values: Yes

Is Nillable: Yes

Recurrence 1 : 1

Code List

Code	Description
2601001	Insurance
2601003	Medicaid
2601005	Medicare
2601007	Not Billed (for any reason)
2601009	Other Government
2601011	Self Pay
2601013	Workers Compensation
2601015	Payment by Facility
2601017	Contracted Payment
2601019	Community Network
2601021	No Insurance identified
2601023	Other Payment Option

Data Element Comment

None

ePayment.50 – CMS Service Level

Definition: The CMS service level for this EMS encounter.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E07_34

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
~~2650001~~	~~ALS, Level 1~~
2650003	ALS, Level 1 Emergency
2650005	ALS, Level 2
~~2650007~~	~~BLS~~
2650009	BLS, Emergency
~~2650011~~	~~Fixed Wing (Airplane)~~
2650013	Paramedic Intercept
2650015	Specialty Care Transport
2650017	Rotary Wing (Helicopter)

Data Element Comment

None

eScene.01 - First EMS Unit on Scene

Definition: Documentation that this EMS Unit was the first EMS Unit for the EMS Agency on the Scene

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element	Is Nillable Yes
Usage Required	Recurrence 1 : 1

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

Added to improve the evaluation of Response Times when multiple EMS units are responding to the same scene.

eScene.06 – Number of Patients at Scene

Definition: Indicator of how many total patients were at the scene

National Element: Yes

State Element: Yes

Version 2 Element: E08_05

Usage: Required

Pertinent Negatives (PN): No

NOT Values: Yes

Is Nillable: Yes

Recurrence 1 : 1

Code List

Code	Description
2707001	Multiple
2707003	None
2707005	Single

Data Element Comment

None

eScene.07 – Mass Casualty Incident

Definition: Indicator if this event would be considered a mass casualty incident (overwhelmed existing EMS resources)

National Element: Yes

State Element: Yes

Version 2 Element: E08_06

Usage: Required

Pertinent Negatives (PN): No

NOT Values: Yes

Is Nillable: Yes

Recurrence 1 : 1

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

None

eScene.08 – Triage Classification for MCI Patient

Definition: The color associated with the initial triage assessment/classification of the MCI patient.

National Element: Yes

State Element: Yes

Version 2 Element: N/A

Usage: Required

Pertinent Negatives (PN): No

NOT Values: Yes

Is Nillable: Yes

Recurrence 1 : 1

Code List

Code	Description
2708001	Red – Immediate
2708003	Yellow – Delayed
2708005	Green – Minimal (Minor)
2708007	Gray – Expectant
2708009	Black – Deceased

Data Element Comment

This element is documented when eScene.07 (Mass Casualty Incident) = Yes.

Examples of triage systems include START and SALT.

Adapted from: SALT mass casualty triage: concept endorsed by the American College of Emergency Physicians, American College of Surgeons Committee on Trauma, American Trauma Society, National Association of EMS Physicians, National Disaster Life Support

Education Consortium, and State and Territorial Injury Prevention Directors Association. Disaster Med Public Health Prep. 2008

Dec;2(4):245-6.

START reference: Benson M, Koenig KL, Schultz CH. Disaster triage: START, then SAVE-a new method of dynamic triage for victims of a catastrophic earthquake. Prehospital Disaster Med. 1996; Apr-Jun; 11(2): 117-24

eScene.09 – Incident Location Type

Definition: The kind of location where the incident happened

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E08_07	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html

ICD-10-CM
Website – http://uts.nlm.nih.gov
Product – UMLS Metathesaurus

eScene.15 – Incident Street Address

Definition: "The street address where the patient was found, or, if no patient, the address to which the unit responded."

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E08_11	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Data Element Comment

This is a CMS standard. According to the Medicare Claims Processing Manual, Chapter 15 – Ambulance, Ambulance suppliers bill using CMS-1500 form or CMS-1450 form for institution-based ambulance providers.

eScene.17 – Incident City

Definition: The city or township (if applicable) where the patient was found or to which the unit responded (or best approximation)

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E08_12	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Data Element Comment

City codes are based on GNIS Feature Class. The primary Feature Class to use is "Civil" with "Populated Place" and "Military" code as additional options.

Definitions for each GNIS City Feature Class can be found on the GNIS Codes website.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

eScene.18 – Incident State

Definition: The state, territory, or province where the patient was found or to which the unit responded (or best approximation)

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E08_14	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

Based on the ANSI State Code.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

eScene.19 – Incident ZIP Code

Definition: The ZIP code of the incident location

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E08_15	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

ZIP Codes Product Website:
https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/
Product: USA – 5-digit ZIP Code Database, Commercial Edition

eScene.21 – Incident County

Definition: The county or parish where the patient was found or to which the unit responded (or best approximation)

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E08_13	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes) Should be required if there is a patient associated with the event.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

eSituation.01 – Date/Time of Symptom Onset

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.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E05_01	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

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. The intent of this element is to document the estimate date and time the patient was last known to be in their normal state.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

Added to better define the EMS patient event.

eSituation.02 – Possible Injury

Definition: Indication whether or not there was an injury

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E09_04

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
9922001	No
9922003	Unknown
9922005	Yes

Data Element Comment

This data element provides documentation to classify the EMS Reason for Encounter as either injury or non-injury related based on mechanism and not on actual injury. 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.

eSituation.04 – Complaint

Definition: The statement of the problem by the patient or the history provider.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E09_05	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Data Element Comment

None

eSituation.07 – Chief Complaint Anatomic Location

Definition: The primary anatomic location of the chief complaint as identified by EMS personnel

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E09_11	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Code List

Code	Description
2807001	Abdomen
2807003	Back
2807005	Chest
2807007	Extremity-Lower
2807009	Extremity-Upper
2807011	General/Global
2807013	Genitalia
2807015	Head
2807017	Neck

Data Element Comment

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.

eSituation.08 – Chief Complaint Organ System

Definition: The primary organ system of the patient injured or medically affected.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E09_12	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Code List

Code	Description
2808001	Behavioral/Psychiatric
2808003	Cardiovascular
2808005	CNS/Neuro
2808007	Endocrine/Metabolic
2808009	GI
2808011	Global/General
2808013	Lymphatic/Immune
2808015	Musculoskeletal/Skin
2808017	Reproductive
2808019	Pulmonary
2808021	Renal

Data Element Comment

Altered to follow the anatomical organ systems as defined by general anatomy. Added Lymphatic/Immune; Merged Skin with Muscular-Skeletal. Changed OB/Gyn to Reproductive.

Retained non-organ system designations for Global/General and Behavioral/Psychiatric.

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.

eSituation.09 – Primary Symptom

Definition: The primary sign and symptom present in the patient or observed by EMS personnel

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E09_13	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

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 Diagnoses Codes. Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html

ICD-10-CM
Website – http://uts.nlm.nih.gov
Product – UMLS Metathesaurus

eSituation.10 – Other Associated Symptoms

Definition: Other symptoms identified by the patient or observed by EMS personnel

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E09_14	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Data Element Comment

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html

ICD-10-CM
Website – http://uts.nlm.nih.gov
Product – UMLS Metathesaurus

eSituation.11 – Provider's Primary Impression

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).

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E09_15	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at:
http://nemsis.org/v3/resources.html

ICD-10-CM
Website – http://uts.nlm.nih.gov
Product – UMLS Metathesaurus

eSituation.12 – Provider's Secondary Impressions

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).

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E09_16	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Data Element Comment

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at:
http://nemsis.org/v3/resources.html

ICD-10-CM
Website – http://uts.nlm.nih.gov
Product – UMLS Metathesaurus

eSituation.13 – Initial Patient Acuity

Definition: The acuity of the patient's condition upon EMS arrival at the scene.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Code List

Code	Description
2813001	Critical (Red)
2813003	Emergent (Yellow)
2813005	Lower Acuity (Green)
2813007	Dead without Resuscitation Efforts (Black)

Data Element Comment

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.

eSituation.14 – Work-Related Illness/Injury

Definition: Indication of whether or not the illness or injury is work related.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E07_15	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Code List

Code	Description
9922001	No
9922003	Unknown
9922005	Yes

Data Element Comment

Moved from Version 2.2.1 E07_15 to allow more complete documentation of work related illness and injury.

eSituation.18 – Date/Time Last Known Well

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.

National Element: No	Pertinent Negatives (PN): No
State Element: No	NOT Values: No
Version 2 Element:	Is Nillable: No
Usage: Optional	Recurrence 0 : 1

Data Element Comment

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.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

eInjury.01 – Cause of Injury

Definition: The category of the reported/suspected external cause of the injury.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E10_01	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Data Element Comment

Suggested code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html

Code list is represented in ICD-10 Codes.
Website – http://uts.nlm.nih.gov
Product – UMLS Metathesaurus

eInjury.02 – Mechanism of Injury

Definition: The mechanism of the event which caused the injury

National Element: No

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E10_03

Is Nillable: Yes

Usage: Recommended

Recurrence 0 : M

Code List

Code	Description
2902001	Blunt
2902003	Burn
2902005	Other
2902007	Penetrating

Data Element Comment

None

eInjury.07 – Use of Occupant Safety Equipment

Definition: Safety equipment in use by the patient at the time of the injury

National Element: No

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E10_08

Is Nillable: Yes

Usage: Recommended

Recurrence 0 : M

Code List

Code	Description
2907001	Child Booster Seat
2907003	Eye Protection
2907005	Helmet Worn
2907007	Infant Car Seat Forward Facing
2907009	Infant Car Seat Rear Facing
~~2907011~~	~~Lap Belt With Shoulder Belt~~
~~2907013~~	~~Lap Belt Without Shoulder Belt~~
2907015	None
2907017	Other
2907019	Personal Floatation Device
2907021	Protective Clothing
2907023	Protective Non-Clothing Gear
2907027	Shoulder and Lap Belt Used
2970729	Lap Belt Only Used
2907031	Shoulder Belt Only Used

Data Element Comment

MMUCC P7 data element used as baseline information. Data element expanded for added definition in non-vehicular settings.

eInjury.08 – Airbag Deployment

Definition: Indication of Airbag Deployment

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: E10_09	Is Nillable: No
Usage: Optional	Recurrence 0 : M

Code List

Code	Description
2908001	Airbag Deployed Front
2908003	Airbag Deployed Side
2908005	Airbag Deployed Other (knee, Air belt, etc.)
2908007	No Airbag Deployed
2908009	No Airbag Present

Data Element Comment

MMUCC P8 data element used but Other added to include newer airbag devices. URL:

http://www.mmucc.us/mmucctraining_old/lessons/occupant/seatingposition_files/seatingposition04.htm

eArrest.01 – Cardiac Arrest

Definition: Indication of the presence of a cardiac arrest at any time during this EMS event.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes NOT	Values: Yes
Version 2 Element: E11_01	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Code List

Code	Description
3001001	No
3001003	Yes, Prior to EMS Arrival
3001005	Yes, After EMS Arrival

Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria.

