

National
Emergency
Medical
Services
Information
System



Draft

NEMESIS

NHTSA Version 3.0

EMS Data Standard

Draft Version Date: June 1, 2009

Funded by
National Highway Traffic Safety Administration (NHTSA)
Office of Emergency Medical Services

www.NEMESIS.org

NEMSIS NHTSA Version 3 Initial Draft Dataset Overview

Documents located at www.NEMSIS.org

The purpose of this overview is to describe the organization and content of the NEMSIS NHTSA Version 3 Uniform PreHospital Dataset. This is the first of 3 draft documents leading to a final Version 3 dataset in early 2010. During this same time period the NEMSIS dataset will also evolve into an HL7 based standard with a goal of formal HL7 balloting and approval in 2011.

This initial draft has been compiled using the NEMSIS Version 2.2.1 dataset as the foundation. Many EMS related documents and standards were evaluated along with over 1000 user comments collected through the NEMSIS website and other dialogue. Standards and documents reviewed and included in this initial draft include:

- Initial HL7 mapping based on the NEMSIS Version 2.2.1 dataset
- Centers of Disease Control and Prevention (CDC) Trauma Triage Guideline
- National Association of EMS Physician's Airway Management Dataset
- American Heart Association Suggested STEMI Dataset
- American Heart Association Suggested Stroke Dataset
- American Heart Association Suggested Cardiac Arrest Dataset
- Automated Collision Notification based on OASIS Vehicular Emergency Dataset (VEDS)
- NHTSA Minimum Uniform Crash Criteria Dataset (MUCC)
- NHTSA EMS Workforce Project Draft Dataset
- National Association of State EMS Officials EMS Performance Measures
- Eagles EMS Performance Measures Document
- EMSPIC EMS Performance Improvement Toolkit Performance Measures
- NHTSA EMS Education Standards Document
- NHTSA EMS Cost Analysis Document
- NHTSA EMS Workforce Health and Safety Document
- North Carolina Office of EMS Performance Improvement Standards for EMS Systems
- North Carolina State Medical Asset Resource Tracking Tool (SMARTT) EMS Dataset

The goal of this initial draft release is to allow all NEMSIS users, EMS experts, and interested parties to review the dataset and provide comments and/or suggestions through the NEMSIS website at www.NEMSIS.org. To simplify this review process, only limited information is being initially released on each individual data element. The initial Version 3 draft contains the following information:

- * Data Element Code and Name
- * Data Element Description
- * Version 3 Transition Status (indicates the recommended change associated with Version 3)
 - Unchanged
 - Changed
 - New
 - Retired
 - Moved
- * HL7 Impact (indicates the data element will require change associated with the move to HL7)
 - Changed
 - Unchanged
- * Standard Harmonization (Standards impacting the individual data element)
- * Comments

From a numbers perspective, this initial Version 3 draft can be summarized as follows:

NEMSIS NHTSA Uniform PreHospital Dataset	Version 2.2.1	Version 3 Initial Draft
Demographic Data Elements	110	118
Unchanged		57
Changed		37
New		24
Retired		16
Moved		0
EMS Data Elements	318	350
Unchanged		143
Changed		153
New		54
Retired		19
Moved		3
Overall Total	428	468

The NEMSIS Technical Assistance Center is interested in all comments. Specifically review of this initial draft should focus on the following:

- * Missing EMS information that NEMSIS should collect
- * Existing NEMSIS Information that is not completely collected and requires additional data elements to collect
- * Comments on additional data standards or position papers with EMS data requirements
- * Comments to improve the Billing documentation
- * Comments to improve both Adult and Pediatric Critical Care documentation
- * Comments to improve 911 Dispatch Center (CAD) Data for automated exchange with NEMSIS data systems
- * Comments to improve medical device data exchange with NEMSIS data systems
- * Comments on how to improve the NEMSIS dataset implementation

Following this comment period, an updated second draft Version 3 dataset will be released providing all dataset details (including data element variables) in September 2009.

Deadline for comments: July 31, 2009
Go to www.NEMSIS.org to submit comments

Questions on this process or the draft NEMSIS Version 3 dataset can be addressed to:
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D01_01 EMS Agency Number

Definition

The state-assigned provider number of the responding agency

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D01_02 EMS Agency Name

Definition

The formal name of the agency

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D01_03 EMS Agency State

Definition

The state in which the Agency provides services

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

FIPS is no longer supported. All location codes now reside in ANSI and GNIS

D01_04 EMS Agency County

Definition

The county(s) for which the agency formally provides service

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

FIPS is no longer supported. All location codes now reside in ANSI and GNIS

D01_05 Primary Type of Service

Definition

The primary service type provided by the agency

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D01_06 Other Types of Service

Definition

The other service type(s) which are provided by the agency

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**D01_07 Level of Service****Definition**

The highest credentialed Professional's level of service which the agency provides for every EMS encounter if requested. In a tiered response system, this is the highest level of service which could be sent to any specific call.

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

New EMS Education Standards

Comments

Additions will add the 4 levels associated with the new EMS Education Standards (EMR, EMT, AEMT, and Paramedic)

D01_08 Organizational Type**Definition**

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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D01_09 Organization Status

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

EMS Workforce Study

Comments

D01_10 Statistical Year

Definition

The year to which the information pertains

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D01_11 Other Agencies In Area

Definition

The Name of all other EMS or First Responder Agencies, which are in the service area or are available for mutual aid

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Definition Clarified to include "The Name..."

D01_12 Total Service Size Area

Definition

The total square miles in the agency's service area

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D01_13 Total Service Area Population

Definition

The total population in the agency's service area based on census data estimates for the statistical year. This number does not include population changes associated with daily work flow or seasonal movements

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Definition Clarified to include most census estimates for the documented D01_10 Statistical Year

D01_14 911 Call Volume per Year

Definition

The number of 911 EMS calls for the statistical year

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Definition Clarified to Statistical Year

D01_15 EMS Dispatch Volume per Year

Definition

The number of EMS dispatches for the statistical year

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Definition Clarified to Statistical Year

D01_16 EMS Transport Volume per Year

Definition

The number of EMS transports for the statistical year

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Definition Clarified to Statistical Year

D01_17 EMS Patient Contact Volume per Year

Definition

The number of EMS patient contacts for that statistical year

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Definition Clarified to Statistical Year

D01_18 EMS Billable Calls per Year

Definition

The number of EMS patient encounters which are billable for the statistical year

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Definition Clarified to Statistical Year

D01_19 EMS Agency Time Zone

Definition

The time zone for the EMS Agency

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D01_20 EMS Agency Daylight Savings Time Use

Definition

Indicate if the EMS Agency conforms to Daylight Savings Time

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D01_21 National Provider Identifier

Definition

The National Provider Identifier associated with National Provider System (NPS) and used in all standard HIPAA transactions such as electronic claim filing.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

NPS National Provide Identifier

Comments

D01_N01 EMS Agency Census Tracts

Definition

The census tracts in which the EMS agency formally provides service

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Added to better provide demographic census information on the EMS Agency and service area.

D02_01 Agency Contact Last Name

Definition

The Last Name of the agency's contact.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Definition clarified to remove "Primary" so it can be used for other contact types.

D02_02 Agency Contact Middle Name/Initial

Definition

The Middle Name or initial of the agency's primary contact.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Definition clarified to remove "Primary" so it can be used for other contact types.

D02_03 Agency Contact First Name

Definition

The First Name of the agency's primary contact.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Definition clarified to remove "Primary" so it can be used for other contact types.

D02_04 Agency Contact Address

Definition

The Agency contact's location or physical address.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D02_05 Agency Contact City

Definition

The city of the Agency contact's mailing address.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

D02_06 Agency Contact State

Definition

The state of the Agency contact's mailing address.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

D02_07 Agency Contact Zip Code

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

D02_08 Agency Contact Telephone Number

Definition

The primary phone number of the Agency contact.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D02_09 Agency Contact Fax Number

Definition

The primary fax number of the Agency contact.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D02_10 Agency Contact Email Address

Definition

The primary email address of the Agency contact.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D02_11 Agency Contact Web Address

Definition

The primary website address (URL) of the agency.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Will need to be placed with Agency physical address information

D02_N01 Agency Contact Type

Definition

The Contact Type for the EMS Agency

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

EMS Workforce Study

Comments

This will include a list of contact types including EMS Director, Medical Director, Training Officer, etc. (The physical address of the EMS Director is considered the physical address of the EMS Agency)

D02_N02 Agency Contact Country

Definition

The country of the Agency contact's location or physical address

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Country is being inserted into all address information

