



Virginia Pre-Hospital Information Bridge  
(VPHIB)  
Data Element Dictionary

Rev. 4/13/2011

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**Purpose of this document:** This document provides a detailed list of Virginia’s minimum EMS dataset and quality requirements. The minimum dataset was officially adopted on February 6, 2010 by the State Board of Health as required. EMS data submission is mandated by the Code of Virginia § 32.1-116.1 and EMS regulations. All of the elements contained in this document are required to be submitted by all Virginia EMS Agencies. All EMS responses are required to be submitted to OEMS within 30 days in the format prescribed by OEMS. There are no exceptions to the minimum dataset made for any third party vendor software.

Agencies may submit above and beyond this minimum dataset if desired to collect further information on an agency, locality, or regional level. VPHIB will collect ALL NEMSIS data elements, all NISE Code elements, and “user defined elements” developed on the individual agency level. Pre-approval is not necessary. The various reporting tools available within VPHIB are capable of reporting any data collected by the agency. All data is viewable by the OEMS with the exception of “user defined elements.” OEMS will only consider the submission and quality of the minimum dataset as contained in this document for submission compliance matters.

**Reason for Revision:** This revision was produced to more clearly demonstrate which data elements are required to have some response noted when being uploaded from third party vendors or ImageTrend Service Bridge users. The technical information needed by developers was grouped for ease of use by reorganizing the page layout.

**Acknowledgement:** the [National EMS Information System](#) Technical Center is responsible for the development and maintenance of the NEMSIS dataset of which Virginia EMS dataset is “based.” This document is Commonwealth of Virginia specific and is the product of the VDH/OEMS and not NEMSIS or ImageTrend.

**How to Use This Document:** Using the first data element as an example, the following includes a description of what each category is meant to communicate:

**EMS AGENCY NUMBER** - This is the name of the data element

**D01\_01** – This is the data element number as assigned by NEMSIS or ImageTrend. The elements begin with either D, E, or IT. Elements that start with “D” are demographic items that typical only need to be submitted during initial setup and then as needed. “D” items include agency name, stations, staff etc. The “E” elements are the elements collected with each EMS response. The “IT” elements are elements created by ImageTrend Inc. using the NEMSIS research structure. Virginia utilizes 11 “IT” elements that were already in use in other states.

**Required to be reported in VA** – Notes whether the element is a mandatory element. All elements in this document are mandatory. Optional elements can be found on the NEMSIS website located on-line at <http://www.nemsis.org/softwareDevelopers/downloads/datasetDictionaries.html>.

**National Element – Yes/No** – This is an informational item only and notes whether the element will be reported to the national EMS database by the OEMS.

**Definition** – This is the data definition which describes what the element is collecting. The definition is determined nationally and nomenclature changes may be made for recognition within the Virginia system.

**Field Values** – This section describes whether a list or a unique value is required. A list would be a group of predetermined items that can be selected (contents of a drop down box) and a unique value could be the agency five digit number. Elements that require “text” responses will be blank.

Important: items that are struck through (~~-15 Not Reporting~~) are items that are not accepted within the Virginia data set and are typically null values. Further restrictions will be placed on other null values as driven by the quality a data submission experienced by the OEMS. NEMSIS is also considering a significant reduction in the availability of null values in its next version. Over use of null values and poor data mapping by vendor software has contributed to these considerations.

**Additional Information** – this section provides additional guidance specific to the data element. Examples include hints to IT staff where this element can be filled in automatically from, such as age from the data of birth and so on.

**Uses** – This item describes how NEMSIS recommends the element be used. The State and agencies are likely to expand far beyond this description.

**Data Collector** – this describes who will collect the specific element. Typically the EMS provider collects the element, but may also include the element being generated by the OEMS or auto generated by the software.

**Other Associated Elements** – Describes what other data elements within the minimum dataset that this element may relate to. Only items in the minimum dataset have been included.

**Validation Rules** - Developed by OEMS to assist agencies in knowing when the specific data element is required to be reported. For example, reason for choosing destination is only required when the disposition of the EMS response is treated and transported. Validity is not achieved solely by technology, it also requires proper documentation and reinforcement based upon review of the data.

**Quality Measure** – This assigns a percentage that records being submitted must contain the appropriate response as described in the validity. For example 100% of records must contain an agency name/number in order for the record to be filed under the appropriate agency. Most data elements require a response 95% of the time that the validity rule applies. This does not mean if the scenario is “not applicable” that n/a cannot be chosen. 95% response is chosen because in order for a data element to be valid it must have a confidence level of +/- 5% or answered at least 95% of the time. Some elements cannot be assigned a number and most of these are marked as cannot have zero responses or n/a. These elements are still required to be reported, but the % of responses cannot be pre-determined.

**Technical Info** – The section that follows this heading is intended to assist third party vendors, developers, and ImageTrend Service Bridge users with creating and submitting a successful file into the VPHIB system.

**Data** – This section defines how the specific data element is collected. The formats include text, combo (single or multiple), Date, or number.

**Required to be reported in VA** – Item states whether the data element is required to be reported by Virginia EMS agencies (ALL elements in this document are required as noted.) When “Yes/Demographic” is noted the element is not required with each response. Demographic elements can be maintained via State Bridge administrators’ access or by submitting a demographic XSD (file submitted from 3<sup>rd</sup> party vendors/ImageTrend Service Bridge).

**XSD Data Type** – This item describes the format that the data element is imported/exported in i.e. xs:string,

xs:integer, xs: numeric etc.

**XSD Domain (Simple Type)** - This provides a description of the category that the data element is in i.e. *EMSAgencyNumber*

**Required in VA Specific XSD** – Elements marked as “Yes” must have some response in an uploaded file to pass testing for upload. Items marked as “No” may have a missing datum and still be able to pass testing for upload. **Items marked as “No” are still mandatory data elements and must be submitted. This document does not contain any “Optional” data elements.**

**Accepts Null Values** - Denotes whether the data element can be completed using null values (i.e. 0, n/a, unknown etc.) by the user or if a response is required.

**Minimum Constraint and Maximum Constraint** – describes the minimum and maximum number of characters allowed for the data element. For example an agency name must be between 2 and 50 characters.

**References to Other Databases** – The item comments on where the specific element may intersect with another database. Currently NEMESIS references NFIRS. Additional linkages will be added as the database matures.

**Multiple Entry Configuration** – Describes whether the user can choose a single response is allowed to choose multiple selections i.e. agency number would be single and past medical history would allow multiple choices.

# EMS AGENCY NUMBER

D01\_01

**Required to be reported in VA – Yes/Demographic**  
**National Element - Yes**

## Definition

The five digit OEMS assigned agency number of the EMS agency

## Field Values

A unique value; no variable list is possible.

## Additional Information

- All EMS Agency demographic information is associated with the EMS agency number
- Not Nullable. A unique value must be provided to create a unique record ID within a database
- The same as EMS Agency Number (E02\_01). This could be used to auto fill E02\_01 on the Patient Care Report
- This data element is unique to the EMS agency

## Uses

- Agency number (E02\_01), agency state (D01\_03), and unit call sign (E02\_12).

## Data Collector

- Generated by the OEMS and maintained by agency VPHIB administrator.

## Other Associated Elements

D01\_01 EMS Agency Number

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [text]

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *EMSAgencyNumber*

**Required in VA Specific XSD – Yes/Demographic**

**Accepts Null Values** **No**

**Minimum Constraint:** 3

**Maximum Constraint:** 15

**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: Offices

Stored in Field: PA\_Agency\_ID

## References to Other Databases

- VSTR – Agency Code
- NFIRS 5.0 - EMS Module; Title: Patient Number

## EMS AGENCY NAME

D01\_02

**Required to be reported in VA – Yes**  
**National Element – No**

### Definition

The formal name of the EMS agency as noted in its OEMS license

### Field Values

A unique value; no variable list is possible.

### Uses

- Component of the EMS Agency Contact information
- Used to personalize reports associated with the EMS Agency

### Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

### Other Associated Elements

D01\_01 EMS Agency Number

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

### Technical Info:

**Data** [text]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *EMSAgencyName*

**Required in VA Specific XSD – No/Demographic**

**Accepts Null Values** **No**

**Minimum Constraint:** 2 **Maximum Constraint:** 50

**Multiple Entry Configuration:** No

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: Offices

Stored in Field: PA\_Name

### References to Other Databases

- VSTR – Agency Name
- NFIRS 5.0 - EMS Module; Title: Patient Number

## Required to be reported in VA – Yes National Element – Yes

### Definition

The state in which the Agency provides services

### Field Values

- Appropriate 2 digit FIPS code

### Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Not Nullable. A unique value must be provided to create a unique record ID within a database

### Uses

- Agency number (E02\_01), agency state (D01\_03), and unit call sign (E02\_12).

### Data Collector

- EMS Agency and typically only documented once, then verified and if changed

### Other Associated Elements

D01\_01 EMS Agency Number

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

### Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *AgencyState*

**Required in VA Specific XSD – Yes/Demographic**

**Accepts Null Values** **No**

**Minimum Constraint:** 2 **Maximum Constraint:** 2

**Multiple Entry Configuration:** Yes

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: Offices

Stored in Field: PA\_StateFIPS

### References to Other Databases

- VSTR – trauma registry
- TREDs – DMV crash data
- VHI – hospital discharge data
- NFIRS 5.0 – fire reporting data

# EMS AGENCY CITY/COUNTY

D01\_04

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

- Appropriate 5 digit FIPS code

## Additional Information

- Stored as a 5 digit FIPS code (combining the state and county code) to take into account agencies may serve more than one state and counties are often named the same from state to state

## Uses

- Used to group data with a state

## Data Collector

- EMS Agency and typically only documented once then verified, and updated yearly or when changed

## Other Associated Elements

D01\_01 EMS Agency Number

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *AgencyCounty*

**Required in VA Specific XSD – Yes/Demographic**

**Accepts Null Values** **No**

**Minimum Constraint:** 5

**Maximum Constraint:** 5

**Multiple Entry Configuration:** Yes

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: Offices

Stored in Field: PA\_CountyFIPS

## References to Other Databases

- VSTR – trauma registry
- TREDs – DMV crash data
- VHI – hospital discharge data
- NFIRS 5.0 – fire reporting data

# ORGANIZATIONAL TYPE

D01\_08

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

<b>5810</b> Community, Non-Profit	<b>5820</b> Fire Department
<b>5830</b> Governmental, Non-Fire	<b>5840</b> Hospital
<b>5850</b> Private, Non-Hospital	<b>5860</b> Tribal

## Uses

- Allows data to be sorted based on an agency's organizational structure
- Provides description of EMS agencies across the nation

## Data Collector

- EMS Agency and typically only documented once then verified and if changed

## Other Associated Elements

D01\_01 EMS Agency Number

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *OrganizationalType*

**Required in VA Specific XSD – Yes/Demographic** **Accepts Null Values** **No**

**Multiple Entry Configuration** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_ConfigInfo

Stored in Field: OrganizationalType

# ORGANIZATION STATUS

D01\_09

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

5870 Mixed

5880 Non-Volunteer

5890 Volunteer

**Validation Rules** maintained as demographic data

**Quality Measure** 100%

## Uses

- Allows data to be sorted based on an agency's organizational status
- Provides description of EMS agencies across the nation

## Data Collector

- EMS Agency and typically only documented once then verified and updated if changed

## Other Associated Elements

D01\_01 EMS Agency Number

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *OrganizationStatus*

**Required in VA Specific XSD – Yes/Demographic**

**Accepts Null Values** **No**

**Multiple Entry Configuration** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_ConfigInfo

Stored in Field: OrganizationalStatus

# NATIONAL PROVIDER IDENTIFIER

D01\_21

## Required to be reported in VA – Yes National Element – Yes

### Definition

The National Provider Identifier associated with National Provider System (NPS) and used in all standard HIPAA transactions such as electronic claim filing. (Agencies that do not bill are not likely to have a National Provider Identifier)

### Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	

### Additional Information

- The National Provider Identifier is associated with the EMS agency number

### Uses

- Important for HIPAA related transactions such as electronic claims processing

### Data Collector

- Generated by the National Provider System within the United States Department of Health and Human Services. Maintained by the EMS agency or auto-generated by the EMS agency specific software.

### Other Associated Elements

**Validation Rules:** maintained as demographic data if applicable

**Quality Measure:** 100%

### Technical Info:

**Data** [text]

**Required to be reported in VA – Yes/Demographic**

<b>XSD Data Type</b>	<i>xs:string</i>	<b>XSD Domain (Simple Type)</b>	<i>NationalProviderIdentifier</i>
<b>Required in VA Specific XSD – Yes/Demographic</b>		<b>Accepts Null Values</b>	<b>Yes</b>
<b>Minimum Constraint:</b>	<b>3</b>	<b>Maximum Constraint:</b>	<b>10</b>
		<b>Multiple Entry Configuration:</b>	<b>No</b>

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: offices

Stored in Field: NationalProviderID

# AGENCY CONTACT EMAIL ADDRESS

D02\_10

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The primary email address of the Agency contact.

## Field Values

A unique value; no variable list is possible.