If this EMS event is for an interfacility transfer of a patient with a recent history of a cardiac arrest with ROSC, and who does not experience another cardiac arrest during transport, then do not document Cardiac Arrest (eArrest.01) with "Yes, Prior to EMS Arrival".

eArrest.02 – Cardiac Arrest Etiology

Definition: Indication of the etiology or cause of the cardiac arrest (classified as cardiac, non-cardiac, etc.)

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E11_02	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Code List

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

Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria.

Following the UTSTEIN standard of cardiac arrest etiology the values were determined based on 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

eArrest.03 – Resuscitation Attempted By EMS

Definition: Indication of an attempt to resuscitate the patient who is in cardiac arrest (attempted, not attempted due to DNR, etc.)

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E11_03	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Code List

Code	Description
3003001	Attempted Defibrillation
3003003	Attempted Ventilation
3003005	Initiated Chest Compressions
3003007	Not Attempted-Considered Futile
3003009	Not Attempted-DNR Orders
3003011	Not Attempted-Signs of Circulation

Data Element Comment

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

eArrest.04 – Arrest Witnessed By

Definition: Indication of who the cardiac arrest was witnessed by

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E11_04	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Code List

Code	Description
3004001	Not Witnessed
3004003	Witnessed by Family Member
3004005	Witnessed by Healthcare Provider
3004007	Witnessed by Lay Person

Data Element Comment

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

eArrest.05 – CPR Care Provided Prior to EMS Arrival

Definition: Documentation of the CPR provided prior to EMS arrival

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

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

eArrest.06 – Who Provided CPR Prior to EMS Arrival

Definition: Documentation of who performed CPR prior to this EMS unit's arrival.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: N/A	Is Nillable: No
Usage: Optional	Recurrence 0 : M

Code List

Code	Description
3006001	Family Member
3006003	First Responder (Fire, Law, EMS)
3006005	Healthcare Professional (Non-EMS)
3006007	Lay Person (Non-Family)
3006009	Other EMS Professional (not part of dispatched response)

Data Element Comment

Associated with eArrest.05 (CPR Care Provided Prior to EMS Arrival) but only required if CPR was provided prior to EMS arrival.

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

eArrest.07 – AED Use Prior to EMS Arrival

Definition: Documentation of AED use Prior to EMS Arrival

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Code List

Code	Description
3007001	No
3007003	Yes, Applied without Defibrillation
3007005	Yes, With Defibrillation

Data Element Comment

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

eArrest.08 – Who Used AED Prior to EMS Arrival

Definition: Documentation of who performed CPR prior to this EMS unit's arrival.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: No
Version 2 Element: N/A	Is Nillable: No
Usage: Optional	Recurrence 0 : M

Code List

Code	Description
3008001	Family Member
3008003	First Responder (Fire, Law, EMS)
3008005	Healthcare Professional (Non-EMS)
3008007	Lay Person (Non-Family)
3008009	Other EMS Professional (not part of dispatched response)

Data Element Comment

Associated with eArrest.07 (AED Use Prior to EMS Arrival).

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

eArrest.09 – Type of CPR Provided

Definition: Documentation of the type/technique of CPR used by EMS.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Required

Recurrence 1 : M

Code List

Code	Description
3009001	Compressions-Continuous
3009003	Compressions-External Band Type Device
3009005	Compressions-External Plunger Type Device
3009007	Compressions-External Thumper Type Device
3009009	Compressions-Intermittent with Ventilation
3009011	Compressions-Other Device (Not Listed)
3009013	Ventilation-Bag Valve Mask
3009015	Ventilation-Impedance Threshold Device
3009017	Ventilation-Mouth to Mouth
3009019	Ventilation-Pocket Mask

Data Element Comment

Added to capture special CPR techniques.

eArrest.11 – First Monitored Arrest Rhythm of the Patient

Definition: Documentation of what the first monitored arrest rhythm which was noted

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E11_05

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
3011001	Asystole
3011005	PEA
3011007	Unknown AED Non-Shockable Rhythm
3011009	Unknown AED Shockable Rhythm
3011011	Ventricular Fibrillation
3011013	Ventricular Tachycardia-Pulseless

Data Element Comment

Added term "Arrest" to title to clarify this is the arrest rhythm
Values "Other" and "Normal Sinus Rhythm" removed since they are not Cardiac Arrest Rhythms.
Value "Ventricular Tachycardia" has been changed to "Ventricular Tachycardia-Pulseless".

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

eArrest.12 - Any Return of Spontaneous Circulation

Definition: Indication whether or not there was any return of spontaneous circulation.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E11_06	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Code List

Code	Description
3012001	No
3012003	Yes, At Arrival at the ED
3012005	Yes, Prior to Arrival at the ED
3012007	Yes, Sustained for 20 consecutive minutes

Data Element Comment

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

This element needs to be documented when the patient has been in cardiac arrest and transported to a healthcare facility to show the change in patient condition, if any.

Any ROSC is defined as any brief (approximately >30 seconds) restoration of spontaneous circulation that provides evidence of more than an occasional gasp, occasional fleeting palpable pulse, or arterial waveform.

eArrest.14 - Date/Time of Cardiac Arrest

Definition: The date/time of the cardiac arrest (if not known, please estimate).

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E11_08	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

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

Changed from estimated time prior to EMS arrival to date/time of cardiac arrest.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

eArrest.15 - Date/Time Resuscitation Discontinued

Definition: The date/time the CPR was discontinued (or could be time of death)

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E11_09	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

eArrest.16 - Reason CPR/Resuscitation Discontinued

Definition: The reason that CPR or the resuscitation efforts were discontinued.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E11_10

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
3016001	DNR
3016003	Medical Control Order
3016005	Obvious Signs of Death
3016007	Physically Unable to Perform
3016009	Protocol/Policy Requirements Completed
3016011	Return of Spontaneous Circulation (pulse or BP noted)

Data Element Comment

Added Resuscitation to Title to allow better documentation of disposition.

eArrest.17 - Cardiac Rhythm on Arrival at Destination

Definition: The patient's cardiac rhythm upon delivery or transfer to the destination

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E11_11	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Code List

Code	Description
9901001	Agonal/Idioventricular
9901003	Asystole
9901005	Artifact
9901007	Atrial Fibrillation
9901009	Atrial Flutter
9901011	AV Block-1st Degree
9901013	AV Block-2nd Degree-Type 1
9901015	AV Block-2nd Degree-Type 2
9901017	AV Block-3rd Degree
9901019	Junctional
9901021	Left Bundle Branch Block
9901023	Non-STEMI Anterior Ischemia
9901025	Non-STEMI Inferior Ischemia
9901027	Non-STEMI Lateral Ischemia
9901029	Non-STEMI Posterior Ischemia
9901031	Other (Not Listed)
9901033	Paced Rhythm
9901035	PEA
9901037	Premature Atrial Contractions
9901039	Premature Ventricular Contractions
9901041	Right Bundle Branch Block
9901043	Sinus Arrhythmia
9901045	Sinus Bradycardia
9901047	Sinus Rhythm
9901049	Sinus Tachycardia
9901051	STEMI Anterior Ischemia
9901053	STEMI Inferior Ischemia
9901055	STEMI Lateral Ischemia
9901057	STEMI Posterior Ischemia
9901059	Supraventricular Tachycardia
9901061	Torsades De Points
9901063	Unknown AED Non-Shockable Rhythm
9901065	Unknown AED Shockable Rhythm
9901067	Ventricular Fibrillation
9901069	Ventricular Tachycardia (With Pulse)
9901071	Ventricular Tachycardia (Pulseless)

Data Element Comment

This element needs to be documented when the patient has been in cardiac or respiratory arrest and transported to a healthcare facility to show the change in patient condition, if any. The cardiac rhythm list has been updated to be the same for eVitals.03 (Cardiac Rhythm Electrocardiography (ECG)). They are using the common type:

CardiacRhythm. ST segment changes consistent (or not consistent) with STEMI criteria should be documented as Ischemia in the appropriate location

eArrest.18 - End of EMS Cardiac Arrest Event

Definition: The patient's outcome at the end of the EMS event.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Code List

Code	Description
3018001	Expired in ED
3018003	Expired in the Field
3018005	Ongoing Resuscitation in ED
3018007	ROSC in the Field
3018009	ROSC in the ED
3018011	Ongoing Resuscitation by Other EMS

Data Element Comment

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.

eHistory.01 - Barriers to Patient Care

Definition: Indication of whether or not there were any patient specific barriers to serving the patient at the scene

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E12_01	Is Nillable: Yes
Usage: Required	Recurrence 1 : M

Code List

Code	Description
3101001	Cultural, Custom, Religious
3101003	Developmentally Impaired
3101005	Hearing Impaired
3101007	Language
3101009	None Noted
3101011	Obesity
3101013	Physical Barrier (Unable to Access Patient)
3101015	Physically Impaired
3101017	Physically Restrained
3101019	Psychologically Impaired
3101021	Sight Impaired
3101023	Speech Impaired
3101025	Unattended or Unsupervised (including minors)
3101027	Unconscious
3101029	Uncooperative
3101031	State of Emotion Distress

Data Element Comment

Added Obesity, Sight Impaired, Psychologically Impaired

eHistory.05 - Advance Directives

Definition: The presence of a valid DNR form, living will, or document directing end of life or healthcare treatment decisions.