D03_01 Agency Medical Director Last Name

Definition

The Last Name of the Agency's Medical Director

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

Merged with Agency Contact

Comments

D03_02 Agency Medical Director Middle Name/Initial

Definition

The Middle Name or Initial of the Agency's Medical Director

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

Merged with Agency Contact

Comments

D03_03 Agency Medical Director First Name

Definition

The First Name of the Agency's Medical Director

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

Merged with Agency Contact

Comments**D03_04 Agency Medical Director Address****Definition**

The street or mailing address of the Agency's medical director

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

Merged with Agency Contact

Comments**D03_05 Agency Medical Director City****Definition**

The city of the Agency medical director's mailing address

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

Merged with Agency Contact

Comments

D03_06 Agency Medical Director State

Definition

The state of the Agency medical director's mailing address

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

Merged with Agency Contact

Comments

D03_07 Agency Medical Director Zip Code

Definition

The ZIP code of the Agency medical director's mailing address

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

Merged with Agency Contact

Comments

D03_08 Agency Medical Director Telephone Number

Definition

The primary phone number of the Agency's medical director

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

Merged with Agency Contact

Comments

D03_09 Agency Medical Director Fax Number

Definition

The primary fax number of the Agency's medical director

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

Merged with Agency Contact

Comments

D03_10 Agency Medical Director's Medical Specialty

Definition

The primary medical specialty of the Agency Medical Director

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HIPAA Taxonomy

Comments

D03_11 Agency Medical Director Email Address

Definition

The primary email address of the Agency's medical director

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

Merged with Agency Contact

Comments

D03_N01 Agency Medical Director Degree

Definition

The medical school degree of the EMS Medical Director

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

HIPAA Taxonomy

Comments

This is the medical school degree of the EMS Medical Director (MD or DO)

D03_N02 Agency Medical Director Board Certification

Definition

Documentation of the board certification status of the Agency Medical Director

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

HIPAA Taxonomy

Comments

Documentation of Board Certification in the primary medical specialty

D04_01 State Certification Licensure Levels

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

New EMS Education Standards

Comments

Additions will add the 4 levels associated with the new EMS Education Standards (EMR, EMT, AEMT, and Paramedic)

D04_02 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.

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

None Required

Comments

This is being retired in favor of a direct vehicle identifier

D04_03 Zones

Definition

The geographic zones used by an agency to divide the service area into smaller geographic components. These zones can be defined locally using any method which will allow easy assignment of locations to their respective zone

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

None Required

Comments

This is being retired in favor of geocoded information such as zip code, census tract, GPS coordinate, etc.

D04_04 Procedures

Definition

A list of all procedures that the agency has implemented and available for use.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOMED

Comments

D04_05 Personnel Level Permitted to Use the Procedure

Definition

All Personnel Levels which are permitted to use the associated procedure.

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

New EMS Education Standards

Comments

Additions will add the 4 levels associated with the new EMS Education Standards (EMR, EMT, AEMT, and Paramedic)

D04_06 Medications Given

Definition

A list of all medications the agency has implemented and available for use

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

RXNORM

Comments

D04_07 Personnel Level Permitted to Use the Medication

Definition

All personnel levels which are permitted to use the associated medication

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

New EMS Education Standards

Comments

Additions will add the 4 levels associated with the new EMS Education Standards (EMR, EMT, AEMT, and Paramedic)

D04_08 Protocol

Definition

A list of all of the medical treatment protocols that the agency has in place and available for use. Specific Adult or Pediatric Protocols should be mapped to one of these topics if possible.

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This must be revised to allow additions based on EMS industry changes

D04_09 Personnel Level Permitted to Use the Protocol

Definition

All personnel levels which are permitted to use the associated Protocol

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

New EMS Education Standards

Comments

Additions will add the 4 levels associated with the new EMS Education Standards (EMR, EMT, AEMT, and Paramedic)

D04_10 Billing Status

Definition

Indication of whether the EMS agency routinely bills for any segment of the patient population

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D04_11 Healthcare Facility Name

Definition

The name of the healthcare facility the EMS agency transports to or from

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

AHA and CMS Certification Number

Comments

The Name of the Facility (need to discuss the need for healthcare facility address information)

D04_12 Healthcare Facility Number

Definition

The facility ID of the healthcare facility (D04_11)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

AHA and CMS Certification Number

Comments

The healthcare facility ID

D04_13 Other Destinations

Definition

A list of all destinations other than hospitals which an agency transports to or from

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

None Required

Comments

Merged with Healthcare Facility information

D04_14 Destination Facility Number

Definition

The state assigned licensure number (code) for each Other Destination (D04_13)

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

None Required

Comments

Merged with Healthcare Facility information

D04_15 Healthcare Facility Destination Type

Definition

The type of facility associated with the Healthcare Facility (D04_11)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

CMS Certification

Comments

CMS maintains a list of facility types associate with reimbursement. Also must consider Specialty Centers in Systems of Care such as STEMI, Stroke, and Trauma

D04_16 Insurance Companies Used

Definition

A list of insurance companies which are prevalent in the Agencies service area

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

None Required

Comments

This is being retired as it was not been adequately used in Version 2

D04_17 EMD Vendor

Definition

The Vendor or Company associated with the EMD Card set and algorithms

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D04_N01 State Associated with the Certification Licensure Levels

Definition

The state associated with the State Certification Licensure Levels

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

This is an attempt to distinguish how EMS levels are implemented from state to state

D04_N02 Procedures Permitted by the State

Definition

A list of all of the procedures permitted by each state for each state licensure level

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

SNOMED

Comments

This is an attempt to distinguish how EMS levels are implemented from state to state

D04_N03 Medications Permitted by the State

Definition

A list of all of the procedures permitted by each state for each state licensure level

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

SNOMED

Comments

This is an attempt to distinguish how EMS levels are implemented from state to state

D04_N04 EMS Agency Special Service Capability

Definition

Special training or services provided by the EMS Agency (i.e. USAR, Swift Water Rescue, etc.)

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

The data element documents special service capabilities or training of the EMS Agency and staff.

D05_01 EMS Location Name

Definition

Name of the agency's station

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Name changed to reflect a generic location

D05_02 EMS Location Number**Definition**

ID number of the agency's station

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Name changed to reflect a generic location

D05_03 Station Zone**Definition**

The geographic zone or location of the agency's station

Version 3 Transition Status

Retired

HL7 Impact

Not Applicable

Standard Harmonization

None Required

Comments

This is being retired in favor of geocoded information such as zip code, census tract, GPS coordinate, etc.

D05_04 EMS Location GPS

Definition

The GPS coordinate for the agency's station expressed in decimal degrees.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Decimal Degrees

Comments

Latitude and longitude are to be expressed in sequence, latitude before longitude separated by a comma (38.889722, -77.008889)

D05_05 EMS Location Address

Definition

Address of the EMS Location

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Name changed to reflect a generic location

D05_06 EMS Location City

Definition

City of the EMS Location

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Name changed to reflect a generic location

D05_07 EMS Location State

Definition

State of the EMS Location

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Name changed to reflect a generic location

D05_08 EMS Location Zip

Definition

ZIP Code of the EMS Location

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Name changed to reflect a generic location

D05_09 EMS Location Telephone Number

Definition

The telephone number of the EMS Location

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Name changed to reflect a generic location

D05_N01 EMS Location Type

Definition

The type of EMS location

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Type of EMS Location including Administration Physical Location, EMS Station, Staging Area, etc.

D05_N02 EMS Location Country

Definition

The country of the EMS Location or physical address

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Country is being inserted into all address information

D06_01 Unit/Vehicle Number

Definition

The unique ID number of the unit which is specific for each vehicle; this may or not be the manufacturers VIN. This should be used in EMS PCR documentation to document the vehicle

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This ID is being formalized as the unique ID for an EMS vehicle to be used in EMS documentation

D06_03 Vehicle Type

Definition

Vehicle type of unit (ambulance, fire, truck, etc.)

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D06_04 Crew State Certification/Licensure Levels

Definition

The personnel certification/licensure level of the vehicle crew member

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

New EMS Education Standards

Comments

Date Element Name revised to reflect vehicle crew's certification level. Also, additions will add the 4 levels associated with the new EMS Education Standards (EMR, EMT, AEMT, and Paramedic)

D06_05 Number Of Each Personnel Level on the Vehicle Crew

Definition

The number of each personnel level associated with the vehicle crew.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D06_06 Vehicle Initial Cost

Definition

The initial cost of the vehicle excluding all medical and other equipment not associated with the vehicle operation. This cost should be inclusive of all sources of funding including grants, donations, and any other capital.