- 20 Not Recorded
- 10 Not Known

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available

## Uses

- Component of the EMS Agency Contact Information/Address

## Data Collector

- EMS Agency; needs to be updated if person responsible for data submission to the OEMS changes

## Other Associated Elements

D01\_01 EMS Agency Number

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *EmailAddress*

**Required in VA Specific XSD – No/Demographic**

**Accepts Null Values** Yes

**Minimum Constraint:** 2

**Maximum Constraint:** 100

**Multiple Entry Configuration**

No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: Performers

Stored in Field: PE\_EmailName

# PROCEDURES

D04\_04

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

A list of all procedures performed

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *DemographicProcedure*

**Multiple Entry Configuration** Yes, via structure

**Accepts Null Values** No

**Required in VA-XSD** No

**Minimum Constraint:** 0 **Maximum Constraint:** 1,000

## Field Values

6130	12 Lead ECG	6150	Airway - Change Tracheostomy Tube
6160	Airway - Cleared, Opened, or Heimlich	6170	Airway - Combitube
6180	Airway - CPAP	6260	Airway - Cricothyrotomy-Needle
6330	Airway - Cricothyrotomy-Surgical	6195	Airway - ECO2 Monitoring
6280	Airway - Endotracheal Intubation	6200	Airway - Intubation Confirm CO2
6210	Airway - Intubation Confirm Esophageal Detector Device/Bulb (EDD)	154034	Airway - King LT
6225	Airway - Magill Forceps	6530	Airway - Nasogastric Tube
6230	Airway - Nasopharyngeal	6240	Airway - Nasotracheal Intubation
6250	Airway - Nebulizer Treatment	6270	Airway - Oropharyngeal
6140	Airway - Positive Pressure Ventilation	6300	Airway - Rapid Sequence Induction
154022	Assessment Adult	6320	Airway - Suctioning
6340	Airway - Ventilator	6370	Blood Glucose Analysis
6760	Burn Care	6380	Capnography
6390	Cardiac Monitor	154024	Cardiac Pacing-Transvenous
6400	Cardioversion (Synchronized)	6420	Chest Decompression
6430	Childbirth	6800	Cold Pack
6460	CPR - Cardiopulmonary Resuscitation	154001	CPR by Automated Device
154025	Decontamination	6480	Defibrillation - Automated (AED)
6490	Defibrillation - Manual	6470	Defibrillation - Placement for Monitoring/Analysis
6500	External Cardiac Pacing	154046	External Cooling
6510	Extrication	154045	Hold CPR
6810	Hot Pack	6820	Isolation Procedures
154027	Orthostatic Blood Pressure Measurement	6830	Other
154028	Pain Measurement	6550	Rescue
6560	Restraints-Pharmacological	6570	Restraints - Physical
6580	Spinal Immobilization	6770	Spinal Immobilization - Cervical Collar

<b>6581</b>	Spinal Immobilization - K.E.D.	<b>6582</b>	Spinal Immobilization - Long Back Board
<b>154000</b>	Spinal Immobilization - Standing Take-Down	<b>6590</b>	Splinting
<b>6600</b>	Splinting-Traction	<b>154047</b>	SROC
<b>154030</b>	Temperature Measurement	<b>6860</b>	Valsalva Maneuver
<b>6620</b>	Venous Access-Blood Draw	<b>154017</b>	Venous Access-Discontinue
<b>6630</b>	Venous Access-Existing Catheter/IV Monitoring	<b>6650</b>	Venous Access-External Jugular Line
<b>6640</b>	Venous Access-Extremity	<b>6670</b>	Venous Access-Intraosseous Adult
<b>6680</b>	Venous Access-Intraosseous Pediatric	<b>6690</b>	Venous Access-Maintain Central Line
<b>6710</b>	Wound Care	<b>6712</b>	Wound Care - Pressure Dressing

### Additional Information

- Used to create a list box for Procedure (E19\_03)

### Uses

- Allows data to be sorted based on an agency's Procedure capabilities
- Provides descriptive information when combined with an EMS Agency's Billing Status
- Used to create a list box for Response to Procedure (E19\_08)

### Data Collector

- Set by OEMS and updated as needed

### Other Associated Elements

E19 Procedures

### References in NHTSA Version 1

Desirable Element 58 Time of First CPR  
Desirable Element 63 Time of First Defibrillatory Shock  
Essential Element 78 Procedure or Treatment Name

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionProcedure

Stored in Field: ProcedureID

### References to Other Databases

- NFIRS 5.0 EMS Module, Title: Procedures Used, Multi Select List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instruction = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN

# MEDICATIONS LIST

D04\_06

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

A list of all medications the State has implemented and available for use. Additional medications to can be added to the list and should be requested via the OEMS VPHIB Coordinator.

## Field Values

-25	Not Applicable	61	Adenosine
31	Albuterol Sulfate	65	Amiodarone (Cordarone)
4	Amyl Nitrate	81	Aspirin (ASA)
21	Atropine Sulfate	60	Atrovent (Ipratropium Bromide)
8	Bumetanide (Bumex)	161	Calcium Chloride
156022	Cetacaine Spray	156123	Clonidine (Catapres)
156010	D5W (Dextrose 5% in Water)	156003	Dextrose 10% (D10)
156009	Dextrose 12.5%	156002	Dextrose 25% (D25)
171	Dextrose 50% (D50)	121	Diazepam (Valium)
436	Diltiazem (Cardizem)	11	Diphenhydramine (Benadryl)
16	Dopamine	142	Droperidol (Inapsine)
156013	DuoNeb (0.5 Atrovent/3.0 Albuterol)	418	Epi-Pen Adult
419	Epi-Pen Junior	441	Epinephrine 1:10,000
440	Epinephrine 1:1000	141	Etomidate
325	Fentanyl	413	Flumazenil (Romazicon)
132	Furosemide (Lasix)	231	Glucagon
156023	Glucose (Oral)	414	Haloperidol (Haldol)
437	Hurricane Spray	409	Hydromorphone (Dilaudid)
156122	Hydroxyxobalamine	38	Ketorolac (Toradol)
156011	Lactated Ringers	156008	Levalbuterol HCL (Xopenex)
63	Lidocaine	24	Lorazepam (Ativan)
131	Magnesium Sulfate	416	Mark 1 Kit
27	Meperidine (Demerol)	28	Metaproterenol (Alupent)
156082	Methylene Blue 1%	222	Methylprednisolone (Solu-Medrol)
350	Metoprolol (Lopressor)	122	Midazolam (Versed)
92	Morphine Sulphate	101	Naloxone (Narcan)
33	Nidedipine (Adalat, Procardia)	72	Nitroglycerin
143	Nirtonox (Nitrous Oxide)	68	Nitroprusside
404	Normal Saline	156031	Normal Saline (Respiratory Use)
425	Ondansetron (Zofran)	428	Other Autonomic Nervous System Drug
426	Other Cardiac Drug	427	Other CNS Drug
429	Other Respiratory Drug	910	Oxygen
9398	Oxygen (non-rebreather mask)	12360	Oxygen by Blow By
9397	Oxygen by Mask	9396	Oxygen by Nasal Cannula

438	Oxygen by Nebulizer	439	Oxygen by Positive Pressure Device
411	Oxytocin (Pitocin)	156019	Pralidoxime (2-PAM, Systemic)
415	Prochlorperazine (Compazine)	403	Promethazine HCL (Phenergan)
521	Proparacaine (Alcaine)	402	Racemic Epinephrine
151	Sodium bicarbonate	156020	Sodium Nitrate (Cyanide Kit)
156021	Sodium Thiosulfate (Cyanide Kit)	41	Succinylcholine (Anectine)
32	Terbutaline (Brethine)	156007	Tetracaine
39	Thiamine	156035	Thiopental Sodium (Pentothal)
401	Vasopressin	400	Vecuronium (Norcuron)
156048	Ziprasidone (Geodon)		

### Additional Information

- Third party vendors that choose to utilize an xs:string variable must match the text field exactly for proper submission
- The Drug List may contain any generic or trade name of a drug approved by the FDA and administered by EMS.
- Used to create a list box for Medication Given (E18\_03) and Prior Aid (E09\_01)

### Uses

- Allows data to be sorted based on an agency's Medication capabilities
- Could be used to create a list box for Medication Given (E18\_03) and Prior Aid (E09\_01)
- Provides descriptive information when combined with an EMS Agency's Billing Status

### Data Collector

- Set by OEMS and updated as needed

### Other Associated Elements

E018\_03 Medication Given

### Technical Info:

**Data** [combo] multiple-choice (recommended) OR [text] multiple-entry

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:integer* OR *xs:string* **XSD Domain (Simple Type)** *DemographicMedicationsGiven*

**Required in VA Specific XSD – No/Demographic**

**Accepts Null Values** **No**

**Minimum Constraint:** 2

**Maximum Constraint:** 30

**Multiple Entry Configuration**

Yes, via

structure XSD Structure: D04\_06 and D04\_07 are members of D04\_06\_0 Demographic Medication Structure

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionMedication

Stored in Field: MedicationGiven

### References in NHTSA Version 1

Essential Element 80 Medication Name

### References to Other Databases

- NFIRS 5.0 EMS Module, Title: Procedures Used, Multi Select List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instruction = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN

# STATION NAME

D05\_01

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

Name of the agency's station as determined by the agency i.e. "station 1"

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple Entry Configuration for D05\_01 through D05\_08

## Uses

- Allows data to be sorted based on an agency's Station Name
- Component of the EMS Agency's Station Address

## Data Collector

- EMS Agency and typically only documented once then verified and updated if changed

## Other Associated Elements

D01_01	EMS Agency Number	D05_02	Station Number
D05_04	Station GPS	D05_05	Station Address
D05_06	Station City	D05_07	Station State
D05_08	Station Zip		

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *StationName*

**Required in VA Specific XSD – No/Demographic**

**Accepts Null Values**      **No**

**Minimum Constraint: 2**      **Maximum Constraint: 50**      **Multiple Entry Configuration**      Yes, via structure XSD Structure: Data Elements D05\_01 through D05\_08 are all within the Agency Information Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_StationInfo

Stored in Field: StationName

# STATION NUMBER

D05\_02

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

ID number of the agency's station as determined by the agency

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Uses

- Allows data to be sorted based on an agency's Station Number

## Data Collector

- EMS Agency and typically only documented once then verified and updated if changed

## Other Associated Elements

D01\_01 EMS Agency Number

D05\_04 Station GPS

D05\_06 Station City

D05\_08 Station Zip

D05\_01 Station Name

D05\_05 Station Address

D05\_07 Station State

E00 Common Null Values

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *StationNumber*

**Required in VA Specific XSD – No/Demographic**

**Accepts Null Values** **Yes**

**Minimum Constraint: 2** **Maximum Constraint: 50** **Multiple Entry Configuration** Yes, via structure  
XSD Structure: Data Elements D05\_01 through D05\_08 are all within the Agency Information Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_StationInfo

Stored in Field: StationNumber

# STATION GPS

D05\_04

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The GPS coordinate for the agency's station

## Field Values

A unique value; no variable list is possible.

## Uses

- Allows data to be sorted based on an agency's Station GPS and data reporting by GIS systems

## Data Collector

- EMS Agency and typically only documented once then verified and updated if changed

## Other Associated Elements

D01_01	EMS Agency Number	D05_01	Station Name
D05_02	Station Number	D05_05	Station Address
D05_06	Station City	D05_07	Station State
D05_08	Station Zip		

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:decimal* **XSD Domain (Simple Type)** *GPSLocation*

**Required in VA Specific XSD – Yes/Demographic** **Accepts Null Values** **No**

**Multiple Entry Configuration** Yes, via structure

XSD Structure: Data Elements D05\_01 through D05\_08 are all within the Agency Information Structure

XSD Attributes: Latitude and Longitude are each included as attributes

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_StationInfo

Stored in Field: GPSLocation

# STATION ADDRESS

D05\_05

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

Address of the agency's station

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Uses

- Component of the EMS Agency's Station Address

## Data Collector

- EMS Agency and typically only documented once then verified and updated if changed

## Other Associated Elements

D01\_01 EMS Agency Number

D05\_02 Station Number

D05\_06 Station City

D05\_08 Station Zip

D05\_01 Station Name

D05\_04 Station GPS

D05\_07 Station State

E00 Common Null Values

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *StreetAddress*

**Multiple Entry Configuration** Yes, via structure **Accepts Null Values** Yes

**Required in VA-XSD** Yes/Demographic **Minimum Constraint** 2 **Maximum Constraint** 30

XSD Structure:

(1) Data Elements D05\_01 through D05\_08 are all within the Agency Information Structure.

(2) Data Elements D05\_05, D05\_06, D05\_07, and D05\_08 are all members of D05\_05 Station Address Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_StationInfo

Stored in Field: StreetAddress StreetAddress

# STATION CITY/COUNTY

D05\_06

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

City or county name that the station is located

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Additional Information

- 5 digit FIPS code
- Could be filled in from Station Zip Code entry (D05\_08)

## Uses

- Component of the EMS Agency's Station Address

## Data Collector

- EMS Agency and typically only documented once then verified and updated if changed

## Other Associated Elements

D01\_01 EMS Agency Number

D05\_02 Station Number

D05\_05 Station Address

D05\_08 Station Zip

D05\_01 Station Name

D05\_04 Station GPS

D05\_07 Station State

E00 Common Null Values

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *City*

**Required in VA Specific XSD – Yes/Demographic** **Accepts Null Values** **Yes**

**Minimum Constraint: 2** **Maximum Constraint: 30** **Multiple Entry Configuration:** Yes, via structure

XSD Structure:

(1) Data Elements D05\_01 through D05\_08 are all within the Agency Information Structure.

(2) Data Elements D05\_05, D05\_06, D05\_07, and D05\_08 are all members of D05\_05 Station Address Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_StationInfo

Stored in Field: CityFIPS

# STATION STATE

D05\_07

## Required to be reported in VA – Yes National Element - Yes

### Definition

State of the agency's station

### Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

### Additional Information

- 2 digit FIPS numeric code (Not State abbreviation)
- Could be filled in from Station Zip Code entry (D05\_08)

### Uses

- Component of the EMS Agency's Station Address

### Data Collector

- EMS Agency and typically only documented once then verified and updated if changed

### Other Associated Elements

D01\_01 EMS Agency Number

D05\_02 Station Number

D05\_05 Station Address

D05\_08 Station Zip

D05\_01 Station Name

D05\_04 Station GPS

D05\_06 Station City

E00 Common Null Values

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

### Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *State*

**Required in VA Specific XSD – Yes/Demographic**

**Accepts Null Values** Yes

**Minimum Constraint:** 2

**Maximum Constraint:** 3

**Multiple Entry Configuration**

Yes, via

Structure XSD Structure:

(1) Data Elements D05\_01 through D05\_08 are all within the Agency Information Structure.

(2) Data Elements D05\_05, D05\_06, D05\_07, and D05\_08 are all members of D05\_05 Station Address Structure

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_StationInfo

Stored in Field: StateFIPS

# STATION ZIP

D05\_08

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

ZIP Code of the agency's station

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Can be 5 or 9 digit Zip Code

## Uses

- Component of the EMS Agency's Station Address

## Data Collector

- EMS Agency and typically only documented once then verified and updated if changed

## Other Associated Elements

D01_01	EMS Agency Number	D05_01	Station Name
D05_02	Station Number	D05_04	Station GPS
D05_05	Station Address	D05_06	Station City
D05_07	Station State		

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *DemographicZip*

**Required in VA Specific XSD – Yes/Demographic**      **Accepts Null Values**      **No**

**Minimum Constraint: 5**      **Maximum Constraint: 10**      **Multiple Entry Configuration:** Yes, via structure

XSD Structure:

(1) Data Elements D05\_01 through D05\_08 are all within the Agency Information Structure.