National Element: No

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E12_07

Is Nillable: Yes

Usage: Recommended

Recurrence 0 : M

Code List

Code	Description
3105001	Family/Guardian request DNR (but no documentation)
3105003	Living Will
3105005	None
3105007	Other (Not Listed)
3105009	Other Healthcare Advanced Directive Form
3105011	State EMS DNR or Medical Order Form

Data Element Comment

Advanced Directive and Do Not Resuscitate are both included in this data element.

eHistory.17 - Alcohol/Drug Use Indicators

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

National Element: Yes

Pertinent Negatives (PN): Yes

State Element: Yes

NOT Values: Yes

Version 2 Element: E12_19

Is Nillable: Yes

Usage: Required

Recurrence 1 : M

Code List

Code	Description
3117001	Alcohol Containers/Paraphernalia at Scene
3117003	Drug Paraphernalia at Scene
3117005	Patient Admits to Alcohol Use
3117007	Patient Admits to Drug Use
3117009	Positive Level known from Law Enforcement or Hospital Record
3117011	Smell of Alcohol on Breath

Data Element Comment

None

eVitals.01 - Date/Time Vital Signs Taken

Definition: The date/time vital signs were taken on the patient.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E14_01	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

eVitals.02 - Obtained Prior to this Units EMS Care

Definition: Indicates that the information which is documented was obtained prior to the documenting EMS units care.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E14_02

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

This is the NEMSIS Version 3 method to document prior aid.

eVitals.03 - Cardiac Rhythm / Electrocardiography (ECG)

Definition: The cardiac rhythm / ECG and other electrocardiography findings of the patient as interpreted by EMS personnel.

National Element: Yes

State Element: Yes

Version 2 Element: E14_03

Usage: Required

Pertinent Negatives (PN): Yes

NOT Values: Yes

Is Nillable: Yes

Recurrence 1 : M

Code List

Code	Description
9901001	Agonal/Idioventricular
9901003	Asystole
9901005	Artifact
9901007	Atrial Fibrillation
9901009	Atrial Flutter
9901011	AV Block-1st Degree
9901013	AV Block-2nd Degree-Type 1
9901015	AV Block-2nd Degree-Type 2
9901017	AV Block-3rd Degree
9901019	Junctional
9901021	Left Bundle Branch Block
9901023	Non-STEMI Anterior Ischemia
9901025	Non-STEMI Inferior Ischemia
9901027	Non-STEMI Lateral Ischemia
9901029	Non-STEMI Posterior Ischemia
9901031	Other (Not Listed)
9901033	Paced Rhythm
9901035	PEA
9901037	Premature Atrial Contractions
9901039	Premature Ventricular Contractions
9901041	Right Bundle Branch Block
9901043	Sinus Arrhythmia
9901045	Sinus Bradycardia
9901047	Sinus Rhythm
9901049	Sinus Tachycardia
9901051	STEMI Anterior Ischemia
9901053	STEMI Inferior Ischemia
9901055	STEMI Lateral Ischemia
9901057	STEMI Posterior Ischemia
9901059	Supraventricular Tachycardia
9901061	Torsades De Points
9901063	Unknown AED Non-Shockable Rhythm
9901065	Unknown AED Shockable Rhythm
9901067	Ventricular Fibrillation
9901069	Ventricular Tachycardia (With Pulse)
9901071	Ventricular Tachycardia (Pulseless)

Data Element Comment

None.

eVitals.04 - ECG Type

Definition: The type of ECG associated with the cardiac rhythm.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
3304001	3 Lead
3304003	4 Lead
3304005	5 Lead
3304007	12 Lead-Left Sided (Normal)
3304009	12 Lead-Right Sided
3304011	15 Lead
3304013	18 Lead
3304015	Other (AED,Not Listed)

Data Element Comment

Version 3 Changes Implemented.

Added to better document ECG results.

eVitals.05 - Method of ECG Interpretation

Definition: The method of ECG interpretation.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Required

Recurrence 1 : M

Code List

Code	Description
3305001	Computer Interpretation
3305003	Manual Interpretation
3305005	Transmission with No Interpretation
3305007	Transmission with Remote Interpretation

Data Element Comment

"Transmission with no interpretation" may be used by EMS Agency Personnel that are not trained to interpret cardiac rhythms.

Version 3 Changes Implemented.

Added to better document ECG results.

eVitals.06 - SBP (Systolic Blood Pressure)

Definition: The patient's systolic blood pressure.

National Element: Yes	Pertinent Negatives (PN): Yes
State Element: Yes	NOT Values: Yes
Version 2 Element: E14_04	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

Required for ACS-Field Triage and other patient scoring systems.

eVitals.07 - DBP (Diastolic Blood Pressure)

Definition: The patient's diastolic blood pressure.

National Element: No	Pertinent Negatives (PN): Yes
State Element: Yes	NOT Values: Yes
Version 2 Element: E14_05	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Data Element Comment

Diastolic blood pressure pattern allows for the following values:
1) A number 0 through 500
2) P
3) p

eVitals.08 - Method of Blood Pressure Measurement

Definition: Indication of method of blood pressure measurement.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E14_06

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
3308001	Arterial Line
3308003	Doppler
3308005	Cuff-Automated
3308007	Cuff-Manual Auscultated
3308009	Cuff-Manual Palpated Only
3308011	Venous Line

Data Element Comment

None.

eVitals.10 - Heart Rate

Definition: The patient's heart rate expressed as a number per minute.

National Element: Yes	Pertinent Negatives (PN): Yes
State Element: Yes	NOT Values: Yes
Version 2 Element: E14_07	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

Pulse Rate and Electronic Monitor Rate have been merged with an additional data element for Method of Heart Rate Measurement.

eVitals.12 - Pulse Oximetry

Definition: The patient's oxygen saturation.

National Element: Yes	Pertinent Negatives (PN): Yes
State Element: Yes	NOT Values: Yes
Version 2 Element: E14_09	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

None.

eVitals.14 - Respiratory Rate

Definition: The patient's respiratory rate expressed as a number per minute.

National Element: Yes	Pertinent Negatives (PN): Yes
State Element: Yes	NOT Values: Yes
Version 2 Element: E14_11	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

None.

eVitals.16 - End Tidal Carbon Dioxide (ETCO2)

Definition: 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).

National Element: Yes	Pertinent Negatives (PN): Yes
State Element: Yes	NOT Values: Yes
Version 2 Element: E14_13	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

None.

eVitals.18 - Blood Glucose Level

Definition: The patient's blood glucose level.

National Element: Yes

Pertinent Negatives (PN): Yes

State Element: Yes

NOT Values: Yes

Version 2 Element: E14_14

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Data Element Comment

None.

eVitals.19 - Glasgow Coma Score-Eye

Definition: The patient's Glasgow Coma Score Eye opening.

National Element: Yes

Pertinent Negatives (PN): Yes

State Element: Yes

NOT Values: Yes

Version 2 Element: E14_15

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
1	No eye movement when assessed (All Age Groups)
2	Opens Eyes to painful stimulation (All Age Groups)
3	pens Eyes to verbal stimulation (All Age Groups)
4	pens Eyes spontaneously (All Age Groups)

Data Element Comment

Definitions now based on the National Trauma Data Standard (NTDS).

eVitals.20 - Glasgow Coma Score-Verbal

Definition: The patient's Glasgow Coma Score Verbal.

National Element: Yes

Pertinent Negatives (PN): Yes

State Element: Yes

NOT Values: Yes

Version 2 Element: E14_16

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
1	No verbal/vocal response (All Age Groups)
2	Incomprehensible sounds (>2 Years); Inconsolable, agitated
3	Inappropriate words (>2 Years); Inconsistently consolable, moaning
4	Confused (>2 Years); Cries but is consolable, inappropriate interactions
5	Oriented (>2 Years); Smiles, oriented to sounds, follows objects, interacts

Data Element Comment

Definitions now based on the National Trauma Data Standard (NTDS).

eVitals.21 - Glasgow Coma Score-Motor

Definition: The patient's Glasgow Coma Score Motor

National Element: Yes

Pertinent Negatives (PN): Yes

State Element: Yes

NOT Values: Yes

Version 2 Element: E14_17

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
1	No Motor Response (All Age Groups)
2	Extension to pain (All Age Groups)
3	Flexion to pain (All Age Groups)
4	Withdrawal from pain (All Age Groups)
5	Localizing pain (All Age Groups)
6	Obeys commands (>2Years); Appropriate response to stimulation

Data Element Comment

Definitions now based on the National Trauma Data Standard (NTDS).

eVitals.22 - Glasgow Coma Score-Qualifier

Definition: Documentation of factors which make the GCS score more meaningful.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E14_18

Is Nillable: Yes

Usage: Required

Recurrence 1 : M

Code List

Code	Description
3322001	Eye Obstruction Prevents Eye Assessment
3322003	Initial GCS has legitimate values without interventions such as intubation and sedation
3322005	Patient Chemically Paralyzed
3322007	Patient Chemically Sedated
3322009	Patient Intubated

Data Element Comment

None.

eVitals.23 - Total Glasgow Coma Score

Definition: The patient's total Glasgow Coma Score.

National Element: No	Pertinent Negatives (PN): Yes
State Element: Yes	NOT Values: Yes
Version 2 Element: E14_19	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Data Element Comment

Can be documented or calculated from EVitals.19 (GCS-Eye), EVitals.20 (GCS-Verbal), and EVitals.21 (GCS-Motor).

eVitals.26 - Level of Responsiveness (AVPU)

Definition: The patient's highest level of responsiveness.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E14_22

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
3326001	Alert
3326003	Verbal
3326005	Painful
3326007	Unresponsive

Data Element Comment

Definition changed to indicate highest level of responsiveness.

eVitals.27 - Pain Scale Score

Definition: The patient's indication of pain from a scale of 0-10.

National Element: Yes	Pertinent Negatives (PN): Yes
State Element: Yes	NOT Values: Yes
Version 2 Element: E14_23	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

The Pain Score can be obtained from several pain measurement tools or pain scale types (eVitals.28). The pain scale type used should have a numeric value associated with each diagram as appropriate. If the pain scale type utilizes multiple indicators/categories the total should be calculated and entered for the pain score associated with the patient assessment.

eVitals.29 - Stroke Scale Score

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

National Element: Yes

Pertinent Negatives (PN): Yes

State Element: Yes

NOT Values: Yes

Version 2 Element: E14_24

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
3329001	Negative
3329003	Non-Conclusive
3329005	Positive

Data Element Comment

None.

eVitals.30 - Stroke Scale Type

Definition: The type of stroke pain scale used.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

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

Data Element Comment

Version 3 Changes Implemented.

Added to include additional detail on the stroke scale used.

eMedications.01 – Date/Time Medication Administered

Definition: The date/time medication administered to the patient.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E18_01	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' S+)? (zzzzzz)

eMedications.02 – Medication Administered Prior to this Units EMS Care

Definition: Indicates that the medication administration which is documented was administered prior to this EMS units care.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E18_02

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

This is the NEMSIS Version 3 method to document prior aid.

eMedications.03 – Medication Given

Definition: The medication given to the patient

National Element: Yes	Pertinent Negatives (PN): Yes
State Element: Yes	NOT Values: Yes
Version 2 Element: E18_03	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

List of medications based on RxNorm (RXCUI) code.

Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html

RxNorm
Website – http://uts.nlm.nih.gov

Product – UMLS Metathesaurus
Website – http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html
Product – RxNorm Full Monthly Release

eMedications.04 – Medication Administered Route

Definition: The route medication was administered to the patient

National Element: No

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: No

Version 2 Element: E18_04

Is Nillable: No

Usage: Optional

Recurrence 0 : 1

Code List

Code	Description
9927001	Blow-By
9927003	Buccal
9927005	Endotracheal Tube (ET)
9927007	Gastrostomy Tube
9927009	Inhalation
9927011	Intraarterial
9927013	Intradermal
9927015	Intramuscular (IM)
9927017	Intranasal
9927019	Intraocular
9927021	Intraosseous (IO)
9927023	Intravenous (IV)
9927025	Nasal Cannula
9927027	Nasogastric
9927029	Nasotracheal Tube
9927031	Non-Rebreather Mask
9927033	Ophthalmic
9927035	Oral
9927037	Other/miscellaneous
9927039	Otic
9927041	Re-breather mask
9927043	Rectal
9927045	Subcutaneous
9927047	Sublingual
9927049	Topical
9927051	Tracheostomy
9927053	Transdermal
9927055	Urethral
9927057	Ventimask
9927059	Wound
9927061	Portacath

Data Element Comment

This medication route list represents a sub-group of values from the Data Elements for Emergency Department Systems (DEEDS), pertaining to prehospital care.

DEEDS Version 1.0 was utilized for this list: http://www.cdc.gov/ncipc/pub-res/pdf/deeds.pdf. The list can be found on page 152 of 274 of the PDF document in Section 5, 5.13 Current Therapeutic Medication Route.

eMedications.05 – Medication Dosage

Definition: The dose or amount of the medication given to the patient.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E18_05

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Data Element Comment

None.

eMedications.06 – Medication Dosage Units

Definition: The unit of medication dosage given to patient.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E18_06

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
3706001	Grams (gms)
3706003	Inches (in)
3706005	International Units (IU)
3706007	Keep Vein Open (kvo)
3706009	Liters (l)
3706011	Liters Per Minute (l/min [fluid])
3706013	Metered Dose (MDI)
3706015	Micrograms (mcg)
3706017	Micrograms per Kilogram per Minute (mcg/kg/min)
3706019	Milliequivalents (mEq)
3706021	Milligrams (mg)
3706023	Milligrams per Kilogram Per Minute (mg/kg/min)
3706025	Milliliters (ml)
3706027	Milliliters per Hour (ml/hr)
3706029	Other
3706031	Centimeters (cm)
3706033	Drops (gtts)
3706035	Liters Per Minute (LPM [gas])
3706037	Micrograms per Minute (mcg/min)
3706039	Milligrams per Kilogram (mg/kg)
3706041	Milligrams per Minute (mg/min)
3706043	Puffs
3706045	Units per Hour (units/hr)
3706047	Micrograms per Kilogram (mcg/kg)
3706049	Units
3706051	Units per Kilogram per Hour (units/kg/hr)
3706053	Units per Kilogram (units/kg)

Data Element Comment

None.

eMedications.07 – Response to Medication

Definition: The patient's response to the medication.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E18_07

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

Data Element Comment

None.

eMedications.08 – Medication Complication

Definition: Any complication (abnormal effect on the patient) associated with the administration of the medication to the patient by EMS.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E18_08

Is Nillable: Yes

Usage: Required

Recurrence 1 : M

Code List

Code	Description
3708001	Altered Mental Status
3708003	Apnea
3708005	Bleeding
3708007	Bradycardia
3708009	Bradypnea
3708011	Diarrhea
3708013	Extravasation
3708015	Hypertension
3708017	Hyperthermia
3708019	Hypotension
3708021	Hypothermia
3708023	Hypoxia
3708025	Injury
3708043	Itching
3708045	Urticaria
3708029	Nausea
3708031	None
3708033	Other
3708035	Respiratory Distress
3708037	Tachycardia
3708039	Tachypnea
3708041	Vomiting

Data Element Comment

None.

eMedications.10 - Role/Type of Person Administering Medication

Definition: The type (level) of EMS or Healthcare Professional Administering the Medication. For medications administered prior to EMS arrival, this may be a non-EMS healthcare professional.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

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

Data Element Comment

Added to document the type of healthcare professional administering the medication. This could be auto-completed from the crew ID but is necessary to document medication administration prior to EMS arrival. State may maintain an enumerated list but must collapse to the National Standard.

Version 3 Changes Implemented.

Added to better document the type of healthcare professional who administered the medication.

eProcedures.01 - Date/Time Procedure Performed

Definition: The date/time the procedure was performed on the patient

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E19_01	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

eProcedures.02 - Procedure Performed Prior to this Units EMS Care

Definition: Indicates that the procedure which was performed and documented was performed prior to this EMS units care.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E19_02

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

This is the NEMSIS Version 3 method to document prior aid.

eProcedures.03 - Procedure

Definition: The procedure performed on the patient.

National Element: Yes	Pertinent Negatives (PN): Yes
State Element: Yes	NOT Values: Yes
Version 2 Element: E19_03	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

Procedures which are recorded as a Vital Sign do not have to be documented in the Procedure Section. Code list is represented in SNOMEDCT. Reference the NEMSIS Suggested Lists at: http://nemsis.org/v3/resources.html

SNOMEDCT
Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html
Product: Product - UMLS Metathesaurus

eProcedures.05 - Number of Procedure Attempts

Definition: The number of attempts taken to complete a procedure or intervention regardless of success.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E19_05

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Data Element Comment

None.

eProcedures.06 - Procedure Successful

Definition: Indicates that this procedure attempt which was performed on the patient was successful

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E19_06

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

None.

eProcedures.07 - Procedure Complication

Definition: Any complication (abnormal effect on the patient) associated with the performance of the procedure on the patient.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E19_07

Is Nillable: Yes

Usage: Required

Recurrence 1 : M

Code List

Code	Description
3907001	Altered Mental Status
3907003	Apnea
3907005	Bleeding
3907047	Bradycardia
3907007	Bradypnea
3907009	Diarrhea
3907011	Esophageal Intubation-immediately
3907013	Esophageal Intubation-other
3907015	Extravasation
3907017	Hypertension
3907019	Hyperthermia
3907021	Hypotension
3907023	Hypothermia
3907025	Hypoxia
3907027	Injury
3907049	Itching
3907051	Urticaria
3907031	Nausea
3907033	None
3907035	Other (Not Listed)
3907039	Respiratory Distress
3907041	Tachycardia
3907043	Tachypnea
3907045	Vomiting

Data Element Comment

None.

eProcedures.08 - Response to Procedure

Definition: The patient's response to the procedure

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E19_08

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
9916001	Improved
9916003	Unchanged
9916005	Worse

Data Element Comment

None.

eProcedures.10 - Role/Type of Person Performing the Procedure

Definition: The type (level) of EMS or Healthcare Professional performing the procedure. For procedures performed prior to EMS arrival, this may be a non-EMS healthcare professional.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

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

Data Element Comment

Added to document the type of healthcare professional administering the medication. This could be auto-completed from the crew ID but is necessary to document medication administration prior to EMS arrival. State may maintain an enumerated list but must collapse to the National Standard.

eAirway.01 - Indications for Invasive Airway

Definition: The clinical indication for performing invasive airway management.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : M

Code List

Code	Description
4001001	Adequate Airway Reflexes/Effort, Potential for Compromise
4001003	Airway Reflex Compromised
4001005	Apnea or Agonal Respirations
4001007	Illness Involving Airway
4001009	Injury Involving Airway
4001011	Other (Not Listed)
4001013	Ventilatory Effort Compromised

Data Element Comment

Added to better document airway management.

eAirway.02 - Date/Time Airway Device Placement Confirmation

Definition: The date and time the airway device placement was confirmed.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Data Element Comment

SAD=Supraglottic Airway Device

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

Added to better document airway management.

eAirway.03 - Airway Device Being Confirmed

Definition: The airway device in which placement is being confirmed.

National Element: No

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Recommended

Recurrence 0 : 1

Code List

Code	Description
4003001	Cricothyrotomy Tube
4003003	Endotracheal Tube
4003005	Other-Invasive Airway
4003007	SAD-Combitube
4003009	SAD-King
4003011	SAD-LMA
4003013	SAD-Other
4003015	Tracheostomy Tube

Data Element Comment

Added to better document airway management. SAD means Supraglottic Airway Device.

eAirway.04 - Airway Device Placement Confirmed Method

Definition: The method used to confirm the airway device placement.

National Element: No

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Recommended

Recurrence 0 : 1

Code List

Code	Description
4004001	Auscultation
4004003	Bulb/Syringe Aspiration
4004005	Colorimetric ETCO2
4004007	Condensation in Tube
4004009	Digital (Numeric) ETCO2
4004011	Direct Re-Visualization of Tube in Place
4004013	Endotracheal Tube Whistle (BAAM, etc.)
4004015	Other
4004017	Visualization of Vocal Cords
4004019	Waveform ETCO2

Data Element Comment

If the invasive airway is confirmed via multiple methods each method should be documented individually by time, method, and type of individual.

Added to better document airway management.

eAirway.08 - Airway Complications Encountered

Definition: The airway management complications encountered during the patient care episode.