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

NHTSA EMS Cost Analysis Model

Comments

This requires evaluation to better define EMS Vehicle Cost and harmonization with the EMS Cost Analysis Model

D06_07 Vehicle Model Year

Definition

The year the vehicle was manufactured. This is defined by the year of the VIN, understanding that some parts of the vehicle may not be original.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D06_08 Year Miles/Hours Accrued

Definition

The calendar year the Hours and miles were accumulated

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Clarification of Calendar Year

D06_09 Annual Vehicle Hours

Definition

The number of hours the vehicle was in service for the agency for the defined year.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D06_10 Annual Vehicle Miles

Definition

The number of miles the vehicle accumulated in service for the agency for the defined year (Odometer Reading)

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D06_N01 Vehicle Identification Number

Definition

The manufacturers VIN associated with the vehicle

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is added to allow documentation of the manufacturers VIN while allowing a shorter more user friendly number for EMS documentation

D07_01 Professional's Agency ID Number

Definition

Local agency ID number for personnel

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Personnel is being changed to Professional

D07_02 State/Licensure ID Number**Definition**

The state certification/licensure ID number assigned to the crew member

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**D07_03 Professional's Employment Status****Definition**

Professional's Employment Status for this Agency

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

EMS Workforce Study

Comments

Personnel is being changed to Professional

D07_04 Employment Status Date

Definition

The date that the employee status was assigned

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

EMS Workforce Study

Comments

D07_05 Professional's Level of Certification/Licensure for Agency

Definition

Professional's level of certification in this agency in the associated year

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

New EMS Education Standards

Comments

Personnel is being changed to Professional. Also, additions will add the 4 levels associated with the new EMS Education Standards (EMR, EMT, AEMT, and Paramedic)

D07_06 Date of Professional's Certification or Licensure for Agency

Definition

The date that the Certification/Licensure was achieved

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Personnel is being changed to Professional

D07_N01 State of Licensure

Definition

The state of the certification/licensure ID number assigned to the crew member

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Added to allow multiple state's licensure/credentials

D07_N02 Hire Date

Definition

The date the employee was hired by the EMS Agency

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

EMS Workforce Study

Comments

Added to document the date the EMS Professional was hired by the EMS Agency

D07_N03 Main EMS Job Role

Definition

The individuals main EMS role at the EMS Agency

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

EMS Workforce Study

Comments

Added to better define the EMS Professionals role within the EMS Agency

D08_01 EMS Professional's Last Name

Definition

Last Name of personnel

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Personnel is being changed to Professional

D08_02 EMS Professional's Middle Name/Initial

Definition

Middle name or initial of personnel

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Personnel is being changed to Professional

D08_03 EMS Professional's First Name

Definition

First name of personnel

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Personnel is being changed to Professional

D08_04 EMS Professional's Mailing Address

Definition

Street or PO Box of the Professional's mailing address

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Personnel is being changed to Professional

D08_05 EMS Professional's City of Residence

Definition

City of Professional's mailing address

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Personnel is being changed to Professional

D08_06 EMS Professional's State

Definition

State of Professional's mailing address

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Personnel is being changed to Professional

D08_07 EMS Professional's Zip Code

Definition

ZIP code of Professional's mailing address

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Personnel is being changed to Professional

D08_08 EMS Professional's Work Telephone

Definition

Work phone number of the professional

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Personnel is being changed to Professional

D08_09 EMS Professional's Home Telephone

Definition

Home phone number of the professional

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Personnel is being changed to Professional

D08_10 EMS Professional's Email Address

Definition

Primary email address of the professional

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Personnel is being changed to Professional

D08_11 EMS Professional's Date Of Birth

Definition

The EMS Professional's date of birth.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Personnel is being changed to Professional

D08_12 EMS Professional's Gender**Definition**

The EMS Professional's gender

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Personnel is being changed to Professional

D08_13 EMS Professional's Race**Definition**

The EMS Professional's race as defined by the OMB (US Office of Management and Budget)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Personnel is being changed to Professional

D08_14 EMS Professional's Ethnicity

Definition

The EMS Professional's ethnicity as defined by the OMB (US Office of Management and Budget)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Personnel is being changed to Professional

D08_15 State EMS Certification Licensure Level

Definition

The Professional's State EMS Certification level

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

New EMS Education Standards

Comments

Personnel is being changed to Professional. Also, additions will add the 4 levels associated with the new EMS Education Standards (EMR, EMT, AEMT, and Paramedic)

D08_16 National Registry Credentialed

Definition

Indication of National Registry Credential for the level of Certification/Licensure in D08_15

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

New EMS Education Standards

Comments

Additions will add the 4 levels associated with the new EMS Education Standards (EMR, EMT, AEMT, and Paramedic)

D08_17 State EMS Current Certification Date

Definition

The date of the Professional's current certification.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Personnel is being changed to Professional

D08_18 Initial State Certification Date

Definition

The initial certification date of Professional's current State certification

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Personnel is being changed to Professional. Also clarification of Initial Certification Date in definition

D08_19 Total Length of Service

Definition

The Professional's total length of active EMS service at any level in years. Please do not include time periods not working in EMS.

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

EMS Workforce Study

Comments

Personnel is being changed to Professional. Also, additions will add the 4 levels associated with the new EMS Education Standards (EMR, EMT, AEMT, and Paramedic)

D08_20 Date Length of Service Documented

Definition

The date which the length of EMS service was documented

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D08_N01 EMS Professional's Country

Definition

The country of the EMS Professional's mailing address

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Country is being inserted into all address information

D08_N02 EMS Professional's Citizenship

Definition

Documentation of the EMS Professional's Citizenship

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Added for EMS Workforce Documentation

D08_N03 EMS Professional's Highest Educational Degree

Definition

The highest educational degree completed by the EMS Professional

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Added for EMS Workforce Documentation

D08_N04 EMS Professional's Degree Subject/Area

Definition

The area of the EMS Professional's post high-school degree

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Added for EMS Workforce Documentation

D08_N05 EMS Professional's Motor Vehicle License Type

Definition

The type of motor vehicle license (i.e. Class A, B, Pilot, etc.)

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Added for EMS Workforce Documentation

D08_N06 EMS Professionals Continuing Education

Definition

Documentation of the EMS Professionals Continuing Medical Education

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Added for EMS Workforce Documentation Needs clarification

D08_N07 EMS Professional's Immunization Status

Definition

Documentation of the EMS Professional's Immunization Status

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Added for EMS Workforce Documentation Needs clarification

D08_N08 EMS Professional's Foreign Language Ability**Definition**

List of languages spoken (other than English) by the EMS Professional

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Added for EMS Workforce Documentation

D09_01 Device Serial Number**Definition**

The unique manufacturer's serial number associated with a medical device

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**D09_02 Device Name or ID**

Definition

The local number or configurable ID/Name of the medical device

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D09_03 Device Manufacturer

Definition

The manufacturer of the medical device

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D09_04 Model Number

Definition

The specific manufacturer's model number associated with medical device

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D09_05 **Device Purchase Date**

Definition

The date the device was placed in service by the EMS agency

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

D09_N01 **Device Type**

Definition

The type of medical device

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Created to document the device type such as Cardiac Monitor, Pulse Oximetry, etc. This can also be used to document special equipment such as Geiger counters, ventilators, disaster equipment, etc.

E00 **Common Null Values**

Definition

These values are to be used in each of the Demographic and EMS Data Elements described in this document which have been defined to accept the E00 Null Values. Please include these variables in the implementation of the NHTSA Version 3 Dataset.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

Attempt to decrease number of null values. Current thought is Not Collected, Not Recorded, and Not Known

E01_01 Patient Care Report Number

Definition

The unique number automatically assigned by the EMS agency for each patient care report (PCR). This is a unique number to the EMS agency for all of time.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E01_02 Software Creator

Definition

The name of the software vendor by whom the data collection software was developed

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E01_03 Software Name

Definition

The name of the software package with which the data was collected by the agency

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E01_04 Software Version****Definition**

The version of the software used by the agency to collect the data

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E02_01 EMS Agency Number****Definition**

The state-assigned provider number of the responding agency

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E02_02 Incident Number

Definition

The incident number assigned by the 911 Dispatch System

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E02_03 EMS Unit (Vehicle) Response Number

Definition

The internal EMS response number which is unique for each EMS unit's (vehicles) response to an incident within an agency.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E02_04 Type of Service Requested

Definition

The type of service or category of service requested of the EMS service responding for this specific EMS incident.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E02_05 Primary Role of the Unit****Definition**

The primary role of the EMS service which was requested for this specific EMS incident.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E02_06 Type of Dispatch Delay****Definition**

The dispatch delays, if any, associated with the dispatch of the EMS unit to the patient encounter

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E02_07 Type of Response Delay**

Definition

The response delays, if any, of the unit associated with the patient encounter

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E02_08 Type of Scene Delay****Definition**

The scene delays, if any, of the unit associated with the patient encounter

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E02_09 Type of Transport Delay****Definition**

The transport delays, if any, of the unit associated with the patient encounter

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E02_10 Type of Turn-Around Delay

Definition

The turn-around delays, if any, associated with the EMS unit associated with the patient encounter

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Clarify Delay in ED Off-Load as a reason.

E02_11 EMS Unit/Vehicle Number

Definition

The unique physical vehicle number of the responding unit

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This ID is being formalized as the unique ID for an EMS vehicle to be used in EMS documentation

E02_12 EMS Unit Call Sign (Radio Number)

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.

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is being retired in favor of a direct vehicle identifier

E02_13 Vehicle Dispatch Location

Definition

The EMS Location or healthcare facility name representing the geographic location of the vehicle at the time of dispatch

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Definition changed to reflect the EMS Location or Healthcare Facility name

E02_14 Vehicle Dispatch Zone

Definition

Geographic zone representing the location of the responding vehicle at the time of dispatch.