(2) Data Elements D05\_05, D05\_06, D05\_07, and D05\_08 are all members of D05\_05 Station Address Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_StationInfo

Stored in Field: PostalCode

# UNIT/VEHICLE NUMBER

D06\_01

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

The unique ID number of the unit which is specific for each vehicle; typically the VIN associated with the vehicle

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Multiple Entry Configuration for D06\_01, D06\_03, and D06\_07

## Uses

- Allows data to be sorted based on an agency's Unit Number
- Provides geographic descriptive data on EMS agencies
- Used to create a list box for EMS Unit/Vehicle Number (E02\_11)

## Data Collector

• EMS Agency and typically only documented once when vehicle is put in service at the agency. Vehicle permanently put out of service should be inactivated and not deleted

## Other Associated Elements

D01\_01 EMS Agency Number

D06\_03 Vehicle Type

**Validation Rules:** maintained as demographic data

**Quality Measure:** 95%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *VehicleNumber*

**Required in VA Specific XSD – No/Demographic**

**Accepts Null Values** **No**

**Minimum Constraint:** 2

**Maximum Constraint:** 50

**Multiple Entry Configuration:** Yes, via structure

Structure:

(1) Data Elements D06\_01, D06\_03, and D06\_07 are all within the Vehicle Information Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_Vehicles

Stored in Field: UnitNumber

# VEHICLE TYPE

D06\_03

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

- |  |  |
|--|--|
| <b>7370</b> Ambulance                                  | <b>7380</b> ATV  |
| <b>7390</b> Bicycle                                    | <b>7400</b> Boat   |
| <b>7410</b> Fire Truck                                 | <b>7420</b> Fixed Wing   |
| <b>7430</b> Motorcycle                                 | <b>7440</b> Other  |
| <b>7450</b> Private Vehicle                            | <b>7460</b> Quick Response Vehicle (Non-Transport Vehicle other than Fire Truck) |
| <b>7470</b> Rescue (extrication/specialty rescue unit) | <b>7480</b> Helicopter/Rotor Craft   |

## Uses

- Allows data to be sorted based on the Vehicle Type

## Data Collector

- EMS Agency and typically only documented once then verified and updated if changed

## Other Associated Elements

<b>D01_01</b> EMS Agency Number	<b>D06_01</b> Unit/Vehicle Number
---------------------------------	-----------------------------------

**Validation Rules:** maintained as demographic data

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes/Demographic**

<b>XSD Data Type</b> <i>xs:integer</i>	<b>XSD Domain (Simple Type)</b> <i>VehicleType</i>	
<b>Required in VA Specific XSD – No/Demographic</b>	<b>Accepts Null Values</b>	<b>No</b>
<b>Multiple Entry Configuration</b>	Yes, via structure	

XSD Structure:

(1) Data Elements D06\_01, D06\_03, and D06\_07 are all within the Vehicle Information Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_Vehicles

Stored in Field: VehicleType

# VEHICLE MODEL YEAR

D06\_07

**Required to be reported in VA – Yes**  
**National Element - No**

## 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.

## Field Values

A unique value; no variable list is possible.

## Additional Information

- Format [YYYY]

## Uses

- Provides description of EMS agencies and resources

## Data Collector

- EMS Agency and typically only documented once then verified and updated if changed

## Other Associated Elements

**D01\_01** EMS Agency Number

**D06\_01** Unit/Vehicle Number

**Validation Rules:** maintained as demographic data

**Quality Measure:** 95%

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes/Demographic**

<b>XSD Data Type</b>	<i>xs:gYear</i>	<b>XSD Domain (Simple Type)</b>	<i>VehicleYear</i>
<b>Required in VA Specific XSD – No/Demographic</b>		<b>Accepts Null Values</b>	<b>No</b>
<b>Minimum Constraint: 1,900</b>	<b>Maximum Constraint: 2,030</b>	<b>Multiple Entry Configuration</b>	Yes, via

structure  
XSD Structure:  
(1) Data Elements D06\_01, D06\_03, and D06\_07 are all within the Vehicle Information Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: AGC\_Vehicles

Stored in Field: ModelYear

# STATE/LICENSURE ID NUMBER

D07\_02

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

The OEMS assigned (not national registry or agency) EMS certification number assigned to each crew member.

## Field Values

A unique value; no variable list is possible.

## Additional Information

- This could be used to configure a list box which will display all of the values of an EMS Personnel's Name recorded in D08\_01 through D08\_03

## Uses

- Allows data to be sorted or grouped based on an Individual's State ID
  - Used to create a list box for Crew Member ID (E04\_01), and Crew Member ID (E18\_09),

## Data Collector

- EMS Agency and typically only documented once then verified and updated if changed.

## Other Associated Elements

D01_01	EMS Agency Number	D08_01	EMS Personnel's Last Name
--------	-------------------	--------	---------------------------

**Validation Rules:** maintained as demographic data

**Quality Measure:** 100%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string*                      **XSD Domain (Simple Type)** *StateLicensureID*

**Required in VA Specific XSD – Yes/Demographic**

**Accepts Null Values**      **No**

**Minimum Constraint:** 2

**Maximum Constraint:** 15

**Multiple Entry Configuration:** Yes, via structure

XSD Structure:

(1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure.

(2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure.

**Note:** third party vendor software can be used to add additional staff members, but deletions will need to be done via State Bridge.

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: Performers

Stored in Field: LicensureID

# PERSONNEL'S LEVEL OF CERTIFICATION/LICENSURE FOR AGENCY D07\_05

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

This is the level of certification that the provider is allowed to function at for the agency. (i.e. may be certified by OEMS as a paramedic but only allowed to operate as a driver or EMT)

## Field Values

<b>6090</b> EMT-Basic	<b>6100</b> EMT-Intermediate
<b>6110</b> EMT-Paramedic	<b>6111</b> Nurse
<b>6112</b> Physician	<b>6120</b> First Responder
<b>446005</b> EMT-Enhanced (other not accepted)	<b>446005</b> Driver/Operator (other not accepted)

## Additional Information

### Uses

- Allows data to be sorted or grouped based on an Individual's Credentialed Level
- Provides description of EMS agencies and resources

### Data Collector

- EMS Agency and typically only documented once then verified and updated if changed

### Other Associated Elements

**D01\_01** EMS Agency Number  
**D07\_02** State/Licensure ID Number

**Validation Rules:** maintained as demographic data

**Quality Measure:** 95%

### Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type:** *xs:string/integer*    **XSD Domain (Simple Type)** *DemographicStateCertificationLicensureLevels*

**Required in VA Specific XSD – No/Demographic**

**Accepts Null Values**    **No**

**Minimum Constraint:** 2

**Maximum Constraint:** 30

**Multiple Entry Configuration:** Yes, for

Structures 1 and 3

XSD Structure:

- (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure.
- (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure.
- (3) D07\_05 is a member of D07\_05 Level of Certification Structure

**Note:** third party vendor software can be used to add additional staff members, but deletions will need to be done via State Bridge.

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: Performers

Stored in Field: CrewMemberLevel

# EMS PERSONNEL'S LAST NAME

D08\_01

**Required to be reported in VA – Yes**

**National Element – No**

## Definition

Last name of EMS personnel

## Field Values

A unique value; no variable list is possible.

## Uses

- Component of the EMS Personnel’s Contact Information/ Address
- Used to personalize reports associated with the EMS Personnel

## Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

## Other Associated Elements

**D01\_01** EMS Agency Number

**D07\_02** State/Licensure ID Number

**Validation Rules** maintained as demographic data

**Quality Measure** 95%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *DemographicLastName*

**Required in VA Specific XSD – No/Demographic**

**Accepts Null Values**      **No**

**Minimum Constraint: 2**      **Maximum Constraint: 20**

**Multiple Entry Configuration:** Yes, via structure 2

XSD Structure:

- (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure.
- (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure.
- (3) D08\_01, D08\_02, and D08\_02 are members of D08\_01\_0 Personnel Name Structure

**Note:** third party vendor software can be used to add additional staff members, but deletions will need to be done via State Bridge.

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: Performers

Stored in Field: PE\_LastName

# EMS PERSONNEL'S FIRST NAME

D08\_03

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

First name of EMS personnel

## Field Values

A unique value; no variable list is possible.

-20 Not Recorded

-10 Not Known

-25 Not Applicable

-15 Not Reporting

-5 Not Available

## Uses

- Component of the EMS Personnel's Contact Information/ Address
- Used to personalize reports associated with the EMS Personnel

## Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

## Other Associated Elements

D01\_01 EMS Agency Number

D08\_01 EMS Personnel's Last Name

D07\_02 State/Licensure ID Number

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *MiddleInitialName*

**Required in VA Specific XSD – No/Demographic**

**Accepts Null Values** Yes

**Minimum Constraint:** 1

**Maximum Constraint:** 20

**Multiple Entry Configuration:** Yes, via structure 2

XSD Structure:

- (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure.
- (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure.
- (3) D08\_01, D08\_02, and D08\_02 are members of D08\_01\_0 Personnel Name Structure.

**Note:** third party vendor software can be used to add additional staff members, but deletions will need to be done via State Bridge.

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: Performers

Stored in Field: PE\_MiddleName

**Required to be reported in VA – Yes**  
**National Element - No**

### Definition

The personnel's level of certification assigned by the OEMS

### Field Values

6090 EMT-Basic	6100 EMT-Intermediate
6110 EMT-Paramedic	6111 Nurse
6112 Physician	6120 First Responder
446005 EMT-Enhanced (other not accepted)	446005 Driver/Operator (other not accepted)

### Additional Information

- Multiple entry configuration to allow multiple levels for each personnel over time
- Other variables as defined in State Certification/ Licensure Level (D04\_01)

### Uses

- Allows data to be sorted or grouped based on an Individual's Credentialed Level
- Provides description of EMS agencies based on credentialing levels recognized by the state

### Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

### Other Associated Elements

D01_01 EMS Agency Number	D07_02 State/Licensure ID Number
D08_01 EMS Personnel's Last Name	

**Validation Rules:** maintained as demographic data

**Quality Measure:** 95%

### Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes/Demographic**

**XSD Data Type** *xs:string/integer* **XSD Domain (Simple Type)** *DemographicStateCertificationLicensureLevels*

**Required in VA Specific XSD – No/Demographic**

**Accepts Null Values** **No**

**Minimum Constraint:** 2

**Maximum Constraint:** 30

**Multiple Entry Configuration:** Yes, via structure

2 and 3

XSD Structure:

- (1) All Section D07 data elements are associated with D07\_01 Personnel's Agency Number Structure.
- (2) All Section D08 data elements are associated with D07\_02 State Licensure Number Structure.
- (3) D08\_15, D08\_16, D08\_17, and D08\_19 are all members of D08\_15\_0 State Certification Levels Structure

**Note:** third party vendor software can be used to add additional staff members, but deletions will need to be done via State Bridge.

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: Performers

Stored in Field: StateCertLevel

# SOFTWARE CREATOR

E01\_02

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

A unique value; no variable list is possible.

## Uses

- Important for grouping or comparing the accuracy of software used by EMS agencies in data collection
- Assists with technical support and trouble shooting

## Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

## Other Associated Elements

**Validation Rules:** For agencies utilizing non-OEMS EMS maintained as demographic data if applicable software programs

**Quality Measure:** 100%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes** (when 3<sup>rd</sup> party vendor or ImageTrend Service Bridge is used)

<b>XSD Data Type</b>	<i>xs:string</i>	<b>XSD Domain (Simple Type)</b>	<i>SoftwareCreatedBy</i>
<b>Required in VA Specific XSD – Yes</b>		<b>Accepts Null Values</b>	<b>No</b>
<b>Minimum Constraint:</b>	<b>3</b>	<b>Maximum Constraint:</b>	<b>30</b>
		<b>Multiple Entry Configuration:</b>	No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: SoftwareCreator

# SOFTWARE NAME

E01\_03

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

A unique value; no variable list is possible.

## Uses

- Important for grouping or comparing the accuracy of software used by EMS agencies in data collection
- Assists with technical support and trouble shooting

## Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

## Other Associated Elements

E01\_01 Patient Care Report Number

**Validation Rules:** For agencies utilizing non-OEMS EMS maintained as demographic data if applicable software programs

**Quality Measure:** 100%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes** (when 3<sup>rd</sup> party vendor or ImageTrend Service Bridge is used)

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *SoftwareName*

**Required in VA Specific XSD – Yes**

**Accepts Null Values**      **No**

**Minimum Constraint:** 3      **Maximum Constraint:** 30      **Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: SoftwareName

# SOFTWARE VERSION

E01\_04

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

A unique value; no variable list is possible.

## Uses

- Important for grouping or comparing the accuracy of software used by EMS agencies in data collection
- Assists with technical support and trouble shooting

## Data Collector

- EMS Agency and typically only documented once then verified and updated yearly or when changed

## Other Associated Elements

**Validation Rules** For agencies utilizing non-OEMS EMS maintained as demographic data if applicable software programs

**Quality Measure** 100%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes** (when 3<sup>rd</sup> party vendor or ImageTrend Service Bridge is used)

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *SoftwareVersion*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** **No**

**Minimum Constraint:** 3

**Maximum Constraint:** 30

**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: SoftwareVersion

**Required to be reported in VA – Yes**  
**National Element - Yes**

### Definition

The five digit OEMS assigned agency number of the EMS agency

### Field Values

A unique value; no variable list is possible.

### Additional Information

- Not Nullable. A unique value must be provided to create a unique record ID within a database
- Same as EMS Agency Number (D01\_01)

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Agency number (E02\_01), agency state (D01\_03), unit call sign (E02\_12), combine to create a unique identifier
- Allows data to be sorted by the EMS Agency
- Important for grouping and comparing EMS Agencies in Benchmarking and Quality Management
- When linked to D01\_02 provides the Agency name on the EMS Medical Record: Patient Care Report

### Data Collector

- Typically generated by the State EMS Regulatory Office. Collected by the EMS agency or auto-generated by the EMS agency specific software.