National Element: No

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Recommended

Recurrence 0 : M

Code List

Code	Description
4008001	Adverse Event from Facilitating Drugs
4008003	Bradycardia (<50)
4008005	Cardiac Arrest
4008007	Esophageal Intubation-Delayed Detection (After Tube Secured)
4008009	Esophageal Intubation-Detected in Emergency Department
4008011	Failed Intubation Effort
4008013	Injury or Trauma to Patient from Airway Management Effort
4008015	Other (Not Listed)
4008017	Oxygen Desaturation (<90%)
4008019	Patient Vomiting/Aspiration
4008021	Tube Dislodged During Transport/Patient Care
4008023	Tube Was Not in Correct Position when EMS Crew/Team Assumed Care of the Patient

Data Element Comment

Added to better document airway management.

eDisposition.01 - Destination/Transferred To, Name

Definition: The destination the patient was delivered or transferred to.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E20_01	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Data Element Comment

Recommended State data element since no national code for destination. May be populated from the list in dFacility.02 (Facility Name).

eDisposition.02 - Destination/Transferred To, Code

Definition: The code of the destination the patient was delivered or transferred to.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E20_02	Is Nillable: Yes
Usage: Recommended	Recurrence 0 : 1

Data Element Comment

May be populated from list in dFacility.03 (Facility Location Code) or dFacility.05 (Facility National Provider Identifier) if a health care facility. NPI codes can be found on the NEMSIS SharePoint site.

eDisposition.05 - Destination State

Definition: The state of the destination the patient was delivered or transferred to.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E20_05	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

Based on the ANSI Code. May be auto-populated if list created in dFacility.09 (Facility State).
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

eDisposition.06 - Destination County

Definition: The destination county in which the patient was delivered or transferred to.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E20_06	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

May be auto-populated if list created in dFacility.11 (Facility County). Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes) Should be required if there is a patient associated with the event.
GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

eDisposition.07 - Destination ZIP Code

Definition: The destination ZIP code in which the patient was delivered or transferred to.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: E20_07	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

May be auto-populated if list created in dFacility.10 (Facility ZIP Code).

ZIP Codes Product Website:
https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/
Product: USA – 5-digit ZIP Code Database, Commercial Edition

eDisposition.12 - Incident/Patient Disposition

Definition: Type of disposition treatment and/or transport of the patient by this EMS Unit.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: No

Version 2 Element: E20_10

Is Nillable: No

Usage: Mandatory

Recurrence 1 : 1

Code List

Code	Description
4212001	Assist, Agency
4212003	Assist, Public
4212005	Assist, Unit
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)
4212015	Patient Dead at Scene- No Resuscitation Attempted (without Transport)
4212017	Patient Dead at Scene-Resuscitation Attempted (with Transport)
4212019	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 and (Without Transport)
4212027	Patient Treated, Released (AMA)
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
4212043	Transport Non-Patient, Organs, etc.

Data Element Comment

None.

eDisposition.16 - EMS Transport Method

Definition: Transport method by this EMS Unit.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
4216001	Air Medical-Fixed Wing
4216003	Air Medical-Rotor Craft
4216005	Ground-Ambulance
4216007	Ground-ATV or Rescue Vehicle
4216009	Ground-Bariatric
4216011	Ground-Other Not Listed
4216013	Ground-Mass Casualty Bus/Vehicle
4216015	Ground-Wheelchair Van
4216017	Water-Boat

Data Element Comment

Required if the patient is transported by EMS.

Added to better describe Air and Ground Transport methods.

eDisposition.17 - Transport Mode from Scene

Definition: Indication whether the transport was emergent or non-emergent.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E20_14

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
4217001	Emergent (Immediate Response)
4217003	Emergent Downgraded to Non-Emergent
4217005	Non-Emergent
4217007	Non-Emergent Upgraded to Emergent

Data Element Comment

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

eDisposition.18 - Additional Transport Mode Descriptors

Definition: The documentation of transport mode techniques for this EMS response.

National Element Yes	Pertinent Negatives (PN) No
State Element Yes	NOT Values Yes
Version 2 Element	Is Nillable Yes
Usage Required	Recurrence 1 : M

Code List

Code	Description
~~4218001~~	~~Intersection Navigation-Against Normal Light Patterns~~
~~4218003~~	~~Intersection Navigation-With Automated Light Changing Technology~~
~~4218005~~	~~Intersection Navigation-With Normal Light Patterns~~
~~4218007~~	~~Speed-Enhanced per Local Policy~~
~~4218009~~	~~Speed-Normal Traffic~~
4218011	Lights and Sirens
~~4218013~~	~~Lights and No Sirens~~
4218015	No Lights or Sirens
4218017	Initial No Lights or Sirens, Upgraded to Lights and Sirens
4218019	Initial Lights and Sirens, Downgraded to No Lights or Sirens

Data Element Comment

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

eDisposition.19 - Final Patient Acuity

Definition: The condition of the patient after care by EMS.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E20_15

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
4219001	Critical (Red)
4219003	Emergency (Yellow)
4219005	Lower Acuity (Green)
4219007	Dead without Resuscitation Efforts (Black)

Data Element Comment

None

eDisposition.20 - Reason for Choosing Destination

Definition: The reason the unit chose to deliver or transfer the patient to the destination.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E20_16

Is Nillable: Yes

Usage: Required

Recurrence 1 : M

Code List

Code	Description
4220001	Closest Facility
4220003	Diversion
4220005	Family Choice
4220007	Insurance Status/Requirement
4220009	Law Enforcement Choice
4220011	On-Line/On-Scene Medical Direction
4220013	Other (Not Listed)
4220015	Patient's Choice
4220017	Patient's Physician's Choice
4220019	Protocol
4220021	Regional Specialty Center

Data Element Comment

Required if Patient Transported.

eDisposition.21 - Type of Destination

Definition: The type of destination the patient was delivered or transferred to.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E20_17

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
~~4221001~~	~~Home~~
4221003	Hospital-Emergency Department
~~4221005~~	~~Hospital-Non-Emergency Department Bed~~
~~4221007~~	~~Medical Office/Clinic~~
~~4221009~~	~~Morgue/Mortuary~~
~~4221011~~	~~Nursing Home/Assisted Living Facility~~
~~4221013~~	~~Other (Not Listed)~~
4221015	Other EMS Responder (air)
4221017	Other EMS Responder (ground)
~~4221019~~	~~Police/Jail~~
~~4221021~~	~~Urgent Care~~
~~4221023~~	~~Freestanding Emergency Department~~

Data Element Comment

None

eDisposition.22 - Hospital In-Patient Destination

Definition: The location within the hospital that the patient was taken directly by EMS (e.g. Cath Lab, ICU, etc.).

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
4222001	Hospital-Burn
4222003	Hospital-Cath Lab
4222005	Hospital-CCU
4222007	Hospital-Endoscopy
4222009	Hospital-Hospice
4222011	Hospital-Hyperbaric Oxygen Treatment
4222013	Hospital-ICU
4222015	Hospital-Labor & Delivery
4222017	Hospital-Med/Surg
4222019	Hospital-Mental Health
4222021	Hospital-MICU
4222023	Hospital-NICU
4222025	Hospital-Nursery
4222027	Hospital-Peds (General)
4222029	Hospital-Peds ICU
4222031	Hospital-OR
4222033	Hospital-Orthopedic
4222035	Hospital-Other
4222037	Hospital-Out-Patient Bed
4222039	Hospital-Radiology Services - MRI
4222041	Hospital-Radiology Services - CT/PET
4222043	Hospital-Radiology Services - X-Ray
4222045	Hospital-Radiation
4222047	Hospital-Rehab
4222049	Hospital-SICU

Data Element Comment

To be documented when in eDisposition.21 "Hospital-In Patient Bed" is selected.
Added to identify the location within the hospital that the patient was directly taken to by EMS.

eDisposition.23 - Hospital Capability

Definition: The primary hospital capability associated with the patient's condition for this transport (e.g. Trauma, STEMI, Peds, etc.).

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
9908001	Behavioral Health
9908003	Burn Center
9908005	Critical Access Hospital
9908007	Hospital (General)
9908009	Neonatal Center
9908011	Pediatric Center
9908017	Stroke Center
9908019	Rehab Center
9908021	Trauma Center Level 1
9908023	Trauma Center Level 2
9908025	Trauma Center Level 3
9908027	Trauma Center Level 4
9908029	Trauma Center Level 5
9908031	Cardiac-STEMI/PCI Capable
9908033	Cardiac-STEMI/PCI Capable (24/7)
9908035	Cardiac-STEMI/Non-PCI Capable

Data Element Comment

To be documented when in eDisposition.21 (Type of Destination) equals "4221003: Hospital-Emergency Department" or "4221005: Hospital-In Patient Bed" is selected .
Added to aid in determining if patients are transported to the appropriate hospital based on provider impression, assessment, and treatment.

eDisposition.24 - Destination Team Pre-Arrival Alert or Activation

Definition: Indication that an alert (or activation) was called by EMS to the appropriate destination healthcare facility team. The alert (or activation) should occur prior to the EMS Unit arrival at the destination with the patient.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: N/A

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
4224001	No
4224003	Yes-Adult Trauma
4224005	Yes-Cardiac Arrest
4224007	Yes-Obstetrics
4224009	Yes-Other
4224011	Yes-Pediatric Trauma
4224013	Yes-STEMI
4224015	Yes-Stroke
4224017	Yes-Trauma (General)

Data Element Comment

Added to better document performance measure for acute time dependent illness and injury systems of care.

eDisposition.25 - Date/Time of Destination Pre-Arrival Alert or Activation

Definition: The Date/Time EMS alerted, notified, or activated the Destination Healthcare Facility prior to EMS arrival. The EMS assessment identified the patient as acutely ill or injured based on exam and possibly specified alert criteria.

National Element: Yes	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Required	Recurrence 1 : 1

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz).

Added to better document performance measure for acute time dependent illness and injury systems of care.

eOther.05 - Suspected EMS Work Related Exposure, Injury or Death

Definition: Indication of an EMS work related exposure, injury, or death associated with this EMS event.

National Element: Yes

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E23_05

Is Nillable: Yes

Usage: Required

Recurrence 1 : 1

Code List

Code	Description
9923001	No
9923003	Yes

Data Element Comment

Associated with eOther.04 (EMS Professional (Crew Member) ID).

eOther.06 - The Type of Work-Related Injury, Death or Suspected Exposure

Definition: The type of exposure or unprotected contact with blood or body fluids.

National Element: No

Pertinent Negatives (PN): No

State Element: Yes

NOT Values: Yes

Version 2 Element: E23_06

Is Nillable: Yes

Usage: Recommended

Recurrence 0 : M

Code List

Code	Description
4506001	Death-Cardiac Arrest
4506003	Death-Injury Related
4506005	Death-Other (Not Listed)
4506007	Exposure-Airborne Respiratory/Biological/Aerosolized Secretions
4506009	Exposure-Body Fluid Contact to Broken Skin
4506011	Exposure-Body Fluid Contact with Eye
4506013	Exposure-Body Fluid Contact with Intact Skin
4506015	Exposure-Body Fluid Contact with Mucosal Surface
4506017	Exposure-Needle Stick with Body Fluid Injection
4506019	Exposure-Needle Stick without Body Fluid Injection
4506021	Exposure-Toxin/Chemical/Hazmat
4506023	Injury-Lifting/Back/Musculoskeletal
4506025	Injury-Other (Not Listed)
4506027	None
4506029	Other

Data Element Comment

Associated with eOther.04 (EMS Professional (Crew Member) ID).