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is being retired in favor of geocoded information such as zip code, census tract, GPS coordinate, etc.

E02_15 Vehicle Dispatch GPS Location

Definition

The GPS coordinates associated with the EMS unit at the time of dispatch expressed in decimal degrees.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Decimal Degrees

Comments

Latitude and longitude are to be expressed in sequence, latitude before longitude separated by a comma (38.889722, -77.008889)

E02_16 Beginning Odometer Reading of Responding Vehicle

Definition

The mileage (odometer reading) of the vehicle at the beginning of the call (when the wheels begin moving)

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E02_17 On-Scene Odometer Reading of Responding Vehicle

Definition

The mileage (odometer reading) of the vehicle when it arrives at the patient

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E02_18 Patient Destination Odometer Reading of Responding Vehicle

Definition

The mileage (odometer reading) of the vehicle when it arrives at the patient's destination

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E02_19 Ending Odometer Reading of Responding Vehicle

Definition

The ending mileage (odometer reading) of the vehicle (at time back in service)

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E02_20 Response Mode to Scene

Definition

Indication whether or not lights and/or sirens were used on the vehicle on the way to the scene

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Consider adding Lights and Sirens with Normal Driving Speed

E02_N01 EMS Agency Name

Definition

The name of the EMS Agency associated with the patient care report

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Added to clarify the EMS Agency Name. In version 2, only the EMS Agency Number was easily identified.

E03_01 Complaint Reported by Dispatch

Definition

The complaint dispatch reported to the responding unit.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOMED CT and NAEMD

Comments

This will likely remain unchanged but will require evaluation with SNOMED CT mapping to determine

E03_02 EMD Performed

Definition

Indication of whether EMD was performed for this EMS event.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E03_03 EMD Card Number

Definition

The EMD card number reported by dispatch, consisting of the card number, dispatch level, and dispatch mode

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E04_01 Crew Member ID

Definition

The State Certification/Licensure ID number assigned to the crew member

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E04_03 Crew Member Level****Definition**

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

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

EMS Workforce Study

Comments**E05_01 Incident or Onset Date/Time****Definition**

The date/time the injury occurred, or the date/time the symptoms or problem started

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E05_02 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.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E05_03 Dispatch Notified Date/Time****Definition**

The date/time dispatch was notified by the 911 call taker (if a separate entity)

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E05_04 Unit Notified by Dispatch Date/Time****Definition**

The date the responding unit was notified by dispatch

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E05_05 Unit En Route Date/Time

Definition

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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E05_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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E05_07 Arrived at Patient Date/Time

Definition

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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E05_08 Transfer of EMS Patient Care Date/Time

Definition

The date/time the patient was transferred from this EMS agency to another EMS agency for care.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E05_09 Unit Left Scene Date/Time

Definition

The date/time the responding unit left the scene (started moving)

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E05_10 Patient Arrived at Destination Date/Time

Definition

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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E05_11 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)

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E05_12 Unit Cancelled Date/Time****Definition**

The date/time if the unit's call was cancelled

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E05_13 Unit Back at Home Location Date/Time**

Definition

The date/time the responding unit was back in their service area. In agencies who utilized Agency Status Management, home location means the service area as assigned through the agency status management protocol.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E05_N01 Arrival at Destination Landing Area

Definition

The date/time the Air Medical vehicle arrived at the destination landing area.

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Added to allow Air Medical Services to better document arrival to the landing area prior to arrival at the destination healthcare facility.

E05_N02 Destination Patient Transfer of Care Date/Time

Definition

The date/time the patient care was transferred to the destination healthcare facility

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This data element is being added to better document delays in ED transfer of patient care.

E06_01 Last Name

Definition

The patient's last (family) name

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E06_02 First Name

Definition

The patient's first (given) name

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E06_03 Middle Initial/Name

Definition

The patient's middle name, if any

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E06_04 Patient's Home Address

Definition

The patient's home mailing or street address

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E06_05 Patient's Home City

Definition

The patient's home city or township or residence

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E06_06 Patient's Home County

Definition

The patient's home county or parish or residence

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E06_07 Patient's Home State

Definition

The patient's home state, territory, or province, or District of Columbia, where the patient resides

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E06_08 Patient's Home Zip Code

Definition

The patient's home ZIP code of residence

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E06_09 Patient's Home Country

Definition

The patient's country of citizenship

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E06_10 Social Security Number

Definition

The patient's social security number

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E06_11 Gender

Definition

The patient's gender

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

E06_12 Race

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

E06_13 Ethnicity

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

E06_14 Age

Definition

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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E06_15 Age Units****Definition**

The units which the age is documented in (Hours, Days, Months, Years)

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E06_16 Date of Birth****Definition**

The patient's date of birth

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E06_17 Primary or Home Telephone Number

Definition

The patient's home or primary telephone number

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E06_18 State Issuing Driver's License

Definition

The state that issued the driver's license

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E06_19 Driver's License Number

Definition

The patient's driver's license number

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E06_N01 Patient Home Census Tract

Definition

The census tract in which the patient lives

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Added to better provide demographic census information on the EMS Agency and service area.

E07_01 Primary Method of Payment

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

E07_02 Certificate of Medical Necessity

Definition

Indication of whether a certificate of medical necessity is present

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E07_03 Insurance Company ID/Name

Definition

The ID number of the patient's insurance company

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E07_04 Insurance Company Billing Priority

Definition

The billing priority or order for the insurance company.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E07_05 Insurance Company Address

Definition

The mailing address of the Insurance Company

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E07_06 Insurance Company City

Definition

The insurance companies city or township

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E07_07 Insurance Company State

Definition

The insurance companies state, territory, or province, or District of Columbia.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments**E07_08 Insurance Company Zip Code****Definition**

The insurance companies Zip Code

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments**E07_09 Insurance Group ID/Name****Definition**

The ID number or name of the patient's insurance group

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E07_10 Insurance Policy ID Number**

Definition

The ID number of the patient's insurance policy

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E07_11 Last Name of the Insured****Definition**

The last (family) name of the person insured by the insurance company.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E07_12 First Name of the Insured****Definition**

The first (given) name of the person insured by the insurance company

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E07_13 Middle Initial/Name of the Insured

Definition

The middle name, if any, of the person insured by the insurance company.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E07_14 Relationship to the Insured

Definition

The relationship of the patient to the primary insured person

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E07_15 Work-Related

Definition

Indication of whether or not the injury is work related.

Version 3 Transition Status

Moved

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Moved from Billing Section to Trauma Section to encourage completion

E07_16 Patient's Occupational Industry

Definition

The occupational industry of the patient's work

Version 3 Transition Status

Moved

HL7 Impact

Changed

Standard Harmonization

SOC (Labor Statistics)

Comments

Moved from Billing Section to Trauma Section to encourage completion

E07_17 Patient's Occupation

Definition

The occupation of the patient

Version 3 Transition Status

Moved

HL7 Impact

Changed

Standard Harmonization

SOC (Labor Statistics)

Comments

Moved from Billing Section to Trauma Section to encourage completion

E07_18 Closest Relative/Guardian Last Name

Definition

The last (family) name of the patient's closest relative or guardian

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E07_19 First Name of the Closest Relative/ Guardian****Definition**

The first (given) name of the patient's closest relative or guardian

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E07_20 Middle Initial/Name of the Closest Relative/ Guardian****Definition**

The middle name/initial, if any, of the closest relative or guardian.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E07_21 Closest Relative/ Guardian Street Address

Definition

The home street address of the patient's closest relative or guardian

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E07_22 Closest Relative/ Guardian City

Definition

The home city of the patient's closest relative or guardian

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E07_23 Closest Relative/ Guardian State

Definition

The home state of the patient's closest relative or guardian

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E07_24 **Closest Relative/ Guardian Zip Code**

Definition

The home Zip Code of the patient's closest relative or guardian

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E07_25 **Closest Relative/ Guardian Phone Number**

Definition

The home or other phone number of the patient's closest relative or guardian

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E07_26 **Closest Relative/ Guardian Relationship**

Definition

The relationship of the patient's closest relative or guardian

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments**E07_27 Patient's Employer****Definition**

The name of the patient's employer

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E07_28 Patient's Employer's Address****Definition**

The street address of the patient's employer

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E07_29 Patient's Employer's City**

Definition

The home city of the patient's employer

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E07_30 Patient's Employer's State

Definition

The home state of the patient's employer

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E07_31 Patient's Employer's Zip Code

Definition

The home Zip Code of the patient's employer

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E07_32 Patient's Work Telephone Number

Definition

The patient's work telephone number

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E07_33 Response Urgency

Definition

The urgency in which the EMS agency began to mobilize resources.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7 and/or SNOWMED

Comments

E07_34 CMS Service Level

Definition

The CMS service level for this EMS encounter.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

CMS

Comments

E07_35 Condition Code Number

Definition

The condition codes are used to better describe the service and patient care delivery by an EMS service. Please consult CMS documentation for detailed descriptions of these condition codes and their use.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

CMS

Comments

E07_36 ICD-9 Code for the Condition Code Number

Definition

The ICD-9 Code assigned by CMS for the condition code documented in E07_35. Please consult CMS documentation for detailed descriptions of the Condition Codes and their use.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

ICD-9 or possibly ICD-10 or SNOWMED

Comments

E07_37 Condition Code Modifier

Definition

The CMS Condition Code Modifier is used to better describe the EMS ground or air medical services response and service delivery. Please consult CMS documentation for detailed descriptions of these modifiers and their use.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

CMS

Comments

E07_N01 Residency Status of the Patient

Definition

The status of the patient's residency within EMS Agencies municipality.