### Other Associated Elements

### References to Other Databases

- VSTR – Agency Code
- NFIRS 5.0 - EMS Module; Title: Patient Number

**Validation Rules:** Included in all submitted records

**Quality Measure:** 100%

### Technical Info:

**Data** [text]

**Required to be reported in VA – Yes**

<b>XSD Data Type</b>	<i>xs:string</i>	<b>XSD Domain (Simple Type)</b>	<i>EMSAgencyNumber</i>
<b>Required in VA Specific XSD – Yes</b>		<b>Accepts Null Values</b>	<b>No</b>
<b>Minimum Constraint:</b>	<b>3</b>	<b>Maximum Constraint:</b>	<b>15</b>
		<b>Multiple Entry Configuration:</b>	<b>No</b>

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: Offices

Stored in Field: PA\_Agency\_ID

### References to Other Databases

- VSTR – trauma registry

# INCIDENT NUMBER

E02\_02

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The incident number assigned by the 911 Dispatch System. State Bridge or Field Bridge can be used to provide this number for systems that do not receive incident numbers from their dispatch centers.

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

## Uses

- Component of the EMS Agency 911 or Dispatch information which serves as a link to identify and report other Dispatch information

## Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records

**Quality Measure:** 95%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *IncidentNumber*  
**Required in VA Specific XSD – No**      **Accepts Null Values** **Yes**  
**Minimum Constraint:** 2      **Maximum Constraint:** 15      **Multiple Entry Configuration:** No

## Table Location

Stored in Table: INC\_UnitInformation

Stored in Field: IncidentNumber

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Incident Number; Unique number for each Incident

# TYPE OF SERVICE REQUESTED

E02\_04

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

<b>30</b> 911 Response (Scene) (Default)	<b>35</b> Rendezvous/Intercept
<b>40</b> Interfacility Transfer (scheduled)	<b>45</b> Medical Transport
<b>50</b> Mutual Aid	<b>55</b> Standby
<b>410000</b> Interfacility Transfer (unscheduled)	<b>410001</b> Flagdown/Walk-in Emergent
<b>410002</b> Flagdown/Walk-in Non-emergent	

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted by the Type of Service Requested
- Provides descriptive data on EMS call volume and service provided

## Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

## Other Associated Elements

**Validation Rules:** Included in all submitted records

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

<b>XSD Data Type</b> <i>xs:integer</i>	<b>XSD Domain (Simple Type)</b> <i>TypeOfServiceRequested</i>
<b>Required in VA Specific XSD – Yes</b>	<b>Accepts Null Values</b> <b>No</b>
<b>Multiple Entry Configuration:</b> No	

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_UnitInformation

Stored in Field: TypeOfServiceReq

# PRIMARY ROLE OF THE UNIT

E02\_05

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

- |  |   |
|--|---|
| <b>411000</b> ALS Ground Transport           | <b>411001</b> BLS Ground Transport      |
| <b>65</b> ALS First Responder                | <b>411015</b> BLS First Responder       |
| <b>4 11006</b> Medevac/HEMS                  | <b>70</b> Supervisor                    |
| <b>411002</b> Critical care Ground Transport | <b>411003</b> Rescue (extrication etc.) |
| <b>411005</b> Other Transport                |   |

## Uses

- A component of the EMS Medical Record
- Allows data to be sorted by the role of the responding unit
- Provides descriptive data on EMS call volume and service provided

## Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

## Other Associated Elements

**Validation Rules:** Included in all submitted records

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *PrimaryRollOfTheUnit*

**Required in VA Specific XSD – Yes**      **Accepts Null Values**      **No**

**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_UnitInformation

Stored in Field: PrimaryRoleofUnit

# TYPE OF DISPATCH DELAY

E02\_06

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

- |                                       |  |
|---------------------------------------|--|
| -25 Not Applicable (default)          | -20 Not Recorded                             |
| -15 Not Reporting                     | -10 Not Known                                |
| -5 Not Available                      | 80 Caller (Uncooperative)                    |
| 85 High Call Volume                   | 90 Language Barrier                          |
| 95 Location (Inability to Obtain)     | 100 No Units Available                       |
| 105 None                              | 110 Other                                    |
| 115 Scene Safety (Not Secure for EMS) | 120 Technical Failure (Computer, Phone etc.) |

## Uses

- Allows data to describe the status of Dispatch issues

## Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *TypeOfDispatchDelay*

**Required in VA Specific XSD – Yes**      **Accepts Null Values** **Yes**

**Multiple Entry Configuration**      Yes

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_DelayDispatch

Stored in Field: TypeOfDispatchDelay

# TYPE OF RESPONSE DELAY

E02\_07

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

-25 Not Applicable (Default)	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	125 Crowd
130 Directions	135 Distance
140 Diversion	145 HazMat
150 None	155 Other
160 Safety	165 Staff Delay
170 Traffic	175 Vehicle Crash
180 Vehicle Failure	185 Weather

## Uses

- Allows data describe Vehicle Failures and Vehicle Crashes
- Allows data to describe the status of Response issues

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *TypeOfResponseDelay*

**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**

**Multiple Entry Configuration** Yes

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_DelayResponse

Stored in Field: TypeOfResponseDelay

# TYPE OF SCENE DELAY

E02\_08

**Required to be reported in VA – Yes**  
**National Element – Yes**

## Definition

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

## Field Values

- |  |                          |
|--|--------------------------|
| -25 Not Applicable (Default)                   | -20 Not Recorded         |
| -15 Not Reporting                              | -10 Not Known            |
| -5 Not Available                               | 190 Crowd                |
| 195 Directions                                 | 200 Distance > Normal    |
| 205 Diversion                                  | 210 Extrication >20 min. |
| 215 HazMat                                     | 220 Language Barrier     |
| 225 None                                       | 230 Other                |
| 235 Safety                                     | 240 Staff Delay          |
| 245 Traffic                                    | 250 Vehicle Crash        |
| 255 Vehicle Failure                            | 260 Weather              |
| 414000 Patient Access Delay (lockout/Physical) |                          |

## Uses

- Allows data describe Vehicle Failures and Vehicle Crashes
- Allows data to describe the status of Scene issues

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** xs:integer

**XSD Domain (Simple Type)** TypeOfSceneDelay

**Required in VA Specific XSD – Yes**

**Accepts Null Values** Yes

**Multiple Entry Configuration:** Yes

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_DelayScene

Stored in Field: TypeOfSceneDelay

# TYPE OF TRANSPORT DELAY

E02\_09

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

-25 Not Applicable (default)	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	265 Crowd
270 Directions	275 Distance > Normal
280 Diversion	285 HazMat
290 None	295 Other
300 Safety	305 Staff Delay
310 Traffic	315 Vehicle Crash
320 Vehicle Failure	325 Weather
415000 Train	

## Uses

- Allows data describe Vehicle Failures and Vehicle Crashes
- Allows data to describe the status of Transport issues

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *TypeOfTransportDelay*

**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**

**Multiple Entry Configuration:** Yes

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_DelayTransport

Stored in Field: TypeOfTransportDelay

# TYPE OF TURN-AROUND DELAY

E02\_10

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

-25 Not Applicable (Default)	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	330 Clean-up
335 Decontamination	340 Documentation
345 ED Overcrowding	350 Equipment Failure
355 Equipment Replenishment	360 None
365 Other	370 Staff Delay
375 Vehicle Failure	416002 Equipment Replenishment-Restocking
416001 Equipment Replenishment-Drug Box Exchange	

## Uses

- Allows data describe ED overcrowding and Vehicle Failure
- Allows data to describe the status of call time issues

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *TypeOfTurnAroundDelay*

**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**

**Multiple Entry Configuration** Yes

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_DelayTurnAround

Stored in Field: TypeOfTurnAroundDelay

# EMS UNIT CALL SIGN (RADIO NUMBER)

E02\_12

**Required to be reported in VA – Yes**  
**National Element - Yes**

## 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.

## Field Values

A unique value; no variable list is possible.

~~-20 Not Recorded~~

~~-10 Not Known~~

~~-25 Not Applicable~~

~~-15 Not Reporting~~

~~-5 Not Available~~

## Additional Information

- Not Nullable. A unique value must be provided to create a unique record ID within a database

## Uses

- Allows data at the vehicle level to better describe EMS vehicle usage and possibly maintenance
- Important for grouping or comparing data by Response Vehicle which also allows data to be sorted by location in many agencies

## Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

## Other Associated Elements

**Validation Rules:** Included in all submitted records

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string*

**XSD Domain (Simple Type)** *EMSUnitCallSign*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** **No**

**Minimum Constraint:** 2

**Maximum Constraint:** 15

**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_UnitInformation

Stored in Field: EMSUnitCallSign

# RESPONSE MODE TO SCENE

E02\_20

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

- |   |   |
|---|---|
| <b>380</b> Initial Lights and Sirens, Downgraded to No Lights or Sirens | <b>385</b> Initial No Lights or Sirens, Upgraded to Lights and Sirens |
| <b>390</b> Lights and Sirens  | <b>395</b> No Lights or Sirens  |

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted by the Response Mode
- Allows data to describe the use of emergent response

## Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

## Other Associated Elements

**Validation Rules:** Included in all submitted record when E02\_04 is 30-911 Response, 35-Rendezvous/Intercept, 50-mutual Aid, 410000-Unscheduled Interfacility Transport

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

<b>XSD Data Type</b> <i>xs:integer</i>	<b>XSD Domain (Simple Type)</b> <i>ResponseModeToScene</i>
<b>Required in VA Specific XSD – Yes</b>	<b>Accepts Null Values</b> <b>No</b>
<b>Multiple Entry Configuration</b> No	

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_UnitInformation

Stored in Field: ResponseModeToScene

# COMPLAINT REPORTED BY DISPATCH

E03\_01

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

The complaint dispatch reported to the responding unit.

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	400 Abdominal Pain
405 Allergies	410 Animal Bite
415 Assault	420 Back Pain
425 Breathing Problem	430 Burns
435 CO Poisoning/Hazmat	440 Cardiac Arrest
445 Chest Pain	450 Choking
455 Convulsions/Seizure	460 Diabetic Problem
465 Drowning	470 Electrocution
475 Eye Problem/Injury	480 Fall Victim
485 Headache	490 Heart Problems
495 Heat/Cold Exposure	500 Hemorrhage/Laceration
505 Industrial Accident/Inaccessible Incident/Other Entrapments (non-vehicle)	510 Ingestion/Poisoning
515 Pregnancy/Childbirth	520 Psychiatric Problem
525 Sick Person	530 Stab/Gunshot Wound
535 Stroke/CVA	540 Traffic Accident
545 Traumatic Injury	550 Unconscious/Fainting
555 Unknown Problem/Man Down	560 Routine Transfer
565 MCI (Mass Casualty Incident)	435011 Altered Mental Status
435000 Assault-Sexual	435008 Auto vs. Pedestrian
435013 Fire Stand-by	435014 HazMat Stand-by
435001 Rendezvous/Intercept	435012 Invalid Assist/Lifting Assist
435009 Machine/Equipment Injury	435002 Medical Alarm
435003 Medical Transport	435004 Other
435005 Overdose	435006 Pain
435010 Respiratory Arrest	435007 Stand-by

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted by the Dispatch Complaint
- Allows data to describe Patient Complaint as reported by Dispatch

## Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

## Other Associated Elements

E00 Common Null Values                      E01\_01 Patient Care Report Number

**Validation Rules:** Included in all submitted records

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *ComplaintReportedByDispatch*

**Required in VA Specific XSD – Yes**

**Multiple Entry Configuration:** No

**Accepts Null Values** Yes

**Table Location** (for OEMS & Service Bridge Users)

Stored in Table: INC\_UnitInformation

Stored in Field: ComplaintReportDispatch

## EMD PERFORMED

E03\_02

### Required to be reported in VA – Yes National Element - Yes

#### Definition

Indication of whether EMD was performed for this EMS event if known.

#### Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	0 No
570 Yes, With Pre-Arrival Instructions	575 Yes, Without Pre-Arrival Instructions

#### Uses

- Allows data to be sorted by the Dispatch Complaint
- Allows data to describe Patient Complaint as reported by Dispatch

#### Data Collector

- 911 or Dispatch Center and electronically or verbally transmitted to the EMS agency

#### Other Associated Elements

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

#### Technical Info:

**Data** [combo] single-choice

### Required to be reported in VA – Yes

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *EMDPerformed*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** Yes

**Multiple Entry Configuration:** No

#### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_UnitInformation

Stored in Field: EMDPerformed



# PSAP CALL DATE/TIME

E05\_02

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

### Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on Date and Time
- Allows data to describe EMS use by Date and Time, Day of the Week, etc

### Data Collector

- EMS personnel or 911/Dispatch Center and electronically or verbally transmitted to the EMS agency

### Other Associated Elements

E01\_01 Patient Care Report Number

**Validation Rules:** 95%

**Quality Measure:** 95%

### Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime*      **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – Yes**      **Accepts Null Values** Yes, but null value is blank or empty

**Minimum Constraint:** 1,990      **Maximum Constraint:** 2,030      **Multiple Entry Configuration:** No

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: PSAPCallDate

### References to Other Databases

- NFIRS 5.0 EMS Module; Title: Incident Date; The date the Fire Department received the incident alarm

# DISPATCH NOTIFIED DATE/TIME

E05\_03

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The date/time dispatch notified/assigned the call to the responding unit

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

## Uses

- Provides information on how EMS requests are progressing through the PSAP and Dispatch Centers
- Used in the Quality Management evaluation of the PSAP and Dispatch Centers

## Data Collector

- EMS personnel or 911/Dispatch Center and electronically or verbally transmitted to the EMS agency

## Other Associated Elements

E01\_01 Patient Care Report Number

**Validation Rules:** Included in all submitted records

**Quality Measure:** 95%

## Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime*      **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – No**      **Accepts Null Values** **Yes**, but null value is blank or empty

**Minimum Constraint:** 1,990    **Maximum Constraint:** 2,030    **Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: DispatchNotifiedDate

## References to Other Databases

- VSTR – trauma registry
- TREDS – DMV crash data

## UNIT EN ROUTE DATE/TIME

E05\_05

**Required to be reported in VA – Yes**  
**National Element - Yes**

### Definition

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

### Field Values

### Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

### Data Collector

- EMS personnel or 911/Dispatch Center and electronically or verbally transmitted to the EMS agency

### Other Associated Elements

**E01\_01** Patient Care Report Number

**Validation Rules:** Included in all submitted records

**Quality Measure:** 95%

### Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – Yes** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 1,990** **Maximum Constraint: 2,030** **Multiple Entry Configuration** No

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: UnitEnrouteDate

### References to Other Databases

- VSTR – trauma registry
- TREDS – DMV crash data

# UNIT ARRIVED ON SCENE DATE/TIME

E05\_06

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

## Data Collector

- EMS personnel or 911/Dispatch Center and electronically or verbally transmitted to the EMS agency

## Other Associated Elements

E01\_01 Patient Care Report Number

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

## Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – Yes** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 1,990** **Maximum Constraint: 2,030** **Multiple Entry Configuration: No**

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: UnitArrivedSceneDate

## References to Other Databases

- VSTR – trauma registry
- TREDS – DMV crash data

# ARRIVED AT PATIENT DATE/TIME

E05\_07

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

## Uses

- Provides more accurate information on the true response time of EMS to the patient's side
- Used in Quality Management evaluation of EMS response and performance especially in areas where patient location may be distant from the EMS vehicle

## Data Collector

- EMS personnel or 911/Dispatch Center and electronically or verbally transmitted to the EMS agency

## Other Associated Elements

E01\_01 Patient Care Report Number

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Date/Time Arrived; The date and time fire fighters arrived at the patient.