TraumaCritCE – Ohio Trauma Triage Criteria

Definition: Indicates which trauma triage criteria the trauma patient met.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: Ohio Specific	Is Nillable: Yes
Usage: Required	Recurrence 0 : M

Code	Description
trcr1001	Glasgow Coma Score less than or equal to 13
trct1002	Glasgow Coma Score less than or equal to 14 with TBI (Geriatrics only)
trcr1003	Loss of Consciousness for 5 minutes or more
trcr1004	Deteriorating Level of Consciousness
trcr1005	Fall from any height, including standing falls, with evidence of a TBI (Geriatrics only)
trcr1006	Failure to Localize to Pain / Glasgow Coma Score Motor component of 4 or less
trcr1007	Respiration less than 10 or greater than 29 (Adults only)
trcr1008	Evidence of respiratory distress or failure (Pediatrics only)
trcr1009	Evidence of poor perfusion (Pediatrics only)
trcr1010	Patient needs ventilatory support (Adults only)
trcr1011	Respiratory rate less than 20 in infants less than 1 year old
trcr1012	Relief of tension pneumothorax (Adults only)
trcr1013	Pulse rate greater than 120 with signs of hemorrhagic shock (Adults only)
trcr1014	Systolic B/P less than 90, or absent radial pulse with carotid pulse present (Adults only)
trcr1015	Systolic B/P less than 100, or absent radial pulse with carotid pulse present (Geriatrics only)
trcr1016	Penetrating trauma to head, neck, or torso
trcr1017	Significant penetrating trauma to the extremities proximal to knee or elbow with evidence of neurovascular compromise
trcr1018	Injuries to head, neck or torso with visible crush injury
trcr1019	Injuries to torso with abdominal tenderness, distention or "seatbelt sign"
trcr1020	Injuries to the torso with evidence of pelvic fracture, except isolated hip fracture
trcr1021	Injuries to the torso with flail chest
trcr1022	Amputation proximal to wrist and/or ankle
trcr1023	Injuries to the extremities with visible crush injury
trcr1024	Two or more proximal long bone (humerus or femur) fractures
trcr1025	Injuries to the extremities with evidence of neurovascular compromise
trcr1026	Injuries of two or more body regions (Geriatrics only)
trcr1027	Signs or symptoms of spinal cord injury
trcr1028	Open skull fracture
trcr1029	2nd or 3rd degree burns greater than 10% Total Body Surface Area or other significant burns involving the face, feet, hands, genitalia or airway
trcr1030	Pedestrian struck by a motor vehicle (Geriatrics only)
trcr1031	Mechanism of Injury
trcr1032	Fracture of humerus or femur as a result of a motor vehicle crash (Geriatrics only)
trcr1033	Special Considerations
trcr1034	Vehicle telemetry data consistent with high risk of injury
trcr1035	No triage criteria met

Data Element Comment

A pediatric trauma victim is a person under sixteen years of age. An adult trauma victim is a person between the ages of sixteen and sixty-nine year of age inclusive. A geriatric trauma victim is a person seventy years of age or older.

TraumaExcCE– Triage Exception

Definition: Indicates which exception was met not to transport the trauma patient to a trauma center.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Required	Recurrence 0 : 1

Code	Description
trex1001	Medically necessary for initial assessment and stabilization
trex1002	Adverse weather or ground conditions or excessive transport time
trex1003	Transporting would cause a shortage of local emergency medical service resources
trex1004	Diverted - No appropriate adult or pediatric trauma center is able to receive and provide adult or pediatric trauma care to the trauma victim without undue delay
trex1005	Patient requests before transport begins or, if the patient is less than eighteen years of age or is not able to communicate, such a request is made by an adult member of the patient's family or a legal representative of the patient.
trex1006	Patient was transported to a Trauma Center.

Data Element Comment

MutAidQualCE - Mutual Aid Qualifier

Definition: Indicates which qualifier was needed for mutual aid.

National Element: No	Pertinent Negatives (PN): No
State Element: Yes	NOT Values: Yes
Version 2 Element: N/A	Is Nillable: Yes
Usage: Required	Recurrence 0 : 1

Code	Description
maq1001	Higher level of care needed
maq1002	Mass Casualty Incident
maq1003	No Unit Available

Data Element Comment

Associated with eResponse.05 (Type of Service Requested). This element is only to be completed by the agency providing mutual aid.

APPENDIX

Appendix A – Hospital Codes

Code	Name	City	County	State
1000	St. Joseph Health Center	Warren	Trumbull	Ohio
1001	UHHS - Geauga Regional Hospital	Chardon	Geauga	Ohio
1003	Jewish Hospital Kenwood	Cincinnati	Hamilton	Ohio
1004	Trinity Medical Center - West	Steubenville	Jefferson	Ohio
1005	Riverside Methodist Hospital	Columbus	Franklin	Ohio
1006	West Medical Center	Willoughby	Lake	Ohio
1007	UH Parma Medical Center	Parma	Cuyahoga	Ohio
1008	Richmond Heights Hospital	Richmond Heights	Cuyahoga	Ohio
1011	Madison County Hospital	London	Madison	Ohio
1015	Doctor's Hospital West - Columbus	Columbus	Franklin	Ohio
1017	Kettering Memorial Medical Center	Kettering	Montgomery	Ohio
1018	Mercy Regional Medical Center	Lorain	Lorain	Ohio
1019	Hillcrest Hospital	Mayfield Heights	Cuyahoga	Ohio
1021	Holzer Medical Center	Gallipolis	Gallia	Ohio
1022	Harrison Community Hospital	Cadiz	Harrison	Ohio
1024	Bethesda North - Cincinnati	Montgomery	Hamilton	Ohio
1027	Mount Carmel East Hospital	Columbus	Franklin	Ohio
1028	Mercy Hospital Clermont	Batavia	Clermont	Ohio
1029	Adena Regional Medical Center	Chillicothe	Ross	Ohio
1030	Knox Community Hospital	Mt. Vernon	Knox	Ohio
1031	Sycamore Hospital	Miamisburg	Montgomery	Ohio
1033	Mercy Hospital - Fairfield	Fairfield	Butler	Ohio
1034	St. John Medical Center	Westlake	Cuyahoga	Ohio
1035	Southview Hospital & Family Health Center	Centerville	Montgomery	Ohio
1036	Upper Valley Medical Center	Troy	Miami	Ohio
1100	Adams County Regional Medical Center	Seaman	Adams	Ohio
1101	Bluffton Hospital	Bluffton	Allen	Ohio
1102	Lima Memorial Hospital	Lima	Allen	Ohio
1103	St. Rita's Medical Center	Lima	Allen	Ohio
1104	Samaritan Regional Health System	Ashland	Ashland	Ohio
1106	Ashtabula County Medical Center	Ashtabula	Ashtabula	Ohio
1107	UH Conneaut (Brown Memorial Hospital)	Conneaut	Ashtabula	Ohio
1108	Memorial Hospital - Geneva	Geneva	Ashtabula	Ohio
1109	O'Bleness Memorial Hospital	Athens	Athens	Ohio
1110	Doctors Hospital - Nelsonville	Nelsonville	Athens	Ohio
1111	Joint Township District Memorial Hospital	St. Marys	Auglaize	Ohio
1112	Barnesville Hospital Association	Barnesville	Clermont	Ohio
1113	Belmont Community Hospital	Bellaire	Belmont	Ohio
1114	East Ohio Regional Hospital	Martins Ferry	Belmont	Ohio
1116	Atrium Medical Center	Franklin	Warren	Ohio
1117	Fort Hamilton-Hughes Memorial Hospital	Hamilton	Butler	Ohio
1119	Mc Cullough-Hyde Memorial Hospital	Oxford	Butler	Ohio
1121	Mercy Memorial Hospital	Urbana	Champaign	Ohio
1122	Springfield Regional Medical Center	Springfield	Clark	Ohio
1124	Clinton Memorial Hospital	Wilmington	Clinton	Ohio
1125	Salem Community Hospital	Salem	Columbiana	Ohio
1127	East Liverpool City Hospital	East Liverpool	Columbiana	Ohio
1129	Coshocton County Memorial Hospital	Coshocton	Coshocton	Ohio
1130	Bucyrus Community Hospital	Bucyrus	Crawford	Ohio
1132	Galion Community Hospital	Galion	Crawford	Ohio
1133	Euclid Hospital	Euclid	Cuyahoga	Ohio
1134	Lakewood Hospital	Lakewood	Cuyahoga	Ohio