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is added to determine if the patient resides within the EMS Agencies municipality (community).

E07_N02 Insurance Company Country

Definition

The insurance companies country

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Country is being inserted into all address information

E07_N03 Closest Relative/ Guardian Country

Definition

The country of the Closest Relative/ Guardian

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Country is being inserted into all address information

E07_N04 Patient's Employer's Country

Definition

The country of the Patient's Employer's

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Country is being inserted into all address information

E08_01 Other EMS Agencies at Scene

Definition

Other EMS agencies that were at the scene, if any

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E08_02 Other Services at Scene

Definition

Other services that were at the scene, if any

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E08_03 Estimated Date/Time Initial Responder Arrived on Scene

Definition

The date/time differential between the initial responder and the EMS unit arriving on the scene, if applicable.

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is being merged with Date/Time Initial Responder Arrived on Scene.

E08_04 **Date/Time Initial Responder Arrived on Scene**

Definition

The time that the initial responder arrived on the scene, if applicable.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E08_05 **Number of Patients at Scene**

Definition

Indicator of how many total patients were at the scene

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E08_06 **Mass Casualty Incident**

Definition

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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E08_07 Incident Location Type****Definition**

The kind of location where the incident happened

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

ICD-9 or possibly ICD-10

Comments**E08_08 Incident Facility Code****Definition**

The state or regulatory number (code) associated with the facility if the Incident is a Healthcare Facility.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E08_09 Scene Zone Number**

Definition

Geographic zone representing the location of the scene

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is being retired in favor of geocoded information such as zip code, census tract, GPS coordinate, etc.

E08_10 Scene GPS Location

Definition

The GPS coordinates associated with the Scene stored as decimal degrees.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Decimal Degrees

Comments

Latitude and longitude are to be expressed in sequence, latitude before longitude separated by a comma (38.889722, -77.008889)

E08_11 Incident Address

Definition

The street address (or best approximation) where the patient was found, or, if no patient, the address to which the unit responded.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E08_12 Incident City

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E08_13 Incident County

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E08_14 Incident State

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E08_15 Incident ZIP Code

Definition

The ZIP code of the incident location

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E08_N01 Incident Country

Definition

The country of the incident location

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Country is being inserted into all address information

E08_N02 Incident Census Tract

Definition

The census tract in which the incident occurred

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Added to better provide demographic census information on the EMS Agency and service area.

E09_01 Prior Aid

Definition

Any care which was provided to the patient prior to the arrival of this unit.

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Prior Aid is being retired. Care prior to EMS arrival should be documented as a treatment or procedure.

E09_02 Prior Aid Performed by

Definition

The type of individual who performed the care prior to the arrival of this unit.

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Prior Aid is being retired. Care prior to EMS arrival should be documented as a treatment or procedure.

E09_03 Outcome of the Prior Aid

Definition

What was the outcome or result of the care performed prior to the arrival of the unit?

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Prior Aid is being retired. Care prior to EMS arrival should be documented as a treatment or procedure.

E09_04 Possible Injury

Definition

Indicates that the reason for the EMS encounter was related to an injury or traumatic event. 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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E09_05 Chief Complaint

Definition

The statement of the problem by the patient or the history provider in one or two words

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments**E09_06 Duration of Chief Complaint****Definition**

The time duration of the chief complaint

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E09_07 Time Units of Duration of Chief Complaint****Definition**

The time units of the duration of the patient's chief complaint

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E09_08 Secondary Complaint Narrative**

Definition

The narrative of the patient's secondary complaint

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments**E09_09 Duration of Secondary Complaint****Definition**

The duration of the secondary complaint

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E09_10 Time Units of Duration of Secondary Complaint****Definition**

The time units of the duration of the patient's secondary complaint

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E09_11 Chief Complaint Anatomic Location

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E09_12 Chief Complaint Organ System

Definition

The primary organ system of the patient injured or medically affected. This is to be completed by EMS personnel with a minimum of an EMT-Paramedic level of credentialing.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E09_13 Primary Symptom

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E09_14 Other Associated Symptoms

Definition

Other symptoms identified by the patient or observed by EMS personnel

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E09_15 Providers 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).

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E09_16 Provider's Secondary Impression

Definition

The EMS personnel's impression of the patient's secondary problem or which led to the management given to the patient (treatments, medications, or procedures).

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E09_N01 Patient's Initial Condition at Scene

Definition

The condition of the patient on EMS arrival at the scene

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E09_N02 Date/Time of Symptom Onset

Definition

The date and time the symptom began

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is being added to better document onset time for symptoms such as Stroke, STEMI, and other acute illness and injury

E10_01 Cause of Injury

Definition

The category of the reported/suspected external cause of the injury

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

ECODE (?ICD-9 or ICD-10)

Comments

E10_02 Intent of the Injury

Definition

The intent of the individual inflicting the injury

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

MUCC

Comments

Must determine how much crash information to collect in NEMSIS vs. linkage to Crash databases

E10_03 Mechanism of Injury

Definition

The mechanism of the event which caused the injury.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

MUCC

Comments

Must determine how much crash information to collect in NEMSIS vs. linkage to Crash databases

E10_04 Vehicular Injury Indicators

Definition

The kind of risk factor predictors associated with the vehicle involved in the incident

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

MUCC

Comments

Need to add Crash Telemetry with High Risk to Injury, MVC vs. Pedestrian > 20 mph, and Motorcycle Crash > 20 mph. Must determine how much crash information to collect in NEMSIS vs. linkage to Crash databases

E10_05 Area of the Vehicle impacted by the collision

Definition

The area or location of impact on the vehicle

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

MUCC

Comments

Must determine how much crash information to collect in NEMSIS vs. linkage to Crash databases

E10_06 Seat Row Location of Patient in Vehicle

Definition

The seat row location of the patient in vehicle at the time of the crash with the front seat numbered as 1.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

MUCC

Comments

Must determine how much crash information to collect in NEMSIS vs. linkage to Crash databases

E10_07 Position of Patient in the Seat of the Vehicle

Definition

The position of the patient in seat of the vehicle at the time of the crash

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

MUCC

Comments

Must determine how much crash information to collect in NEMSIS vs. linkage to Crash databases

E10_08 Use of Occupant Safety Equipment

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

MUCC

Comments

Must determine how much crash information to collect in NEMESIS vs. linkage to Crash databases

E10_09 Airbag Deployment

Definition

Indication of Airbag deployment during the motor vehicle crash.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

MUCC

Comments

Must determine how much crash information to collect in NEMESIS vs. linkage to Crash databases

E10_10 Height of Fall

Definition

The distance in feet the patient fell, measured from the lowest point of the patient to the ground.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E10_N01 Work-Related

Definition

Indication of whether or not the injury is work related.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Moved from Billing Section to Trauma Section to encourage completion

E10_N02 Patient's Occupational Industry**Definition**

The occupational industry of the patient's work

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SOC (Labor Statistics)

Comments

Moved from Billing Section to Trauma Section to encourage completion

E10_N03 Patient's Occupation**Definition**

The occupation of the patient

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SOC (Labor Statistics)

Comments

Moved from Billing Section to Trauma Section to encourage completion

E10_N04 Agency Providing ACN Data

Definition

The Agency providing the Automated Collision Notification Data

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N05 ACN Incident ID

Definition

The Automated Collision Notification Incident ID

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N06 ACN Call Back Number

Definition

The Automated Collision Notification Call Back Phone Number

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Draft NEMESIS Version 3 Data Standard

Version Draft Date: June 1, 2009

Added for Automated Crash Notification

E10_N07 ACN Incident Date/Time

Definition

The Automated Collision Notification Incident Date and Time

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N08 ACN Incident Location

Definition

The Automated Collision Notification GPS Location

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N09 ACN Incident Vehicle Body Type

Definition

The Automated Collision Notification Vehicle Body Type

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N10 ACN Incident Vehicle Manufacturer

Definition

The Automated Collision Notification Vehicle Manufacturer

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N11 ACN Incident Vehicle Make

Definition

The Automated Collision Notification Vehicle Make

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N12 ACN Incident Vehicle Model

Definition

The Automated Collision Notification Vehicle Model

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N13 ACN Incident Vehicle Model Year

Definition

The Automated Collision Notification Vehicle Model Year

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N14 ACN Incident Delta V

Definition

The Automated Collision Notification Delta V force associated with the crash.