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime*

**XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – Yes**

**Accepts Null Values:** Yes, but null value is blank or empty

**Minimum Constraint:** 1,990 **Maximum Constraint:** 2,030 **Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: ArrivedPatientDate

## References to Other Databases

- VSTR – trauma registry
- TREDS – DMV crash data

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

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

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

## Uses

- Important for Quality Management when the patient is cared for by more than one EMS agency
- Provides documentation of how the patient progresses through the EMS agency

## Data Collector

- EMS personnel or 911/Dispatch Center and electronically or verbally transmitted to the EMS agency

## Other Associated Elements

E01\_01 Patient Care Report Number

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Date/Time Transfer; The date and time fire fighters transferred the care of the patient to another EMS agency.

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4845-Treated, Transferred Care,

**Quality Measure:** 95%

## Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – No** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 1,990** **Maximum Constraint: 2,030** **Multiple Entry Configuration: No**

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: TransferPatientCareDate

## References to Other Databases

- VSTR – trauma registry
- TREDS – DMV crash data

## UNIT LEFT SCENE DATE/TIME

E05\_09

**Required to be reported in VA – Yes**  
**National Element - Yes**

### Definition

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

### Field Values

### Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

### Data Collector

- EMS personnel or 911/Dispatch Center and electronically or verbally transmitted to the EMS agency

### Other Associated Elements

**E01\_01** Patient Care Report Number

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

### Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – Yes** **Accepts Null Values:** Yes, but null value is blank or empty

**Minimum Constraint:** 1,990 **Maximum Constraint:** 2,030 **Multiple Entry Configuration:** No

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: UnitLeftSceneDate

### References to Other Databases

- VSTR – trauma registry
- TREDS – DMV crash data

# PATIENT ARRIVED AT DESTINATION DATE/TIME

E05\_10

**Required to be reported in VA – Yes**  
**National Element – Yes**

## Definition

The date/time the responding unit arrived with the patient at the destination (hospital) or transfer point (Rendezvous)

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

## Data Collector

- EMS personnel or 911/Dispatch Center and electronically or verbally transmitted to the EMS agency

## Other Associated Elements

E01\_01 Patient Care Report Number

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS, 4855-Treated.

**Quality Measure:** 95%

## Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – Yes** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 1,990** **Maximum Constraint: 2,030** **Multiple Entry Configuration: No**

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: PatientArrivedDestDate

# UNIT BACK IN SERVICE DATE/TIME

E05\_11

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

The date/time the unit back was back in service and available for another response (finished with call, but not necessarily back in home location)

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

## Data Collector

- EMS personnel or 911/Dispatch Center and electronically or verbally transmitted to the EMS agency

## Other Associated Elements

E01\_01 Patient Care Report Number

**Validation Rules:** Included in all submitted records

**Quality Measure:** n/a

## Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** **No**

**Minimum Constraint:** 1,990 **Maximum Constraint:** 2,030 **Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: UnitBackServiceDate

# UNIT BACK AT HOME LOCATION DATE/TIME

E05\_13

**Required to be reported in VA – Yes**  
**National Element - Yes**

## 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.

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

## Uses

- Allows data to be sorted based on EMS agency time intervals
- Allows data to describe EMS agency time intervals

## Data Collector

- EMS personnel or 911/Dispatch Center and electronically or verbally transmitted to the EMS agency

## Other Associated Elements

E01\_01 Patient Care Report Number

**Validation Rules:** Included in all submitted records

**Quality Measure:** n/a

## Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – Yes** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 1,990** **Maximum Constraint: 2,030** **Multiple Entry Configuration: No**

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: UnitBackHomeLocDate

# PATIENT LAST NAME

E06\_01

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

The patient's last (family) name

## Field Values

## Additional Information

- Local Policy should dictate how Last Name and First Name should be created if Unknown

## Uses

- Allows a patient's information to be stored and retrieved by Name
- Key component of an EMS Medical Record
- Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc
- Provides data linkage variable

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

<b>E00</b>	Common Null Values	<b>E01_01</b>	Patient Care Report Number
<b>E06_02</b>	First Name	<b>E06_03</b>	Middle Initial/Name

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *LastName*

**Required in VA Specific XSD – No**      **Accepts Null Values** **Yes**

**Minimum Constraint: 2**      **Maximum Constraint: 20**      **Multiple Entry Configuration:** No

XSD Structure: E06\_01 and E06\_02 are all members of the E06\_01\_0 Patient Name Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Patient

Stored in Field: LastName

## References to Other Databases

- VSTR – trauma registry
- TREDs – DMV crash data
- VHI – hospital discharge data





# PATIENT'S HOME ZIP CODE

E06\_08

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

The patient's home ZIP code of residence

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

## Additional Information

- Can be stored as a 5 or 9 digit code

## Uses

- Allows data to be sorted based on the geographic location of the patient's home
- Allows data to describe geographic location of the patient's home
- Key component of an EMS Medical Record
- Provides contact information for multiple purposes including follow-up, billing, bioterrorism syndromic surveillance, etc

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

- E00 Common Null Values
- E06\_01 Last Name
- E06\_08 Patient's Home Zip Code

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *Zip*

**Required in VA Specific XSD – Yes**      **Accepts Null Values** **Yes**

**Minimum Constraint:** 2      **Maximum Constraint:** 10      **Multiple Entry Configuration:** No

XSD Structure: E06\_05 and E06\_08 are all members of the E06\_04\_0 Patient Address Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Patient

Stored in Field: Zip

## References to Other Databases

- VSTR – trauma registry
- TREDs – DMV crash data
- VHI – hospital discharge data

# PATIENT'S SOCIAL SECURITY NUMBER

E06\_10

**Required to be reported in VA – Yes** (may provide driver license # instead E06\_19)  
**National Element - No**

## Definition

The patient's social security number

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	

## Uses

- Key component of an EMS Medical Record
- Provides vital data linkage variable

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

E00	Common Null Values	E01_01	Patient Care Report Number
E06_01	Last Name		

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS, 4855-Treated AND E06\_19 is null.

**Quality Measure:** E06\_10 (SSN) and E06\_19 (DL#) total should be 80% of all records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS AND when E06\_14 is >18 and E06\_15 is years.

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

<b>XSD Data Type</b>	<i>xs:string</i>	<b>XSD Domain (Simple Type)</b>	<i>SocialSecurityNumber</i>
<b>Required in VA Specific XSD – No</b>		<b>Accepts Null Values</b>	<b>Yes</b>
<b>Minimum Constraint: 2</b>		<b>Maximum Constraint: 9</b>	<b>Multiple Entry Configuration: No</b>

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Patient

Stored in Field: SSN

## References to Other Databases

- VSTR – trauma registry
- TREDs – DMV crash data
- VHI – hospital discharge data

# PATIENT'S GENDER

E06\_11

**Required to be reported in VA – Yes**  
**National Element – Yes**

## Definition

The patient's gender/sex

## Field Values

- |                    |  |
|--------------------|--|
| -25 Not Applicable | -20 Not Recorded                                 |
| -15 Not Reporting  | -10 Not Known (must be rare <1% of pt. contacts) |
| -5 Not Available   | 650 Male   |
| 655 Female         |  |

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on gender
- Allows data to describe the gender of the EMS patient population

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

E00	Common Null Values	E06_01	Last Name
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**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

<b>XSD Data Type</b>	<i>xs:integer</i>	<b>XSD Domain (Simple Type)</b>	<i>Gender</i>
<b>Required in VA Specific XSD – Yes</b>		<b>Accepts Null Values</b>	<b>Yes</b>
<b>Multiple Entry Configuration</b>	No		

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Patient

Stored in Field: Gender

## References to Other Databases

- VSTR – trauma registry
- TREDs – DMV crash data
- VHI – hospital discharge data
- NFIRS 5.0 EMS Module; Title: Gender; Pick-List: Male = 1, Female = 2

## PATIENT'S RACE

E06\_12

### Required to be reported in VA – Yes National Element - Yes

#### Definition

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

#### Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	660 American Indian or Alaska Native
665 Asian	670 Black or African American
675 Native Hawaiian or Other Pacific Islander	680 White
685 Other Race	

#### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on race as required from a state and federal government reporting perspective
- Allows data to describe the race of the EMS patient population

#### Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

#### Other Associated Elements

E00 Common Null Values E06\_01 Last Name

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

#### Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *Race*  
**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**  
**Multiple Entry Configuration:** No

#### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Patient

Stored in Field: Race

#### References to Other Databases

- NFIRS 5.0 EMS Module; Title: Race; Pick-List: White = 1, Black = 2, American Indian, Eskimo, Aleut = 3, Asian = 4, Other, Multi-racial = 0, Race Undetermined = U



## PATIENT'S AGE

E06\_14

**Required to be reported in VA – Yes**  
**National Element - Yes**

### Definition

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

### Field Values

### Additional Information

- Could be calculated from Date of Birth (E06\_16)

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on age
- Allows data to describe the age of the EMS patient population

### Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

### Other Associated Elements

E01\_01 Patient Care Report Number

E06\_01 Last Name

E06\_15 Age Units

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

### Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *Age*

**Required in VA Specific XSD – Yes** **Accepts Null Values:** Yes, but null value is blank or empty

**Minimum Constraint:** 1 **Maximum Constraint:** 120 **Multiple Entry Configuration:** No

XSD Structure: E06\_14 and E06\_15 are members of the E06\_14\_0 Patient's Age Structure

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Patient

Stored in Field: Age

### References to Other Databases

- NFIRS 5.0 EMS Module; Title: Age; The age of the patient or best approximation. If less than one year then enter the number of months.
- VSTR – trauma registry
- TREDs – DMV crash data
- VHI – hospital discharge data

# AGE UNITS

E06\_15

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

- |                    |                  |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting  | -10 Not Known    |
| -5 Not Available   | 700 Hours        |
| 705 Days           | 710 Months       |
| 715 Years          |                  |

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on age
- Allows data to describe the age of the EMS patient population

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

- |                        |                                   |
|------------------------|-----------------------------------|
| E00 Common Null Values | E01_01 Patient Care Report Number |
| E06_14 Age             |                                   |

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

<b>XSD Data Type</b> <i>xs:integer</i>	<b>XSD Domain (Simple Type)</b> <i>AgeUnits</i>
<b>Required in VA Specific XSD – Yes</b>	<b>Accepts Null Values</b> <b>Yes</b>

**Multiple Entry Configuration:** No

XSD Structure: E06\_14 and E06\_15 are members of the E06\_14\_0 Patient's Age Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Patient

Stored in Field: AgeUnits

# DATE OF BIRTH

E06\_16

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The patient's date of birth

## Field Values

## Uses

- Key component of an EMS Medical Record
- Provides important information which will allow EMS data to be sorted, grouped and evaluated by age demographics

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E06\_01** Last Name

**Validation Rules 1:** Included in all submitted records when E20\_10-Incident Disposition is, 4850-Treated, Transported by EMS, 4855-Treated.

**Quality Measure:** 90%

**Validation Rules 2:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** n/a

## Technical Info:

**Data** [date]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:date* **XSD Domain (Simple Type)** *DateOfBirth*

**Required in VA Specific XSD – No**

**Accepts Null Values** **No**

**Minimum Constraint:** 1,890 **Maximum Constraint:** 2,030 **Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Patient

Stored in Field: DateOfBirth

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Date of Birth; The date of birth of the patient in MMDDYYYY format.
- VSTR – trauma registry
- TREDs – DMV crash data
- VHI – hospital discharge data

# STATE ISSUING DRIVER'S LICENSE

E06\_18

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The state that issued the patient's driver's license

## Field Values

-25 Not Applicable  
-15 Not Reporting  
-5 Not Available  
-20 Not Recorded  
-10 Not Known

## Additional Information

- 2 digit FIPS Code

## Uses

- Can provide linkage back to DMV databases for additional patient and event information
- Form of identification to allow verification of the patient's identify and contact information

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

E00 Common Null Values  
E06\_19 Driver's License Number  
E06\_01 Last Name

**Validation Rules:** Included in all submitted records when E06\_19 is used.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *State*

**Required in VA Specific XSD – No**

**Accepts Null Values** Yes

**Minimum Constraint:** 2

**Maximum Constraint:** 3

**Multiple Entry Configuration:** No

XSD Structure: E06\_18 and E06\_19 are members of the E06\_19\_0 Patient's Drivers License Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Patient

Stored in Field: DriverLicState

# DRIVER'S LICENSE NUMBER

E06\_19

**Required to be reported in VA – Yes**  
**National Element – Yes**

## Definition

The patient's driver's license number

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

## Uses

- Can provide linkage back to DMV databases for additional patient and event information
- Form of identification to allow verification of the patient's identify and contact information

## Data Collector

- EMS personnel or electronically through linkage with a pre-existing Patient Care Report or hospital database

## Other Associated Elements

- E00 Common Null Values
- E06\_01 Last Name
- E06\_18 State Issuing Driver's License

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS, 4855-Treated AND E06\_10 is null.