1136	Marymount Hospital	Garfield Heights	Cuyahoga	Ohio
1140	Southwest General Health Center	Middleburg Heights	Cuyahoga	Ohio
1141	UHHS - Bedford Medical Center	Bedford	Cuyahoga	Ohio
1142	UH - University Hospital & Rainbow Babies/Childrens Hospital	Cleveland	Cuyahoga	Ohio
1145	Fairview Hospital	Cleveland	Cuyahoga	Ohio
1149	Lutheran Hospital	Cleveland	Cuyahoga	Ohio
1150	MetroHealth Medical Center	Cleveland	Cuyahoga	Ohio
1151	Cleveland Clinic Foundation	Cleveland	Cuyahoga	Ohio
1155	St. Vincent Charity	Cleveland	Cuyahoga	Ohio
1156	UH Case Medical Center	Cleveland	Cuyahoga	Ohio
1159	Wayne Hospital	Greenville	Darke	Ohio
1160	Defiance Regional Medical Center	Defiance	Defiance	Ohio
1161	Community Memorial Hospital	Hicksville	Defiance	Ohio
1163	Grady Memorial Hospital	Delaware	Delaware	Ohio
1164	Firelands Regional Medical Center	Sandusky	Erie	Ohio
1167	Fairfield Medical Center	Lancaster	Fairfield	Ohio
1168	Fayette County Memorial Hospital	Washington Court House	Fayette	Ohio
1169	Nationwide Children's Hospital	Columbus	Franklin	Ohio
1170	OSU East	Columbus	Franklin	Ohio
1171	Ohio State University Medical Center	Columbus	Franklin	Ohio
1173	Grant Medical Center	Columbus	Franklin	Ohio
1175	Mount Carmel West Hospital	Columbus	Franklin	Ohio
1177	Fulton County Health Center	Wauseon	Fulton	Ohio
1178	Bay Park Community Hospital	Oregon	Lucas	Ohio
1180	Wright Patterson Medical Center - 74th Medical Division	Wright-Patterson AFB	Montgomery	Ohio
1181	Southeastern Ohio Regional Medical Center	Cambridge	Guernsey	Ohio
1183	Mercy Franciscan Hospital - Western Hills	Cincinnati	Hamilton	Ohio
1186	Cincinnati Children's Hospital Medical Center	Cincinnati	Hamilton	Ohio
1187	The Christ Hospital	Cincinnati	Hamilton	Ohio
1189	University of Cincinnati Medical Center	Cincinnati	Hamilton	Ohio
1190	Deaconess Hospital - Cincinnati	Cincinnati	Hamilton	Ohio
1191	Tri-Health Good Samaritan Hospital - Cincinnati	Cincinnati	Hamilton	Ohio
1193	Mercy Hospital - Anderson	Cincinnati	Hamilton	Ohio
1194	Blanchard Valley Hospital	Findlay	Hancock	Ohio
1195	Fostoria Community Hospital	Fostoria	Seneca	Ohio
1196	Hardin Memorial Hospital	Kenton	Montgomery	Ohio
1198	Henry County Hospital	Napoleon	Henry	Ohio
1199	Highland District Hospital	Hillsboro	Highland	Ohio
1200	Greenfield Area Medical Center	Greenfield	Highland	Ohio
1201	Hocking Valley Community Hospital	Logan	Hocking	Ohio
1202	Pomerene Hospital	Millersburg	Holmes	Ohio
1204	Fisher-Titus Medical Center	Norwalk	Huron	Ohio
1205	Mercy Hospital - Willard	Willard	Huron	Ohio
1208	Trinity Medical Center - East	Steubenville	Jefferson	Ohio
1211	TriPoint Medical Center	Concord	Lake	Ohio
1213	Licking Memorial Hospital	Newark	Licking	Ohio
1214	Mary Rutan Hospital	Bellefontaine	Logan	Ohio
1215	EMH Amherst Campus	Amherst	Lorain	Ohio
1217	UH Elyria Medical Center	Elyria	Lorain	Ohio
1218	Community Health Partners	Lorain	Lorain	Ohio
1219	Mercy Allen Hospital	Oberlin	Lorain	Ohio
1223	Mercy St. Charles Hospital	Oregon	Lucas	Ohio
1224	St. Luke's Hospital - Toledo	Maumee	Lucas	Ohio

1225	Mercy St. Vincent Medical Center	Toledo	Lucas	Ohio
1226	The Toledo Hospital	Toledo	Lucas	Ohio
1227	Flower Hospital	Sylvania	Lucas	Ohio
1228	University of Toledo Medical Center	Toledo	Lucas	Ohio
1230	St. Elizabeth's Health Center	Youngstown	Mahoning	Ohio
1231	Northside Medical Center	Youngstown	Mahoning	Ohio
1233	Marion General Hospital	Marion	Marion	Ohio
1234	Lodi Community Hospital	Lodi	Medina	Ohio
1235	Wadsworth-Rittman Hospital	Wadsworth	Medina	Ohio
1236	Medina Hospital	Medina	Medina	Ohio
1240	Mercer Health	Coldwater	Mercer	Ohio
1242	Upper Valley Medical Center	Troy	Miami	Ohio
1245	Good Samaritan Hospital - Dayton	Dayton	Montgomery	Ohio
1246	Grandview Hospital	Dayton	Montgomery	Ohio
1247	Miami Valley Hospital	Dayton	Montgomery	Ohio
1249	Morrow County Hospital	Mt. Gilead	Morrow	Ohio
1250	Bethesda Hospital - Zanesville	Zanesville	Muskingum	Ohio
1251	Genesis Good Samaritan Hospital - Zanesville	Zanesville	Muskingum	Ohio
1252	H.B. Magruder Memorial Hospital	Port Clinton	Ottawa	Ohio
1253	Paulding County Hospital	Paulding	Paulding	Ohio
1254	Berger Hospital	Circleville	Pickaway	Ohio
1255	UH Portage Medical Center	Ravenna	Portage	Ohio
1257	MedCentral - Mansfield	Mansfield	Richland	Ohio
1259	MedCentral - Shelby	Shelby	Richland	Ohio
1261	The Bellevue Hospital	Bellevue	Huron	Ohio
1263	ProMedica Memorial Hospital - Fremont	Fremont	Sandusky	Ohio
1264	Southern Ohio Medical Center	Portsmouth	Scioto	Ohio
1267	Mercy Hospital - Tiffin	Tiffin	Seneca	Ohio
1268	Wilson Hospital	Sidney	Shelby	Ohio
1269	Alliance Community Hospital	Alliance	Stark	Ohio
1270	Aultman Hospital	Canton	Stark	Ohio
1271	Mercy Medical Center - Canton	Canton	Stark	Ohio
1272	Affinity Medical Center| Massillon Campus	Massillon	Stark	Ohio
1275	Akron City Hospital	Akron	Summit	Ohio
1276	Akron General Medical Center	Akron	Summit	Ohio
1277	Akron Children's Hospital Medical Center	Akron	Summit	Ohio
1278	St. Thomas Hospital	Akron	Summit	Ohio
1279	Barberton Citizen's Hospital	Barberton	Summit	Ohio
1280	Summa Western Reserve Hospital	Cuyahoga Falls	Summit	Ohio
1281	Dublin Methodist Hospital	Dublin	Franklin	Ohio
1282	West Chester Hospital	West Chester	Butler	Ohio
1283	Trumbull Memorial Hospital	Warren	Trumbull	Ohio
1284	Trinity Hospital Twin City	Dennison	Tuscarawas	Ohio
1285	Union Hospital	Dover	Tuscarawas	Ohio
1286	Memorial Hospital - Union County	Marysville	Union	Ohio
1287	Van Wert County Hospital	Van Wert	Van Wert	Ohio
1288	Selby General Hospital	Marietta	Washington	Ohio
1289	Marietta Memorial Hospital	Marietta	Washington	Ohio
1290	Akron Children's Hospital At Mahoning Valley	Boardman	Mahoning	Ohio
1291	Aultman Orrville Hospital	Orrville	Wayne	Ohio
1292	Wooster Community Hospital	Wooster	Wayne	Ohio
1293	Community Hospitals and Wellness Centers - Bryan	Bryan	Williams	Ohio
1294	Community Hospitals and Wellness Centers - Montpelier	Montpelier	Williams	Ohio
1295	Wood County Hospital	Bowling Green	Wood	Ohio

1296	Wyandot Memorial Hospital	Upper Sandusky	Wyandot	Ohio
1297	South Pointe Hospital	Warrensville Heights	Cuyahoga	Ohio
1299	Adena Pike Medical Center	Waverly	Pike	Ohio
1318	St. Francis Health Center	Green Springs	Sandusky	Ohio
1320	Edwin Shaw Rehab Center	Cuyahoga Falls	Summit	Ohio
1321	Hillside Rehabilitation Hospital	Warren	Trumbull	Ohio
1409	Drake Center Inc.	Cincinnati	Hamilton	Ohio
1411	Dayton Children's Hospital	Dayton	Montgomery	Ohio
1416	Cleveland Clinic Children's Hospital for Rehabilitation	Cleveland	Cuyahoga	Ohio
1420	Rehab Hospital at Heather Hill	Chardon	Geauga	Ohio
1438	Holzer Jackson Medical Center	Jackson	Jackson	Ohio
1444	Mercy St. Anne Hospital	Toledo	Lucas	Ohio
1451	New Albany Surgical Hospital	New Albany	Franklin	Ohio
1462	Mercy Defiance Hospital	Defiance	Defiance	Ohio
1471	St. Elizabeth Boardman Health Center	Boardman	Mahoning	Ohio
1484	Crystal Clinic Orthopaedic Center	Akron	Summit	Ohio
1490	UH Ahuja Medical Center	Beachwood	Cuyahoga	Ohio
1492	Mercy Health - West Hospital	Cincinnati	Hamilton	Ohio
1503	Summa Rehab Hospital	Akron	Summit	Ohio
1606	Mt. Carmel St. Ann's Hospital	Westerville	Franklin	Ohio
1701	VA Medical Center - Cleveland	Cleveland	Cuyahoga	Ohio
1704	VA Medical Center - Cincinnati	Cincinnati	Hamilton	Ohio
1705	VA Medical Center - Dayton	Dayton	Montgomery	Ohio
1706	VA Medical Center - Chillicothe	Chillicothe	Ross	Ohio
1808	Shriner's Burns Institute	Cincinnati	Hamilton	Ohio
1817	Greene Memorial Hospital	Xenia	Greene	Ohio
1818	Miami Valley Hospital South	Centerville	Montgomery	Ohio
1821	Diley Ridge	Canal Winchester	Franklin	Ohio
1830	Soin Medical Center	Beavercreek	Greene	Ohio
1832	King's Daughters Medical Center Ohio	Portsmouth	Scioto	Ohio
1840	Mentis Neuro Rehabilitation	Stow	Summit	Ohio
1841	Dayton Rehabilitation Institute	Dayton	Montgomery	Ohio
1842	Regency Hospital - Cincinnati	Cincinnati	Hamilton	Ohio
1843	Ohio Valley Surgical Hospital	Springfield	Clark	Ohio
1844	OhioHealth Rehabilitation Hospital	Columbus	Franklin	Ohio
1845	HealthSouth Rehabilitation Hospital at Drake	Cincinnati	Hamilton	Ohio
1846	UH Rehabilitation Hospital	Beachwood	Cuyahoga	Ohio
1847	Madison Health Care	Madison	Lake	Ohio
1848	Select Specialty	Zanesville	Muskingum	Ohio
3001	Kaiser Permanente Cleveland Heights Med. Ctr.	Cleveland Heights	Cuyahoga	Ohio
3002	Bethesda Arrow Springs	Lebanon	Warren	Ohio
3003	Mercy Franciscan Medicenter - Harrison	Harrison	Hamilton	Ohio
3004	Children's Medical Center Liberty Campus	Liberty Twp.	Butler	Ohio
3005	Mercy Medical Center - Mt. Orab	Mt. Orab	Brown	Ohio
3006	Brunswick Medical Center	Brunswick	Medina	Ohio
3007	Kaiser Permanente Parma Medical Center	Parma	Cuyahoga	Ohio
3008	Good Samaritan Medical Center - Western Ridge	Cincinnati	Hamilton	Ohio
3009	Medical Center of Newark	Newark	Licking	Ohio
3010	Akron General Health & Wellness Center - West	Akron	Summit	Ohio
3011	Madison Medical Campus	Madison	Lake	Ohio
3012	Akron General Health & Wellness Center - North	Stow	Summit	Ohio
3013	UC Health Psychiatric at Deaconess	Cincinnati	Hamilton	Ohio
3014	Marymount South	Broadview Heights	Cuyahoga	Ohio
3015	Sagamore Hills Medical Center	Sagamore Hills	Summit	Ohio