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N15 ACN Incident PDOF

Definition

The Automated Collision Notification Principal Direction of Force (PDOF)

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N16 ACN Incident Rollover

Definition

The Automated Collision Notification Indication that the Vehicle Rollover

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N17 ACN Incident Seatbelt Use

Definition

The Automated Collision Notification Indication of Seatbelt use by the occupant(s)

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N18 ACN Incident Airbag Deployed

Definition

The Automated Collision Notification Indication of Airbag Deployment

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N19 ACN Incident Multiple Impacts

Definition

The Automated Collision Notification Indication of Multiple Impacts associated with the collision.

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E10_N20 ACN Incident Number or Occupants

Definition

The Automated Collision Notification Indication of the Number of Occupants

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

OASIS VEDS

Comments

Added for Automated Crash Notification

E11_01 Cardiac Arrest**Definition**

Indication of the presence of a cardiac arrest at any time associated with the EMS event.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments**E11_02 Cardiac Arrest Etiology****Definition**

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments**E11_03 Resuscitation Attempted**

Definition

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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E11_04 Arrest Witnessed by

Definition

Indication of who the cardiac arrest was witnessed by

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E11_05 First Monitored Rhythm of the Patient

Definition

Documentation of what the first monitored rhythm which was noted

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E11_06 Any Return of Spontaneous Circulation

Definition

Indication whether or not there was any return of spontaneous circulation at any time during the EMS event.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E11_08 Estimated Time of Arrest Prior to EMS Arrival

Definition

The length of time the patient was down (estimated) before the responding unit arrived at the patient

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

Utstein

Comments

Consider changing to a Date/Time instead of an time interval based on EMS use.

E11_09 Date/Time Resuscitation Discontinued

Definition

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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E11_10 Reason CPR Discontinued

Definition

The reason that CPR or the resuscitation efforts were discontinued.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E11_11 Cardiac Rhythm on Arrival at Destination

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E11_N01 Care Provided Prior to EMS Arrival

Definition

Documentation of the care provide prior to EMS arrival

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is being added to better document bystander CPR, AED use, ext.

E12_01 Barriers to Patient Care

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E12_02 Sending Facility Medical Record Number

Definition

The medical record number of the medical facility who is transferring care to EMS

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E12_03 Destination Medical Record Number

Definition

The patient's medical record number at the patient's receiving facility

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E12_04 First Name of Patient's Primary Practitioner

Definition

The first name of the patient's primary practitioner

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E12_05 Middle Name of Patient's Primary Practitioner

Definition

The middle name of the patient's primary practitioner

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E12_06 Last Name of Patient's Primary Practitioner

Definition

The last name of the patient's primary practitioner

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E12_07 Advanced Directives

Definition

The presence of a valid for of living will of document directing end of life or healthcare treatment decisions

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E12_08 Medication Allergies

Definition

The patient's medication allergies

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E12_09 Environmental/Food Allergies

Definition

The patient's known allergies to food or environmental agents.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E12_10 Medical/Surgical History

Definition

The patient's pre-existing medical and surgery history of the patient

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments**E12_11 Medical History Obtained From****Definition**

Type of person medical history obtained from

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E12_12 Immunization History****Definition**

The type of immunization the patient has received.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments**E12_13 Immunization Date**

Definition

The date of the associated immunization type.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E12_14 Current Medications****Definition**

The medications the patient currently takes

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

RXNORM

Comments**E12_15 Current Medication Dose****Definition**

The numeric dose or amount of the patient's current medication

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E12_16 Current Medication Dosage Unit

Definition

The dosage unit of the patient's current medication

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

RXNORM

Comments

E12_17 Current Medication Administration Route

Definition

The administration route (po, SQ, etc.) of the patients current medication

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

RXNORM

Comments

E12_18 Presence of Emergency Information Form

Definition

Indication of the presence of the Emergency Information Form associated with patient's with special healthcare needs.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

None Required

Comments

E12_19 Alcohol/Drug Use Indicators

Definition

Indicators for the potential use of Alcohol or Drugs by the patient.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E12_20 Pregnancy

Definition

Indication of the possibility by the patient's history of current pregnancy

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

For ACS Trauma Triage make sure Pregnancy > 20 weeks documented

E13_01 Run Report Narrative

Definition

The narrative of the run report

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E14_01 Date/Time Vital Signs Taken

Definition

Date/Time Vital Signs Taken

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E14_02 Obtained Prior to this Units EMS Care

Definition

Indicates that the information which is documented was obtained prior to the EMS unit's care creating this patient care report

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E14_03 Cardiac Rhythm

Definition

The cardiac rhythm of the patient as interpreted by EMS personnel

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

Addition of STEMI

E14_04 SBP (Systolic Blood Pressure)

Definition

The patient's systolic blood pressure

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_05 DBP (Diastolic Blood Pressure)

Definition

The patient's diastolic blood pressure

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_06 Method of Blood Pressure Measurement

Definition

Indication of method of blood pressure procedure.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E14_07 Pulse Rate

Definition

The patient's pulse rate, palpated or auscultated, expressed as a number per minute

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_08 Electronic Monitor Rate

Definition

The patient's heart rate as recorded by an electronic monitoring device (ECG, pulse oximetry, etc.)

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_09 Pulse Oximetry

Definition

The patient's oxygen saturation

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_10 Pulse Rhythm

Definition

The clinical rhythm of the patients pulse (regular, irregular, etc.)

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_11 Respiratory Rate

Definition

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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_12 Respiratory Effort

Definition

The patient's respiratory effort

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_13 Carbon Dioxide

Definition

The patient's end-tidal or other CO2 level.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_14 Blood Glucose Level

Definition

The patient's blood glucose level

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_15 Glasgow Coma Score-Eye

Definition

The patient's Glasgow Coma Score Eye opening

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_16 Glasgow Coma Score-Verbal

Definition

The patient's Glasgow Coma Score Verbal

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_17 Glasgow Coma Score-Motor

Definition

The patient's Glasgow Coma Score Motor

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_18 Glasgow Coma Score-Qualifier

Definition

Documentation of factors which make the GCS score more meaningful.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E14_19 Total Glasgow Coma Score

Definition

The patient's total Glasgow Coma Score

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_20 Temperature

Definition

The patient's body temperature in degrees celsius/centigrade.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_21 Temperature Method

Definition

The method used to obtain the patient's body temperature

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E14_22 Level of Responsiveness

Definition

The patients level of responsiveness

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E14_23 Pain Score

Definition

The patient's indication of pain from a scale of 0 –10.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

Pain Score and Pain Scale type separated

E14_24 Stroke Score

Definition

The patient's Stroke Scale Results

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

Stroke Screen result and Stroke Screen type separated

E14_25 Reperfusion Checklist

Definition

The results of the patient's Reperfusion Checklist for potential Thrombolysis use

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

Changed title to Reperfusion Checklist

E14_26 APGAR

Definition

The patient's total APGAR score (0-10). Recommended to be taken at 1 and 5 minutes after the infants birth

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E14_27 Revised Trauma Score

Definition

The patient's Revised Trauma Score

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_28 Pediatric Trauma Score

Definition

The Trauma Score for patients age 12 and under

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E14_N01 ECG Type

Definition

The type of ECG associated with the cardiac rhythm

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

Added to better define 3 lead, 5 lead, and 12 lead ECGs

E14_N02 Method of ECG Interpretation

Definition

How the ECG was interpreted. Choices are computer, EMS professional, electronic transmission

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Added to better define how a STEMI is recognized

E14_N03 Carbon Monoxide (CO)

Definition

The patient's carbon monoxide level

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

Added to document Carbon Monoxide using new pulsometer devices.