**Quality Measure:** E06\_10 (SSN) and E06\_19 (DL#) total should be 80% of all records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS AND when E06\_14 is >18 and E06\_15 is years.

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *DriversLicenseNumber*  
**Multiple Entry Configuration** No      **Accepts Null Values** Yes  
**Required in VA-XSD** Yes      **Minimum Constraint** 1      **Maximum Constraint** 30  
XSD Structure: E06\_18 and E06\_19 are members of the E06\_19\_0 Patient's Drivers License Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Patient

Stored in Field: DriverLicNum

## References to Other Databases

- VSTR – trauma registry
- TREDs – DMV crash data



# OTHER EMS AGENCIES AT SCENE

E08\_01

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

Other EMS agencies that were at the scene, if any

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

## Additional Information

- This is the Agency Name, not the EMS Agency Number

## Uses

- Allows EMS reports to be generated describing all of the resources used in an EMS event
- Allows for the evaluation of an EMS response or of EMS responses over time to adjust agency components and plans

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** absence of any records in a known tiered system

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *OtherEMSAgenciesAtScene*  
**Required in VA Specific XSD – No**      **Accepts Null Values** **Yes**  
**Minimum Constraint:** 2      **Maximum Constraint:** 30      **Multiple Entry Configuration:** Yes

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_ EMSAgenciesIncident

Stored in Field: OA\_ID

# NUMBER OF PATIENTS AT SCENE

E08\_05

## Required to be reported in VA – Yes National Element - Yes

### Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	1120 None
1125 Single	1130 Multiple

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the number of patients associated with the event and resources required
- Allows data to describe the number of EMS events with multiple patient encounters

### Data Collector

- EMS personnel

### Other Associated Elements

E00 Common Null Values

### References to Other Databases

- NFIRS 5.0 EMS Module; Title: Number of Patients; The total number of patients.

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS, 4855-Treated AND E06\_19 is null.

**Quality Measure:** E06\_10 (SSN) and E06\_19 (DL#) total should be 80% of all records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS AND when E06\_14 is >18 and E06\_15 is years.

### Technical Info:

**Data** [combo] single-choice

### Definition

Indicator of how many total patients were at the scene

## Required to be reported in VA – Yes

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *NumberOfPatientsAtScene*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** Yes

**Multiple Entry Configuration**

No

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: NumPatientsScene

# MASS CASUALTY INCIDENT

E08\_06

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	0 No
1 Yes	

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on a Mass Casualty Event
- Allows data to describe the number of EMS events which were declared a mass casualty event and is connected with disaster and domestic preparedness

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*  
**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**  
**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: MassCasualtyIncident

# INCIDENT LOCATION TYPE

E08\_07

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

The kind of location where the incident happened

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 1140 Farm
- 1150 Industrial Place and Premises
- 1160 Street or Highway
- 1170 Trade or service (business, bars, restaurants, etc)
- 1180 Residential Institution (Nursing Home, jail/prison)
- 1190 Other Location
- 536007 Unspecified place
- 20 Not Recorded
- 10 Not Known
- 1135 Home/Residence
- 1145 Mine or Quarry
- 1155 Place of Recreation or Sport
- 1165 Public Building (schools, gov. offices)
- 1175 Health Care Facility (clinic, hospital, nursing home)
- 1185 Lake, River, Ocean
- 536000 Airport

## Additional Information

- Based on ICD-9 Coding

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the Incident Location and Type
- Allows data to describe the Incident Location and the distribution of EMS events

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *IncidentLocationType*  
**Required in VA Specific XSD – Yes**      **Accepts Null Values** **Yes**  
**Multiple Entry Configuration**      No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: IncidentLocationType

# INCIDENT ADDRESS

E08\_11

## Required to be reported in VA – Yes National Element - Yes

### Definition

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

### Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Important for grouping or comparing data by Scene location which also allows data to be sorted by geographic response areas in many agencies
- Provides information on overall response patterns and times for agency configuration and evaluation

### Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

### Other Associated Elements

- |        |                        |        |                            |
|--------|------------------------|--------|----------------------------|
| E00    | Common Null Values     | E01_01 | Patient Care Report Number |
| E08_07 | Incident Location Type | E08_12 | Incident City              |
| E08_14 | Incident State         | E08_15 | Incident ZIP Code          |

**Validation Rules:** Included in all submitted records

**Quality Measure:** 95%

### Technical Info:

**Data** [text]

## Required to be reported in VA – Yes

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *StreetAddress*

**Required in VA Specific XSD – No**      **Accepts Null Values** Yes

**Minimum Constraint: 2**      **Maximum Constraint: 30**      **Multiple Entry Configuration:** No

XSD Structure: E08\_11, E08\_12, E08\_14, E08\_15 are all members of E08\_11\_0 Incident Address Structure

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: StreetAddress

### References to Other Databases

- VSTR – trauma registry
- TREDIS – DMV crash data

# INCIDENT ZIP CODE

E08\_15

**Required to be reported in VA – Yes**  
**National Element – Yes**

## Definition

The ZIP code of the incident location

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the geographic location of the EMS Incident
- Allows data to describe geographic location of the EMS Incident

## Data Collector

- EMS agency or may be electronically provided through the 911 or dispatch center

## Other Associated Elements

- E00 Common Null Values
- E08\_07 Incident Location Type
- E08\_11 Incident Address

**Validation Rules:** Included in all submitted records

**Quality Measure:** 95%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *Zip*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** Yes

**Minimum Constraint:** 2 **Maximum Constraint:** 10

**Multiple Entry Configuration:** No

XSD Structure: E08\_11 and E08\_15 are all members of E08\_11\_0 Incident Address Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Incident

Stored in Field: Zip

## References to Other Databases

- VSTR – trauma registry
- TREDs – DMV crash data

# POSSIBLE INJURY

E09\_04

**Required to be reported in VA – Yes**  
**National Element – Yes**

## 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

## Field Values

- |                    |                  |
|--------------------|------------------|
| -25 Not Applicable | -20 Not Recorded |
| -15 Not Reporting  | -10 Not Known    |
| -5 Not Available   | 0 No             |
| 1 Yes              |                  |

## Additional Information

- Can be used to determine which records should have Section E10: Situation/ Trauma completed. If Injury Present (E09\_04) is "Yes", Section E10 should be completed
- Possible Injury (E09\_04), Chief Complaint Anatomic Location (E09\_11), Chief Complaint Organ System (E09\_12), and Primary Symptom (E09\_13) are required to calculate the Reason for Encounter

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on trauma vs. non-traumatic events
- Allows data to describe trauma within the EMS patient population
- Allows for the calculation of the "EMS Reason for Encounter" used to further describe the EMS patient population

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** n/a

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

<b>XSD Data Type</b>	<i>xs:integer</i>	<b>XSD Domain (Simple Type)</b>	<i>YesNoValues</i>
<b>Required in VA Specific XSD – Yes</b>		<b>Accepts Null Values</b>	<b>Yes</b>
<b>Multiple Entry Configuration</b>	No		

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Situation

Stored in Field: InjuryPresent

# DURATION OF CHIEF COMPLAINT

E09\_06

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The time duration of the chief complaint

## Field Values

## Uses

- Important for an EMS Medical Record
- Important to evaluate clinical conditions which are time dependant such as MI or Stroke to determine appropriate EMS Care
- Important for EMS system utilization review

## Data Collector

- EMS personnel

## Other Associated Elements

**E09\_07** Time Units of Duration of Chief Complaint

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

<b>XSD Data Type</b>	<i>xs:integer</i>	<b>XSD Domain (Simple Type)</b>	<i>DurationOfChiefComplaint</i>
<b>Required in VA Specific XSD – No</b>		<b>Accepts Null Values</b>	<b>No</b>
<b>Minimum Constraint:</b>	<b>1</b>	<b>Maximum Constraint:</b>	<b>360</b>
		<b>Multiple Entry Configuration:</b>	<b>Yes</b>

XSD Structure: E09\_06 and E09\_07 are members of E09\_06\_0 Duration of Chief Complaint Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Situation

Stored in Field: DurationOfChiefComplaint

# TIME UNITS OF DURATION OF CHIEF COMPLAINT

E09\_07

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

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

## Field Values

1235 Seconds	1240 Minutes
1245 Hours	1250 Days
1255 Weeks	1260 Months
1265 Years	

## Uses

- Important for an EMS Medical Record
- Important to evaluate clinical conditions which are time dependant such as MI or Stroke to determine appropriate EMS care

## Data Collector

- EMS personnel

## Other Associated Elements

**E09\_06** Duration of Chief Complaint

**Validation Rules:** When E90\_6 is not null

**Quality MeasureL** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *TimeUnitsOfChiefComplaint*

**Required in VA Specific XSD – No** **Accepts Null Values** **No**

**Multiple Entry Configuration** No

XSD Structure: E09\_06 and E09\_07 are members of E09\_06\_0 Duration of Chief Complaint Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Situation

Stored in Field: TimeUnitsOfChiefComplaint

# CHIEF COMPLAINT ANATOMIC LOCATION

E09\_11

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	1305 Abdomen
1310 Back	1315 Chest
1320 Extremity-Lower	1325 Extremity-Upper
1330 General/Global	1335 Genitalia
1340 Head	1345 Neck

## Additional Information

- Possible Injury (E09\_04), Chief Complaint Anatomic Location (E09\_11), Chief Complaint Organ System (E09\_12), and Primary Symptom (E09\_13) are required to calculate the Reason for Encounter

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the patient's complaint location
- Allows data to describe the patient's complaint location
- Allows for the calculation of the "EMS Reason for Encounter" used to further describe the EMS patient population

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** When E90\_6 is not null

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ComplaintAnatomicLocation*

**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**

**Multiple Entry Configuration** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Situation

Stored in Field: ComplaintAnatomicLoc

# CHIEF COMPLAINT ORGAN SYSTEM

E09\_12

**Required to be reported in VA – Yes**  
**National Element – Yes**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	1350 Cardiovascular
1355 CNS/Neuro	1360 Endocrine/Metabolic
1365 GI	1370 Global
1375 Musculoskeletal	1380 OB/Gyn
1385 Psych	1390 Pulmonary
1395 Renal	1400 Skin

## Additional Information

- Possible Injury (E09\_04), Chief Complaint Anatomic Location (E09\_11), Chief Complaint Organ System (E09\_12), and Primary Symptom (E09\_13) are required to calculate the Reason for Encounter
- This data element is to be completed by EMS personnel at the EMT-Paramedic level or higher

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows for the calculation of the "EMS Reason for Encounter" used to further describe the EMS patient population

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** When E90\_6 is not null

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

<b>XSD Data Type</b>	<i>xs:integer</i>	<b>XSD Domain (Simple Type)</b>	<i>ComplaintOrganSystem</i>
<b>Required in VA Specific XSD – Yes</b>		<b>Accepts Null Values</b>	<b>Yes</b>
<b>Multiple Entry Configuration</b>	No		

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Situation

Stored in Field: ComplaintOrganSystem

## PRIMARY SYMPTOM

E09\_13

**Required to be reported in VA – Yes**  
**National Element – Yes**

### Definition

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

### Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	1405	Bleeding
1410	Breathing Problem	1415	Change in responsiveness
1420	Choking	1425	Death
1430	Device/Equipment Problem	1435	Diarrhea
1440	Drainage/Discharge	1445	Fever/Hyperthermia
1450	Malaise	1455	Mass/Lesion
1460	Mental/Psych	1465	Nausea/Vomiting
1470	None	1475	Pain
1480	Palpitations	1485	Rash/Itching
1490	Swelling	1495	Transport Only
1500	Weakness	1505	Wound
567000	Abdominal Pain	567022	Anxiety
567021	Aphasia	567001	Back Pain
567002	Bright Red Blood In Stool	567003	Cardiorespiratory Arrest
567040	Change In Stool Color	567004	Chest Pain
567038	Constipation	567017	Cough
567014	Dark/Tarry Stool (Melena)	567005	Dizziness
567006	Ear Pain	567007	Eye Pain
567015	Headache	567019	Headache w/photophobia
567020	Hematemesis	567024	Hives
567025	Indigestion	567026	Lethargic
567039	Loss of Appetite	567037	Obstetrics-Constrictions
567018	Orthostatic Hypotension	567008	Other
567027	Pain – Extremity	567028	Pain – Flank
567029	Pain – Neck	567009	Paralysis
567010	Seizure/Convulsions	567011	Syncope
567012	Unconscious/Unresponsive	567013	Vaginal Hemorrhage
567016	Visual Impairment or Loss of Vision	567030	Wheezing

### Additional Information

- Possible Injury (E09\_04), Chief Complaint Anatomic Location (E09\_11), Chief Complaint Organ System (E09\_12), and Primary Symptom (E09\_13) are required to calculate the Reason for Encounter

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the patient's primary symptom
- Allows data to describe the patient's primary symptom
- Allows for the calculation of the "EMS Reason for Encounter" used to further describe the EMS patient population

### Data Collector

- EMS personnel

### Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

**Technical Info:**

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

<b>XSD Data Type</b>	<i>xs:integer</i>	<b>XSD Domain (Simple Type)</b>	<i>PrimarySymptom</i>
<b>Required in VA Specific XSD – Yes</b>		<b>Accepts Null Values</b>	<b>Yes</b>
<b>Multiple Entry Configuration</b>	No		

**Table Location** (for OEMS & Service Bridge Users)

Stored in Table: INC\_Situation

Stored in Field: PrimarySymptom

## OTHER ASSOCIATED SYMPTOMS

E09\_14

**Required to be reported in VA – Yes**  
**National Element - Yes**

### Definition

Other symptoms identified by the patient or observed by EMS personnel

### Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	1510	Bleeding
1515	Breathing Problem	1520	Change in responsiveness
1525	Choking	1530	Death
1535	Device/Equipment Problem	1540	Diarrhea
1545	Drainage/Discharge	1550	Fever/Hyperthermia
1555	Malaise	1560	Mass/Lesion
1565	Mental/Psych	1570	Nausea/Vomiting
1575	None	1580	Pain
1585	Palpitations	1590	Rash/Itching
1595	Swelling	1600	Transport Only
1605	Weakness	1610	Wound
568000	Abdominal Pain	568001	Back Pain
568002	Bright Red Blood In Stool	568003	Cardiorespiratory Arrest
568004	Chest Pain	568017	Cough
568014	Dark/Tarry Stool (Melena)	568005	Dizziness
568006	Ear Pain	568007	Eye Pain
568015	Headache	568019	Headache w/photophobia
568018	Orthostatic Hypotension	568008	Other
568009	Paralysis	568010	Seizure/Convulsions
568011	Syncope	568013	Vaginal Hemorrhage