3016	Summa ED at Heritage Crossings in Green	Uniontown	Stark	Ohio
3017	Reid Hospital	Eaton	Preble	Ohio
3018	EMH Avon Health Campus	Avon	Lorain	Ohio
3019	Richard E. Jacobs Health Center	Avon	Lorain	Ohio
3020	St. Mary's Medical Campus - Ironton	Ironton	Lawrence	Ohio
3021	Huber Emergency Department	Huber Heights	Montgomery	Ohio
3022	Summa Lake Medina	Medina	Medina	Ohio
3023	Twinsburg Family Health & Surgery Center	Twinsburg	Summit	Ohio
3024	Bethesda Butler County	Hamilton	Butler	Ohio
3025	Westerville Emergency Care Center	Westerville	Franklin	Ohio
3026	Akron General Health & Wellness Center - Green	Uniontown	Stark	Ohio
3027	St. Elizabeth Emergency and Diagnostic Center	Austintown	Mahoning	Ohio
3028	Putnam County Ambulatory Care Center	Glandorf	Putnam	Ohio
3029	Mercy Health - Rookwood	Norwood	Hamilton	Ohio
3030	Miami Valley - Jamestown Emergency Center	Jamestown	Greene	Ohio
3031	Mercy Health - Western Hills	Cincinnati	Hamilton	Ohio
3032	Brunswick Family Health Center - CCF	Brunswick	Medina	Ohio
3033	Marietta Memorial - Belpre Campus	Belpre	Washington	Ohio
3034	Royal Oak Nursing and Rehab Center	Middleburg Heights	Cuyahoga	Ohio
3035	Preble County Kettering Emergency Center	Eaton	Preble	Ohio
3036	Springboro/Franklin Kettering Emergency Center	Franklin	Warren	Ohio
3037	UH Twinsburg Health Center	Twinsburg	Summit	Ohio
3038	OhioHealth Pickerington Emergency Care Center	Pickerington	Fairfield	Ohio
3039	Mercy Health - Sylvania Medical Center	Toledo	Lucas	Ohio
3040	Good Samaritan North Health Ctr ER	Englewood	Montgomery	Ohio
3500	Children's at Robinson	Ravenna	Portage	Ohio
3501	Akron Children's West - Montrose	Akron	Summit	Ohio
3503	Mercy Emergency Services - Perrysburg	Perrysburg	Wood	Ohio
3504	Mount Carmel Grove City	Grove City	Franklin	Ohio
3505	Atrium Health Center - Mason	Mason	Warren	Ohio
3507	Holzer-Meigs Emergency Department	Pomeroy	Meigs	Ohio
4000	Other West Virginia Hospital			WV
4001	Weirton Medical Center			WV
4002	Ohio Valley Medical Center			WV
4003	Peterson Hospital			WV
4004	Wheeling Hospital			WV
4005	Reynolds Memorial Hospital			WV
4006	Wetzel County Hospital			WV
4007	Sistersville General Hospital			WV
4008	Pleasant Valley Hospital			WV
4009	Huntington VA Medical Center			WV
4010	Fairmont General Hospital			WV
4011	Roane General Hospital			WV
4012	Putnam General Hospital			WV
4013	CAMC General Hospital			WV
4014	Cabell Huntington Hospital			WV
4015	Mildred Mitchell-Bateman Hospital			WV
4016	River Park Hospital			WV
4017	St. Mary's Hospital			WV
4018	Camden-Clark Memorial			WV
4020	Ruby Memorial Hospital			WV
5000	Other Michigan Hospital			MI
5001	Community Hospital			MI
5002	Lakeland Hospital			MI

5003	Community Health Center of Branch			MI
5004	Battle Creek Health System			MI
5005	Fieldstone Center of Battle Creek			MI
5006	Lee Memorial			MI
5007	Hillsdale Community Health Center			MI
5008	Doctors Hospital of Jackson			MI
5009	W.A. Foote Memorial Hospital			MI
5010	Borgess Medical Center			MI
5011	Bronson Methodist Hospital			MI
5012	Bronson Vicksburg Hospital			MI
5013	Emma L. Bixby Medical Center			MI
5014	Herrick Memorial Hospital			MI
5015	Mercy Memorial Hospital			MI
5016	Sturgis Memorial			MI
5017	Three Rivers Area Hospital			MI
5018	Lakeview Community Hospital			MI
5019	South Haven Community Hospital			MI
5020	Chelsea Community Hospital			MI
5021	Forest Health Medical Center			MI
5022	Saline Community Hospital			MI
5023	St. Joseph Mercy Hospital			MI
5024	University of Michigan Health Center			MI
6000	Other Indiana Hospital			IN
6001	Cameron Memorial Community Hospital			IN
6002	Dekalb Memorial Hospital			IN
6003	Dupont Hospital			IN
6004	Lutheran Hospital of Indiana			IN
6005	Parkview Hospital			IN
6006	St. Joseph Hospital			IN
6007	Adams County Memorial Hospital			IN
6008	Jay County Hospital			IN
6009	St. Vincent Randolph Hospital			IN
6010	Reid Hospital and Health Care Services			IN
6011	Dearborn County Hospital			IN
6012	Lagrange Community Hospital			IN
6013	Parkview Noble Hospital			IN
6014	Whitley Memorial Hospital			IN
6015	Bluffton Regional Medical Center			IN
6016	Blackford County Hospital			IN
6017	Ball Memorial Hospital			IN
6018	Henry County Memorial Hospital			IN
6019	Fayette Memorial Hospital			IN
6020	Margaret Mary Community Hospital			IN
6021	VA Northern Indiana Health Care System - Ft. Wayne			IN
7000	Other Kentucky Hospital			KY
7001	St. Elizabeth Medical Center - North			KY
7002	St. Elizabeth Medical Center - South			KY
7003	St. Luke Hospital - East			KY
7004	Fleming County Hospital			KY
7005	Meadowview Regional Medical Center			KY
7006	St. Claire Medical Center			KY
7007	King's Daughters' Medical Center			KY
7008	Our Lady of Bellefonte Hospital			KY
7009	Harrison Memorial Hospital			KY

7010	St. Elizabeth Medical Center - Grant			KY
7011	St. Luke Hospital - West			KY
7012	St. Joseph Hospital Main			KY
8000	Other Pennsylvania Hospital			PA
8001	Allegheny General Hospital			PA
8002	Allegheny Valley Hospital			PA
8003	AUMC Canonsburg			PA
8004	Children's Hospital of Pittsburgh			PA
8005	Corry Memorial Hospital			PA
8006	Forbes Regional Hospital			PA
8007	Greene County Memorial Hospital			PA
8008	Hamot Medical Center			PA
8009	Lifecare Hospitals of Pittsburgh			PA
8010	Meadville Medical Center			PA
8011	Medical Center Beaver PA			PA
8012	Mercy Hospital of Pittsburgh			PA
8013	Mercy Providence Hospital			PA
8014	Metro Health Center			PA
8015	Millcreek Community Hospital			PA
8016	Monongahela Valley Hospital			PA
8017	Ohio Valley General Hospital			PA
8018	St. Vincent Health Center			PA

Change Log

V 3.1.2 Release Date: July 28, 2016

- Added Acknowledgment
- Removed 3 nursing home codes inadvertently included in hospital code list (2990, 2991, 2992)
- Numerous, non-substantive typographical corrections
- Changed file name to EMSIRS Technical Data Dictionary – Version 3.1.2

V 3.1.1 Release Date: March 8, 2016

- Removed Lap Belt With Shoulder Belt
- Removed Lap Belt Without Shoulder Belt
- Changed file name to EMSIRS Technical Data Dictionary – Version 3.1.1

V 3.1.0 Release Date: November 4, 2015

- Updated all Data Element Numbers to mirror NEMSIS numbering convention
- Updated Ohio Custom Element Numbers to mirror NEMSIS numbering convention
- Replaced all items that are on the NEMSIS value lists that were previously deleted
- Struck through all items that are on the NEMSIS value lists that will not be collected in Ohio
- Added Agency Contact Type field
- Added Agency Contact Last Name field
- Added Agency Contact First Name field
- Added Agency Contact Address field
- Added Agency Contact City field
- Added Agency Contact State field
- Added Agency Contact Zip Code field
- Added Agency Contact Phone Number field
- Added Agency Contact Email Address field
- Added Agency Contact Web Address field
- Added Agency Contact Medical Director Degree field
- Added Agency Contact Medical Director Board Certification Type field
- Added State Associated with Certification/Licensure Levels
- Added State Certification/Licensure Levels
- Added Procedures Permitted by the State
- Added Medications Permitted by the State
- Added EMS Certifications Levels Permitted to Perform Each Procedure
- Added EMS Certifications Levels Permitted to Administer Each Medication
- Added EMS Agency Procedures
- Added EMS Agency Medications
- Added EMS Response Number
- Added Additional Response Mode Descriptors
- Added Destination Patient Transfer of Care Date/Time
- Added First EMS Unit on Scene
- Removed Therapeutic Hypothermia Initiated
- Added Additional Transport Mode Descriptors

- Added ‘Glasgow Coma Score less than or equal to 14 with TBI’ to Trauma Triage Criteria
- Added ‘Fall from any height, including standing falls, with evidence of a TBI” to Trauma Triage Criteria
- Added ‘Systolic B/P less than 100, or absent radial pulse with carotid pulse present’ to Trauma Triage Criteria
- Added ’ Injuries of two or more body regions’ to Trauma Triage Criteria
- Added ‘Pedestrian struck by a motor vehicle’ to Trauma Triage Criteria
- Added ‘Fracture of humerus or femur as a result of a motor vehicle crash’ to Trauma Triage Criteria
- Changed Usage in Trauma Triage Criteria to Required
- Changed Usage in Trauma Triage Exceptions to Required
- Changed Usage in Mutual Aid Qualifier to Required
- Typos corrected
- Changed file name to EMSIRS Technical Data Dictionary – Version 3.1.0