E14_N04 Pain Scale Type

Definition

The type of pain scale used

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

Pain Score and Pain Scale type separated

E14_N05 Stroke Scale Type

Definition

The type of stroke pain scale used

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

Stroke Screen result and Stroke Screen type separated

E15_01 NHTSA Injury Matrix External/Skin

Definition

Type of injury identified and associated with the external body/Skin (including burns)

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Draft NEMESIS Version 3 Data Standard

Version Draft Date: June 1, 2009

This Section is being merged into the Assessment/Exam Section

E15_02 NHTSA Injury Matrix Head

Definition

Type of injury identified and associated with the Head (excluding face, neck, cervical spine, and ear)

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This Section is being merged into the Assessment/Exam Section

E15_03 NHTSA Injury Matrix Face

Definition

Type of injury identified and associated with the Face (including ear)

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This Section is being merged into the Assessment/Exam Section

E15_04 NHTSA Injury Matrix Neck

Definition

Type of injury identified and associated with the Neck

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This Section is being merged into the Assessment/Exam Section

E15_05 NHTSA Injury Matrix Thorax

Definition

Type of injury identified and associated with the Thorax (excluding the thoracic spine)

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This Section is being merged into the Assessment/Exam Section

E15_06 NHTSA Injury Matrix Abdomen

Definition

Type of injury identified and associated with the Abdomen (excluding the lumbar spine)

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This Section is being merged into the Assessment/Exam Section

E15_07 NHTSA Injury Matrix Spine

Definition

Type of injury identified and associated with the Spine

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This Section is being merged into the Assessment/Exam Section

E15_08 NHTSA Injury Matrix Upper Extremities

Definition

Type of injury identified and associated with the Upper Extremities

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This Section is being merged into the Assessment/Exam Section

E15_09 NHTSA Injury Matrix Pelvis

Definition

Type of injury identified and associated with the Pelvis

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This Section is being merged into the Assessment/Exam Section

E15_10 NHTSA Injury Matrix Lower Extremities

Definition

Type of injury identified and associated with the Lower Extremities

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This Section is being merged into the Assessment/Exam Section

E15_11 NHTSA Injury Matrix Unspecified

Definition

Type of injury identified and associated with Unspecified

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This Section is being merged into the Assessment/Exam Section

E16_01 Estimated Body Weight

Definition

The patient's body weight in kilograms, either measured or estimated

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E16_02 Length Based Tape Measure

Definition

The Length based tape measure as take from the tape

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

Change to length based tape

E16_03 Date/Time of Assessment

Definition

The date/time assessment was made on the patient

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

Clinical LOINC

Comments

E16_04 Skin Assessment

Definition

The assessment of the patient's skin on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_05 Head/Face Assessment

Definition

The assessment of the patient's face on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_06 Neck Assessment

Definition

The assessment of the patient's head & neck area on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_07 Chest/Lungs Assessment

Definition

The assessment of the patient's chest on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_08 Heart Assessment

Definition

The assessment of the patient's heart on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_09 Abdomen Left Upper Assessment

Definition

The assessment of the patient's left upper abdomen on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_10 Abdomen Left Lower Assessment

Definition

The assessment of the patient's left lower abdomen on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_11 Abdomen Right Upper Assessment

Definition

The assessment of the patient's right upper abdomen on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_12 Abdomen Right Lower Assessment

Definition

The assessment of the patient's right lower abdomen on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_13 GU Assessment

Definition

The assessment of the patient's GU area on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_14 Back Cervical Assessment

Definition

The assessment of the patient's back-cervical on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_15 Back Thoracic Assessment

Definition

The assessment of the patient's back-thoracic on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_16 Back Lumbar/Sacral Assessment

Definition

The assessment of the patient's back-lumbar/sacral on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_17 Extremities-Right Upper Assessment

Definition

The assessment of the patient's right upper extremities on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_18 Extremities-Right Lower Assessment

Definition

The assessment of the patient's right lower extremities on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_19 Extremities-Left Upper Assessment

Definition

The assessment of the patient's left upper extremities on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_20 Extremities-Left Lower Assessment

Definition

The assessment of the patient's left lower extremities on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_21 Eyes-Left Assessment

Definition

The assessment of the patient's left eye on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_22 Eyes-Right Assessment

Definition

The assessment of the patient's right eye on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_23 Mental Status Assessment

Definition

The assessment of the patient's mental status on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E16_24 Neurological Assessment

Definition

The assessment of the patient's neurological status on examination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

NHTSA Injury Matrix has been merged into this section

E17_01 Protocols Used

Definition

The protocol used by EMS personnel to direct the clinical care of the patient

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E18_01 Date/Time Medication Administered****Definition**

The date/time medication administered to the patient

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E18_02 Medication Administered Prior to this Units EMS Care****Definition**

Indicates that the medication administration which is documented was administered prior to this EMS unit's care.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E18_03 Medication Given**

Definition

The medication given to the patient

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

RXNORM

Comments**E18_04 Medication Administered Route****Definition**

The route that the medication was administered to the patient.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

RXNORM

Comments**E18_05 Medication Dosage****Definition**

The dose or amount of medication given to the patient

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E18_06 Medication Dosage Units

Definition

The units of medication dosage given to patient

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

RXNORM

Comments

E18_07 Response to Medication

Definition

The patient's response to the medication.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E18_08 Medication Complication

Definition

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

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments**E18_09 Medication Crew Member ID****Definition**

The statewide assigned ID number of the EMS crew member giving the treatment to the patient

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E18_10 Medication Authorization****Definition**

The type of treatment authorization obtained

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E18_11 Medication Authorizing Physician****Definition**

The last name of the authorizing physician ordering the medication administration if the order was provided by any manner other than protocol (standing order) in E18.10

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E18_N01 Reason for No Aspirin Administration

Definition

The reason why Aspirin was not given for acute chest pain

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is being added to more accurately document Aspirin administration to chest pain patients

E19_01 Date/Time Procedure Performed Successfully

Definition

The date and time the procedure was performed on the patient

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E19_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 unit's care.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E19_03 Procedure

Definition

The procedure performed on the patient.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED and NAEMSP Out-of-Hospital Airway Management

Comments

Address CPR variations, BLS CPR assist devices, impedance threshold device, and therapeutic hypothermia. Clarify 12 lead ECG with and without electronic transmission. NAEMSP Airway elements 2, 3, 15, 19, 20, 21, 22, 23, 24

E19_04 Size of Procedure Equipment

Definition

The size of equipment used in the procedure on the patient

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E19_05 Number of Procedure Attempts****Definition**

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

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E19_06 Procedure Successful****Definition**

Indication of whether or not the procedure performed on the patient was successful

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments**E19_07 Procedure Complication**

Definition

Any complication associated with the performance of the procedure on the patient

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E19_08 Response to Procedure

Definition

The patient's response to the procedure

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E19_09 Procedure Crew Members ID

Definition

The statewide assigned ID number of the EMS crew member performing the procedure on the patient

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E19_10 Procedure Authorization

Definition

The type of procedure authorization obtained

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E19_11 Procedure Authorizing Physician

Definition

The last name of the authorizing physician ordering the procedure, if the order was provided by any manner other than protocol (standing order)

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E19_12 IV Site Location

Definition

The anatomic location of the IV attempt on the patient

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

Changed to allow documentation of each IV attempt.

E19_13 Tube Confirmation

Definition

Endotracheal Tube placement verification at the time the airway procedure was done

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E19_14 Destination Confirmation of Tube Placement

Definition

Endotracheal Tube location verification on the arrival at the Destination (if applicable)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E20_01 Destination/Transferred To, Name

Definition

The destination the patient was delivered or transferred to

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

AHA and CMS Certification Number

Comments

The Name of the Facility (need to discuss the need for healthcare facility address information)

E20_02 Destination/Transferred To, Code

Definition

The code of the destination the patient was delivered or transferred to, if present and available

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

AHA and CMS Certification Number

Comments

The healthcare facility ID

E20_03 Destination Street Address

Definition

The street address of the destination the patient was delivered or transferred to

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E20_04 Destination City

Definition

The city name of the destination the patient was delivered or transferred to

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E20_05 Destination State

Definition

The destination State in which the patient was delivered or transferred to

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E20_06 Destination County

Definition

The destination County in which the patient was delivered or transferred to

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E20_07 Destination Zip Code

Definition

The destination zip code in which the patient was delivered or transferred to

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

E20_08 Destination GPS Location

Definition

The destination GPS coordinates to which the patient was delivered or transferred to expressed in decimal degrees.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Decimal Degrees

Comments

Latitude and longitude are to be expressed in sequence, latitude before longitude separated by a comma (38.889722, -77.008889)

E20_09 Destination Zone Number

Definition

The zone number of the destination the patient was delivered or transferred to

Version 3 Transition Status

Retired

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is being retired in favor of geocoded information such as zip code, census tract, GPS coordinate, etc.

E20_10 Incident/Patient Disposition

Definition

Type of disposition treatment and/or transport of the patient.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E20_11 How Patient Was Moved to Ambulance

Definition

The method the patient was moved to the ambulance from the scene

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E20_12 Position of Patient During Transport

Definition

The position of the patient during transport from the scene

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E20_13 How Patient Was Transported From Ambulance

Definition

The method the patient was moved from the ambulance to the destination

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E20_14 Transport Mode from Scene

Definition

Indication whether or not lights and/or sirens were used on the vehicle while leaving scene

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Consider adding Lights and Sirens with Normal Driving Speed

E20_15 Condition of Patient at Destination**Definition**

The condition of the patient after care by EMS

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments**E20_16 Reason for Choosing Destination****Definition**

The reason the unit chose to deliver or transfer the patient to the destination

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Add better description of Specialty Centers and triage through Systems of Care (i.e. STEMI, Stroke, Trauma). Clarify when a patient is diverted from the nearest hospital to a specialty center (i.e. PCI capable hospital).