### Additional Information

- This data element is used for Bioterrorism Syndromic Surveillance

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the patient's primary symptom
- Allows data to describe the patient's associated symptoms
- Allows for potential bio-terrorism surveillance based on the symptomatic presentation of the EMS Patient combined with

other data points

### Data Collector

- EMS personnel

### Other Associated Elements

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

### Technical Info:

**Data** [combo] multiple-choice

**Required in VA Specific XSD – Yes**

<b>XSD Data Type</b>	<i>xs:integer</i>	<b>XSD Domain (Simple Type)</b>	<i>OtherAssociatedSymptoms</i>
<b>Required in VA Specific XSD – Yes</b>		<b>Accepts Null Values</b>	<b>Yes</b>
<b>Multiple Entry Configuration</b>	Yes		

**Table Location** (for OEMS & Service Bridge Users)

Stored in Table: INC\_OtherAssocSymp

Stored in Field: OtherAssocSymptoms

**Required to be reported in VA – Yes**  
**National Element – Yes**

**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).

**Field Values**

<b>-25</b>	Not Applicable	<b>-20</b>	Not Recorded
<b>-15</b>	Not Reporting	<b>-10</b>	Not Known
<b>-5</b>	Not Available	<b>1615</b>	789.00- Abdominal pain / problems
<b>1620</b>	519.80- Airway obstruction	<b>1625</b>	995.30- Allergic reaction
<b>1630</b>	780.09- Altered level of consciousness	<b>1635</b>	312.90- Behavioral / psychiatric disorder
<b>1640</b>	427.50- Cardiac arrest	<b>1645</b>	427.90- Cardiac rhythm disturbance
<b>1650</b>	786.50- Chest pain / discomfort	<b>1655</b>	250.90- Diabetic symptoms (hypoglycemia)
<b>1660</b>	994.80- Electrocutation	<b>1665</b>	780.60- Fever/Hyperthermia
<b>1670</b>	780.90- Hypothermia	<b>1675</b>	785.59- Hypovolemia / shock
<b>1680</b>	987.90- Inhalation injury (toxic gas)	<b>1685</b>	798.99- Obvious death
<b>1690</b>	977.90- Poisoning / drug ingestion	<b>1695</b>	659.90- Pregnancy / OB delivery
<b>1700</b>	786.09- Respiratory distress	<b>1705</b>	799.10- Respiratory arrest
<b>1710</b>	780.30- Seizure	<b>1715</b>	959.90- Sexual assault / rape
<b>1720</b>	987.90- Smoke inhalation	<b>1725</b>	989.50- Stings / venomous bites
<b>1730</b>	436.00- Stroke / CVA	<b>1735</b>	780.20- Syncope / fainting
<b>1740</b>	959.90- Traumatic injury	<b>1745</b>	623.80- Vaginal hemorrhage
<b>569000</b>	Abdominal Aortic Aneurysm	<b>569001</b>	Asthma
<b>569037</b>	Back Pain (non-traumatic)	<b>569002</b>	Bowel Obstruction
<b>569030</b>	COPD (Emphysema/Chronic Bronchitis)	<b>569004</b>	CHF (Congestive Heart Failure)
<b>569006</b>	Dehydration	<b>569007</b>	Diabetic - Hyperglycemia
<b>569008</b>	ETOH Abuse	<b>569038</b>	Diarrhea
<b>569009</b>	G.I. Bleed	<b>569040</b>	Epistaxis (non-traumatic)
<b>569031</b>	General Malaise	<b>569010</b>	Headache
<b>569011</b>	Heat Exhaustion/Stroke	<b>569012</b>	Hypertension
<b>569013</b>	Hypotension	<b>569035</b>	Nausea/Vomiting (unk etiology)
<b>569033</b>	No apparent illness of injury	<b>569014</b>	OB/Delivery
<b>569039</b>	Migraine	<b>569015</b>	Other
<b>569016</b>	Other Abdominal/GI Problem	<b>569017</b>	Other Cardiovascular Problem
<b>569018</b>	Other CNS Problem	<b>569019</b>	Other Endocrine/Metabolic Problem
<b>569021</b>	Other GU Problem	<b>569022</b>	Other Illness/Injury
<b>569023</b>	Other OB/Gyn	<b>569024</b>	Pain
<b>569036</b>	Patient Assist Only	<b>569029</b>	Sepsis
<b>569025</b>	Substance/Drug Abuse	<b>569026</b>	Toxic Exposure
<b>569005</b>	TIA (Transient Ischemic Attack)	<b>569027</b>	Unconscious
<b>569028</b>	Unknown Problem	<b>569032</b>	Weakness

**Additional Information**

- ICD-9 Codes were retained over ICD-10 due to CMS’s continued use of ICD-9 in the EMS Condition Codes

**Uses**

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the EMS personnel's clinical impression
- Allows data to describe the EMS patient population based on EMS personnel impression of the EMS patient's problem

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ProvidersPrimaryImpression*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** **Yes**

**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Situation

Stored in Field: ProviderPrimImpression

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Provider Impression/Assessment; The emergency providers single most important impression/assessment which drove the choice of treatment; [combo] Abdominal Pain = 10, Airway Obstruction = 11, Allergic Reaction, excludes stings & venomous bites = 12, Altered Level of Consciousness = 13, Behavioral-Mental Status, Psychiatric Disorder = 14, Burns = 15, Cardiac Arrest = 16, Cardiac Dysrhythmia = 17, Chest Pain = 18, Diabetic Symptom = 19, Do Not Resuscitate = 20, Electrocutation = 21, General Illness = 2, Hemorrhaging/Bleeding = 23, Hyperthermia = 24, Hypothermia = 25, Hypovolemia = 26, Inhalation Injury, Toxic Gases = 27, Obvious Death = 28, Overdose/Poisoning = 29, Pregnancy/OB = 30, Respiratory Arrest = 31, Respiratory Distress = 32, Seizure = 33, Sexual Assault = 34, Sting/Bite = 35, Stroke/CVA = 36, Syncope, Fainting = 37, Trauma = 38, Other Impression/Assessment = 00, None/No patient or refused Treatment = NN

## PROVIDER'S SECONDARY IMPRESSION

E09\_16

**Required to be reported in VA – Yes**  
**National Element - Yes**

### 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).

### Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	1750	789.00- Abdominal pain / problems
1755	519.80- Airway obstruction	1760	995.30- Allergic reaction
1765	780.09- Altered level of consciousness	1770	312.90- Behavioral / psychiatric disorder
1775	427.50- Cardiac arrest	1780	427.90- Cardiac rhythm disturbance
1785	786.50- Chest pain / discomfort	1790	250.90- Diabetic symptoms (hypoglycemia)
1795	994.80- Electrocutation	1800	780.60- Fever/Hyperthermia
1805	780.90- Hypothermia	1810	785.59- Hypovolemia / shock
1815	987.90- Inhalation injury (toxic gas)	1820	798.99- Obvious death
1825	977.90- Poisoning / drug ingestion	1830	659.90- Pregnancy / OB delivery
1835	786.09- Respiratory distress	1840	799.10- Respiratory arrest
1845	780.30- Seizure	1850	959.90- Sexual assault / rape
1855	987.90- Smoke inhalation	1860	989.50- Stings / venomous bites
1865	436.00- Stroke / CVA	1870	780.20- Syncope / fainting
1875	959.90- Traumatic injury	1880	623.80- Vaginal hemorrhage
570000	Abdominal Aortic Aneurysm	570001	Asthma
570037	Back Pain (non-traumatic)	570002	Bowel Obstruction
570003	Cancer	570030	COPD (Emphysema/Chronic Bronchitis)
570004	CHF (Congestive Heart Failure)	570006	Dehydration
570007	Diabetic - Hyperglycemia	570038	Diarrhea
570040	Epistaxis (non-traumatic)	570008	ETOH Abuse
570009	G.I. Bleed	570031	General Malaise
570010	Headache	570011	Heat Exhaustion/Stroke
570012	Hypertension	570013	Hypotension
570035	Nausea/Vomiting (unk etiology)	570033	No apparent illness of injury
570014	OB/Delivery	570039	Migraine
570015	Other	570016	Other Abdominal/GI Problem
570017	Other Cardiovascular Problem	570018	Other CNS Problem
570019	Other Endocrine/Metabolic Problem	570021	Other GU Problem
569022	Other Illness/Injury	570023	Other OB/Gyn
570024	Pain	570036	Patient Assist Only
570029	Sepsis	570025	Substance/Drug Abuse
570026	Toxic Exposure	570005	TIA (Transient Ischemic Attack)
570027	Unconscious	570028	Unknown Problem
570032	Weakness		

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the EMS personnel's clinical impression
- Allows data to describe the EMS patient population based on EMS personnel impression of the EMS patient's

problem

**Data Collector**

- EMS personnel

**Other Associated Elements**

**E00** Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

**Technical Info:**

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ProvidersSecondaryImpression*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** **Yes**

**Multiple Entry Configuration:** No

**Table Location** (for OEMS & Service Bridge Users)

Stored in Table: INC\_Situation

Stored in Field: ProviderSecImpression

# CAUSE OF INJURY

E10\_01

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	1885	Bites (E906.0)
9500	Aircraft related accident (E84X.0)	9505	Bicycle Accident (E826.0)
9515	Chemical poisoning (E86X.0)	9520	Child battering (E967.0)
9525	Drowning (E910.0)	9530	Drug poisoning (E85X.0)
9535	Electrocution (non-lightning) (E925.0)	9540	Excessive Cold (E901.0)
9545	Excessive Heat (E900.0)	9550	Falls (E88X.0)
9555	Fire and Flames (E89X.0)	9560	Firearm assault (E965.0)
9565	Firearm injury (accidental) (E985.0)	9570	Firearm self inflicted (E955.0)
9575	Lightning (E907.0)	9580	Machinery accidents (E919.0)
9585	Mechanical Suffocation (E913.0)	9590	Motor Vehicle non-traffic accident (E82X.0)
9595	Motor Vehicle traffic accident (E81X.0)	9600	Motorcycle Accident (E81X.1)
9605	Non-Motorized Vehicle Accident (E848.0)	9610	Pedestrian traffic accident (E814.0)
9615	Radiation exposure (E926.0)	9620	Rape (E960.1)
9625	Smoke Inhalation (E89X.2)	9630	Stabbing/Cutting Accidental (E986.0)
9635	Stabbing/Cutting Assault (E966.0)	9640	Struck by Blunt/Thrown Object (E968.2)
9645	Venomous stings (plants, animals) (E905.0)	9650	Water Transport accident (E83X.0)
580000	Assault	580006	Burn - Hot Substance
580026	Burns-Chemical	580028	Burns - Thermal
580019	Elder Abuse/Neglect	580002	Entrapped (Non-MVC)
580004	Explosion	580005	Foreign Body Entering Eye/Orifice
580001	MVC - ATV	580017	MVC vs. Large Animal
580010	Overexertion	580009	Other Injury

## Additional Information

- Complete only if Possible Injury (E09\_04) is "Yes"
- ICD-9 Codes were retained over ICD-10 due to CMS's continued use of ICD-9 in the EMS Condition Codes

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the traumatic cause of injury
- Allows data to describe the cause of a traumatic event

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle AND E09\_15 is 1660-Electrocution, 1680-Inhalation Injury, 1690-Poisoning/drug ingestion, 1715-Sexual Assault, 1725-Stings/Venomous Bites, 1740-Traumatic Injury, 569026-Toxic Exposure (other provider impression codes may be applicable.)

**Quality Measure:** 95%

**Technical Info:**

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *CauseOfInjury*  
**Required in VA Specific XSD – Yes**      **Accepts Null Values** **Yes**  
**Multiple Entry Configuration:** No

**Table Location** (for OEMS & Service Bridge Users)

Stored in Table: INC\_SituationTrauma

Stored in Field: CauseOfInjury

**References to Other Databases**

- NFIRS 5.0 EMS Module; Title: Cause of Illness/Injury; The immediate cause or condition responsible for the injury or illness; Pick-List: Chemical Exposure = 10, Drug Poisoning = 11, Fall = 12, Aircraft Related = 13, Bite, Includes Animal Bites = 14, Bicycle Accident = 15, Building Collapse/Construction Accident = 16, Downing = 17, Electrical Shock = 18, Cold = 19, Heat = 20, E explosives - 21, Fire and Flames - 22, Firearm = 23, Fireworks = 25, Lightning = 26, Machinery = 27, Mechanical Suffocation = 28, Motor Vehicle Accident = 29, Motor Vehicle Accident, Pedestrian = 30, Non-Traffic Vehicle (off road) Accident = 31, Physical Assault/Abuse = 32, Scalds/Other Thermal = 33, Smoke Inhalation = 34, Stabbing

# INTENT OF THE INJURY

E10\_02

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

The intent of the individual inflicting the injury

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2020 Intentional, Other (Assaulted)
2025 Intentional, Self	2030 Unintentional
581004 Legal Intervention (injured during law enforcement)	

## Additional Information

- Complete only if Possible Injury

## Uses

- Important component of an EMS Medical Record: documentation of Intentional, Self
- Used to better define injury cause and describe injury patterns within and EMS community

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes

## Other Associated Elements

E00 Common Null Values

## Validation Rules

## Quality Measure

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *IntentOfInjury*

**Required in VA Specific XSD – No**

**Accepts Null Values** Yes

**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_SituationTrauma

Stored in Field: IntentOfInjury

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Other Factors; Describes the other factors that contributed to the patient's injury. Not to be completed with an illness.; Pick-List: Accidental = 1, Self-Inflicted = 2, Inflicted, Not Self. Included are attacks by animals and persons = 3, None or No Other Factors = N