E20_17 Type of Destination

Definition

The type of destination the patient was delivered or transferred to

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

CMS Certification

Comments

CMS maintains a list of facility types associate with reimbursement. Also must consider Specialty Centers in Systems of Care such as STEMI, Stroke, and Trauma

E20_N01 Destination Country

Definition

The country of the destination

Version 3 Transition Status

New

HL7 Impact

Changed

Standard Harmonization

FIPS changed to ANSI and GNIS

Comments

Country is being inserted into all address information

E20_N02 Transport Method

Definition

The method of transport

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Add to better document method of transport (i.e. ground, air, etc.)

E20_N03 Destination Prearrival Activation Date/Time

Definition

The date and time the destination healthcare facility was activated/notified

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is being more clearly inserted for Systems of Care such as STEMI, Trauma, and Stroke.

E20_N04 Destination Prearrival Activation

Definition

Activation of the Destination Healthcare Facility prior to EMS arrival.

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This is being more clearly inserted for Systems of Care such as STEMI, Trauma, and Stroke.

E21_01 Event Date/Time

Definition

The time of the event recorded by the device's internal clock

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E21_02 Medical Device Event Name

Definition

The type of event documented by the medical device.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

E21_03 Waveform Graphic Type

Definition

The type of waveform file stored in Waveform Graphic (E21.4)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7 and Clinical LOINC

Comments

E21_04 Waveform Graphic

Definition

The graphic waveform file in a PDF or JPG format.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7 and Clinical LOINC

Comments

E21_05 AED, Pacing, or CO2 Mode

Definition

The mode of operation the device is operating in during the defibrillation, pacing, or rhythm analysis by the device (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E21_06 ECG Lead

Definition

The lead or source which the medical device used to obtain the rhythm (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E21_07 ECG Interpretation

Definition

The interpretation of the rhythm by the device (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E21_08 Type of Shock

Definition

The energy form used by the device for the defibrillation (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E21_09 Shock or Pacing Energy

Definition

The energy used for the shock or pacing event (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments**E21_10 Total Number of Shocks Delivered****Definition**

The number of times the patient was defibrillated, if the patient was defibrillated during the patient encounter.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments**E21_11 Pacing Rate****Definition**

The rate the device was calibrated to pace during the event, if appropriate.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments**E21_12 Device Heart Rate**

Definition

The heart rate electronically obtained by the device (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E21_13 Device Pulse Rate

Definition

The pulse rate as measured from the pulse oximeter, non-invasive pressure, or invasive pressure transducers (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E21_14 Device Systolic Blood Pressure

Definition

The Systolic Blood Pressure as measured either through non-invasive blood pressure, invasive blood pressure monitor 1, or invasive blood pressure monitor 2 (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E21_15 Device Diastolic Blood Pressure

Definition

The Diastolic Blood Pressure as measured either through non-invasive blood pressure, invasive blood pressure monitor 1, or invasive blood pressure monitor 2 (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E21_16 Device Respiratory Rate

Definition

The Respiratory Rate as calculated from the device through one of the various monitoring parameters (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E21_17 Device Pulse Oximetry

Definition

The Oxygen Saturation as measured from the pulse oximeter in % (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E21_18 Device CO2 or etCO2

Definition

The Carbon Dioxide or end-tidal Carbon Dioxide as measured from the device transducers (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E21_19 Device CO2, etCO2, or Invasive Pressure Monitor Units

Definition

The Units of Carbon Dioxide, end-tidal Carbon Dioxide, invasive pressure monitor 1, or invasive pressure monitor 2 as measured from the device transducers (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E21_20 Device Invasive Pressure Mean

Definition

The Invasive Pressure Mean as calculated either through the invasive pressure monitor 1 or the invasive pressure monitor 2 (if appropriate for the event)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

Clinical LOINC

Comments

E22_01 Emergency Department Disposition

Definition

The known disposition of the patient from the Emergency Department (ED)

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

HL7

Comments

E22_02 Hospital Disposition

Definition

Indication of how the patient was dispositioned from the hospital, if admitted.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

UHDDS04

Comments

E22_03 Law Enforcement/Crash Report Number

Definition

The unique number associated with the law enforcement or crash report which can be used for linkage at a later date.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E22_04 Trauma Registry ID

Definition

The unique number associated with the local or state trauma registry which can be used for linkage at a later date.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E22_05 Fire Incident Report Number

Definition

The unique number associated with the fire incident report which can be used for linkage at a later date.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E22_06 Patient ID Band/Tag Number

Definition

The unique number associated with a patient ID band agency. This is used by a few states as a universal linkage between healthcare data agencies.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E23_01 Review Requested

Definition

Indication of whether the form needs review by anyone.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

DRAFT

E23_02 Potential Registry Candidate

Definition

An indication if the patient may meet the entry criteria for a injury or illness specific registry

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E23_03 Personal Protective Equipment Used

Definition

The personal protective equipment which was used by EMS personnel during this EMS patient contact.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

Consider collecting this on each EMS crew member

E23_04 Suspected Intentional, or Unintentional Disaster

Definition

Suspicion of the listed multi-casualty or domestic terrorism causes.

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E23_05 Suspected Contact with Blood/Body Fluids of EMS Injury or Death

Definition

Indication of unprotected contact with blood or body fluids

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

Consider collecting this on each EMS crew member

E23_06 Type of Suspected Blood/Body Fluid Exposure, Injury, or Death

Definition

The type of exposure or unprotected contact with blood or body fluids

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

SNOWMED

Comments

E23_07 Personnel Exposed

Definition

The EMS personnel who was/were exposed to unprotected contact with blood or body fluids

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Consider collecting this on each EMS crew member

E23_08 Required Reportable Conditions

Definition

The presence of any condition which is reportable based on federal or state regulations.

Version 3 Transition Status

Changed

HL7 Impact

Changed

Standard Harmonization

CDC and HL7

Comments

E23_09 Research Survey Field

Definition

A customizable field to be used by local agencies for additional documentation or research.

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Requesting comments for better interface and implementation

E23_10 Who Generated this Report?

Definition

The statewide assigned ID number of the EMS crew member which completed this patient care report

Version 3 Transition Status

Unchanged

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

E23_11 Research Survey Field Title

Definition

A customizable field to be used by local agencies for additional documentation or research.

Version 3 Transition Status

Changed

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

Requesting comments for better interface and implementation

E23_N01 File Attachment Type

Definition

The type of file (pdf, jpeg, etc.) that is attached electronically to the patient care report

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This data element was added to allow electronic attachments to the patient care report

E23_N02 File Attachment

Definition

The file (pdf, jpeg, etc.) that is attached electronically to the patient care report

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This data element was added to allow electronic attachments to the patient care report

E23_N03 Signature Type

Definition

The individuals signature associated with the Signature Status.

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This data element is added to document if a signature has been collected and is on file. Types include Patient, Receiving Healthcare practitioner, EMS professional, Witness, Authorized signer, Patient, etc.

E23_N04 Signature Status

Definition

Indication that that a signature has been collected or attempted to be collected.

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

None Required

Comments

This data element is added to document if a signature has been collected and is on file. Choices are Received, Refused, Unable to Sign, Not Received, etc.

EN24_01 Indications for Invasive Airway

Definition

The clinical indication for performing invasive airway management

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

NAEMSP Out-Of-Hospital Airway Management

Comments

Choices include apnea, airway protection, poor ventilatory effort, airway injury, and potential for future airway compromise.

EN24_02 Date/Time Airway Device Placement Confirmation

Definition

The date and time the airway device placement was confirmed

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

NAEMSP Out-Of-Hospital Airway Management

Comments

EN24_03 Airway Device Being Confirmed

Definition

The airway device in which placement is being confirmed

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

NAEMSP Out-Of-Hospital Airway Management

Comments

Expanded to include all invasive airway devices

EN24_04 Airway Device Placement Confirmed Method(s)

Definition

The method or methods used to confirm the airway device placement

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

NAEMSP Out-Of-Hospital Airway Management

Comments

EN24_05 Individual Determining Airway Device Placement

Definition

The individual who performed the airway device place

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

NAEMSP Out-Of-Hospital Airway Management

Comments

EN24_06 Airway Complications Encountered

Definition

The airway management complications encountered during the patient care episode

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

NAEMSP Out-Of-Hospital Airway Management

Comments

EN24_07 Suspected Reasons for Failed Airway Procedure

Definition

The reason(s) the airway was unable to be successfully managed

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

NAEMSP Out-Of-Hospital Airway Management

Comments

EN24_08 Decision to Manage the Patient with an Invasive Airway Date/Time

Definition

The date and time the decision was made to manage the patient's airway with an invasive airway device.

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

NAEMSP Out-Of-Hospital Airway Management

Comments

EN24_09 Date/Time Successful Invasive Airway in Place

Definition

The date and time of the first successful invasive airway placement

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

NAEMSP Out-Of-Hospital Airway Management

Comments

EN24_10 Date/Time Invasive Airway Placement Attempts Abandoned

Definition

The date and time that the invasive airway attempts were abandoned

Version 3 Transition Status

New

HL7 Impact

Unchanged

Standard Harmonization

NAEMSP Out-Of-Hospital Airway Management

Comments