# VEHICULAR INJURY INDICATORS

E10\_04

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2055 Dash Deformity
2060 DOA Same Vehicle	2065 Ejection
2070 Fire	2075 Rollover/Roof Deformity
2080 Side Post Deformity	2085 Space Intrusion >1 foot
2090 Steering Wheel Deformity	2095 Windshield Spider/Star

## Additional Information

- Complete only if Possible Injury (E09\_04) is “Yes”

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Used to better define injury cause and describe injury patterns within and EMS community

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes and there is a vehicle involved

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle AND E10\_01-Cause of Injury is 9590-MVC non-traffic or 9595-MVC.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

<b>XSD Data Type</b>	<i>xs:integer</i>	<b>XSD Domain (Simple Type)</b>	<i>VehicularInjuryIndicators</i>
<b>Required in VA Specific XSD – No</b>		<b>Accepts Null Values</b>	<b>Yes</b>
<b>Multiple Entry Configuration</b>	Yes		

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_VehicleInjury

Stored in Field: VehicleInjury

## References to Other Databases

- TREDIS – DMV crash data

# AREA OF THE VEHICLE IMPACTED BY THE COLLISION

E10\_05

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

The area or location of impact on the vehicle

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2100 Center Front
2105 Center Rear	2110 Left Front
2115 Left Rear	2120 Left Side
2125 Right Front	2130 Right Rear
2135 Right Side	2140 Roll Over

## Additional Information

- Complete only if Possible Injury (E09\_04) is “Yes”

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Used to better define injury cause and describe injury patterns within and EMS community

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes and there is a vehicle involved

## Other Associated Elements

**E00** Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle AND E10\_01-Cause of Injury is 9590-MVC non-traffic or 9595-MVC.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] multiple-choice

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *AreaOfVehicleImpact*  
**Required in VA Specific XSD – No**      **Accepts Null Values** **Yes**  
**Multiple Entry Configuration**      Yes

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_VehicleImpact

Stored in Field: VehicleImpact

## References to Other Databases

- TREDIS – DMV crash data

# USE OF SAFETY EQUIPMENT

E10\_08

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2170 Child Restraint
2175 Eye Protection	2180 Helmet Worn
2185 Lap Belt	2187 No Safety Equipment/Devices Used
2190 Other	2195 Personal Floatation Device
2200 Protective Clothing Gear	2205 Protective Non-Clothing Gear
2210 Shoulder Belt	587005 Protective Safety Belt (Non-MVC)

## Additional Information

- Complete only if Possible Injury (E09\_04) is “Yes”

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Important component of an EMS Medical Record to identify issues of clinical care and agency performance and delivery
- Used to better define injury cause and describe injury patterns within and EMS community

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes and there is a vehicle involved

## Other Associated Elements

E00 Common Null Values

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Safety Equipment; Multiple Select Pick-List: Safety, Seat Belts =1, Child Safety Seat = 2, Airbag = 3, Helmet = 4, Protective Clothing = 5, Flotation Device = 6, None or No Safety Equipment = N, Other Safety Equipment Used = O, Undetermined Safety Equipment = U

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle **AND** E10\_01-Cause of Injury is 9590-MVC non-traffic or 9595-MVC; may also be used with E10\_01 9500-Aircraft Related Accident, 9505-Bicycle Accident, 9525-Drowning, 9535-Electrocution (non-lightning), 9600-Motorcycle Accident, 9610-Pedestrian Traffic Accident, 9615-Radiation Exposure, 9630-Stabbing/Cutting Accidental, 9640-Struck by Blunt/Thrown Object, 9650-Watercraft Accident, 580006-Burn – Hot Substance, 580026, Burns – Chemical, 580028 Burns – Thermal, 580002-Entrapped (non-MVC), 580005-Foreign Body Eye/Orifice, 580001-MVC – ATV, or MVC – Large Animal.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *UseOfOccupantSafetyEquipment*  
**Required in VA Specific XSD – No** **Accepts Null Values** **Yes**

**Multiple Entry Configuration**      Yes

**Table Location** (for OEMS & Service Bridge Users)

Stored in Table: INC\_SafetyEquipment

Stored in Field: UseSafetyEquip

**References to Other Databases**

- TREDS – DMV crash data

# AIRBAG DEPLOYMENT

E10\_09

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

Indication of Airbag deployment during the motor vehicle crash.

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2215 No Airbag Present
2220 No Airbag Deployed	2225 Airbag Deployed Front
2230 Airbag Deployed Side	2235 Airbag Deployed Other (knee, airbelt, etc.)

## Additional Information

- Complete only if Possible Injury (E09\_04) is “Yes” **Validation Rules** When E90\_6 is not null

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Important component of an EMS Medical Record to identify issues of clinical care and agency performance and delivery
- Used to better define injury cause and describe injury patterns within and EMS community

## Data Collector

- EMS personnel if Possible Injury (E09\_04) is answered Yes and there is a vehicle involved

## Other Associated Elements

E00 Common Null Values	E10_04 Vehicular Injury Indicators
E10_05 Area of the Vehicle Impacted by the Collision	E10_08 Use of Occupant Safety Equipment
IT8_19 Exterior Damage	IT5_06 Motor Vehicle Type

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle AND E10\_01-Cause of Injury is 9590-MVC non-traffic or 9595-MVC.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

<b>XSD Data Type</b> <i>xs:integer</i>	<b>XSD Domain (Simple Type)</b> <i>AirbagDeployment</i>
<b>Required in VA Specific XSD – No</b>	<b>Accepts Null Values</b> <b>Yes</b>
<b>Multiple Entry Configuration</b> <b>Yes</b>	

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AirbagDeploy

Stored in Field: AirbagDeploy

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Safety Equipment; Multiple Select Pick-List: Safety, Seat Belts =1, Child Safety Seat = 2, Airbag = 3, Helmet = 4, Protective Clothing = 5, Flotation Device = 6, None or No Safety Equipment = N, Other Safety Equipment Used = O, Undetermined Safety Equipment = U
- TREDIS DMV crash data

# HEIGHT OF FALL

E10\_10

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The distance in feet the patient fell, measured from the lowest point of the patient to the ground. Ground level falls are noted as -0- feet.

## Field Values

## Additional Information

- Complete only if Possible Injury (E09\_04) is “Yes”

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Important component of an EMS Medical Record to identify issues of clinical care and agency performance and delivery
- Used to better define injury cause and describe injury patterns within and EMS community

## Data Collector

- EMS personnel if Possible Injury is answered Yes

## Other Associated Elements

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle **AND** E10\_01-Cause of Injury is 9550-Falls.

**Quality Measure:** 95%

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

<b>XSD Data Type</b>	<i>xs:integer</i>	<b>XSD Domain (Simple Type)</b>	<i>HeightOfFall</i>
<b>Required in VA Specific XSD – No</b>		<b>Accepts Null Values</b>	<b>No</b>
<b>Minimum Constraint:</b>	1	<b>Maximum Constraint:</b>	50,000 <b>Multiple Entry Configuration:</b> No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_SituationTrauma

Stored in Field: HeightOfFall

# CARDIAC ARREST

E11\_01

**Required to be reported in VA – Yes**  
**National Element – Yes**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	0 No
2240 Yes, Prior to EMS Arrival	2245 Yes, After EMS Arrival

## Additional Information

- If answered YES, all other data points in the Situation/CPR should be addressed

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the occurrence of a cardiac arrest
- Allows data to describe the number of cardiac arrests within the EMS patient population

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *CardiacArrest*  
**Required in VA Specific XSD – Yes**      **Accepts Null Values** **Yes**  
**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_SituationCPR

Stored in Field: CardiacArrest

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Cardiac Arrest; Pick-List: Pre-Arrival Arrest = 1, Post-Arrival Arrest = 2
- UTSTEIN Title: Confirmed Cardiac Arrests Considered for Resuscitation

# CARDIAC ARREST ETIOLOGY

E11\_02

**Required to be reported in VA – Yes**  
**National Element – Yes**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2250 Presumed Cardiac
2255 Trauma	2260 Drowning
2265 Respiratory	2270 Electrocution
2275 Other	601000 SIDS (Suspected)

## Additional Information

- Complete only if Cardiac Arrest (E11\_01) is “Yes”

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the occurrence of a cardiac arrest
- Allows data to describe the number of cardiac arrests within the EMS patient population

## Data Collector

- EMS personnel if Cardiac Arrest

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle **AND** E09\_15 Providers Primary Impression is 1640-Cardiac Arrest **OR** E09\_16 Providers Secondary Impression is 1775-Cardiac Arrest **OR** E09\_13 Primary Symptom is 567003 Cardiorespiratory Arrest **OR** E09\_14 Other Associated Symptoms is 568003 Cardiorespiratory Arrest.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *CardiacArrestEtiology*  
**Required in VA Specific XSD – Yes**      **Accepts Null Values** **Yes**  
**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_SituationCPR

Stored in Field: CardiacArrestEtiology

## References to Other Databases

- **UTSTEIN** Title: Cardiac Etiology; Presumed Cardiac = C, Trauma = T, Drowning = D, Respiratory = R, Other = O, Unknown = U

# RESUSCITATION ATTEMPTED

E11\_03

**Required to be reported in VA – Yes**  
**National Element – Yes**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2280 Attempted Defibrillation
2285 Attempted Ventilation	2290 Initiated Chest Compressions
2295 Not Attempted-Considered Futile	2300 Not Attempted-DNR Orders
2305 Not Attempted-Signs of Circulation	

## Additional Information

- Complete only if Cardiac Arrest (E11\_01) is “Yes”

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the type of resuscitation initiated during a cardiac arrest
- Allows data to describe the number of cardiac arrests within the EMS patient population which resulted in resuscitative efforts

## Data Collector

- EMS personnel if Cardiac Arrest

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle **AND** E09\_15 Providers Primary Impression is 1640-Cardiac Arrest **OR** E09\_16 Providers Secondary Impression is 1775-Cardiac Arrest **OR** E09\_13 Primary Symptom is 567003 Cardiorespiratory Arrest **OR** E09\_14 Other Associated Symptoms is 568003 Cardiorespiratory Arrest.

**Quality Measure:** 95%

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ResuscitationAttempted*  
**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**  
**Multiple Entry Configuration:** Yes

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Resuscitation

Stored in Field: ResAttempted

## References to Other Databases

- **UTSTEIN** Title: Resuscitations Attempted; Attempted Defibrillation = D, Attempted Chest Compressions = C, Attempted Ventilation = V, Not Attempted-DNR Orders = R, Not Attempted-Considered Futile = F, Not Attempted-Signs of Circulation = A, Unknown = U, Not Record

# FIRST MONITORED RHYTHM OF THE PATIENT

E11\_05

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

Documentation of what the first monitored rhythm which was noted

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2325 Asystole
2330 Bradycardia	2335 Normal Sinus Rhythm
2340 Other	2345 PEA
2350 Unknown AED Non-Shockable Rhythm	2355 Unknown AED Shockable Rhythm
2360 Ventricular Fibrillation	2365 Ventricular Tachycardia
604000 Paced Rhythm	

## Additional Information

- Complete only if Cardiac Arrest

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the First Monitored Rhythm of a cardiac arrest
- Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and agency response

## Data Collector

- EMS personnel if Cardiac Arrest

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle **AND** E09\_15 Providers Primary Impression is 1640-Cardiac Arrest **OR** E09\_16 Providers Secondary Impression is 1775-Cardiac Arrest **OR** E09\_13 Primary Symptom is 567003 Cardiorespiratory Arrest **OR** E09\_14 Other Associated Symptoms is 568003 Cardiorespiratory Arrest.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *FirstMonitoredRhythm*  
**Required in VA Specific XSD – No** **Accepts Null Values** **Yes**  
**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_SituationCPR

Stored in Field: FirstMonitoredRhythm

## References to Other Databases

- **NFIRS 5.0** EMS Module; Title: Initial Arrest Rhythm; Pick-List: V-Fib/V-Tach = 1, Other = O, Undetermined = U
- **UTSTEIN** Title: First Monitored Rhythm Shockable (in Cardiac Arrest) and First Monitored Rhythm Non-Shockable; [combo] Ventricular Fibrillation, Ventricular Tachycardia, Unknown AED Shockable Rhythm, Asystole, PEA, Bradycardia, Other, Unknown AED Non-Shockable Rh

# ANY RETURN OF SPONTANEOUS CIRCULATION

E11\_06

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2380 No
2370 Yes, Prior to ED Arrival Only	2375 Yes, Prior to ED Arrival and at the ED

## Additional Information

- Complete only if Cardiac Arrest

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the Return of Spontaneous Circulation associated with a cardiac arrest
- Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and agency response

## Data Collector

- EMS personnel if Cardiac Arrest

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle **AND** E09\_15 Providers Primary Impression is 1640-Cardiac Arrest **OR** E09\_16 Providers Secondary Impression is 1775-Cardiac Arrest **OR** E09\_13 Primary Symptom is 567003 Cardiorespiratory Arrest **OR** E09\_14 Other Associated Symptoms is 568003 Cardiorespiratory Arrest.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

<b>XSD Data Type</b>	<i>xs:integer</i>	<b>XSD Domain (Simple Type)</b>	<i>ReturnOfSpontaneousCirculation</i>
<b>Required in VA Specific XSD – No</b>		<b>Accepts Null Values</b>	<b>Yes</b>
<b>Multiple Entry Configuration</b>	Yes		

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_SituationCPR

Stored in Field: ReturnOfSpontCirculation

## References to Other Databases

- UTSTEIN Title: Any Return of Spontaneous Circulation (ROSC); [combo] Yes = Y, No = No, U = Unknown

# DATE/TIME RESUSCITATION DISCONTINUED

E11\_09

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

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

## Field Values

## Additional Information

- Complete only if Cardiac Arrest
- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and agency response

## Data Collector

- EMS personnel if Cardiac Arrest

## Other Associated Elements

E01\_01 Patient Care Report Number

**Validation Rules** Included in all records where E11\_03 Resuscitation Attempted is 2280-Attempted Defibrillation, 2285 Attempted Defibrillation, or 2290-Initiated Chest Compressions.

**Quality Measure** 95%

## Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – No** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 1,990** **Maximum Constraint: 2,030** **Multiple Entry Configuration: No**

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_SituationCPR

Stored in Field: ResuscitationDiscontinued

## REASON CPR DISCONTINUED

E11\_10

**Required to be reported in VA – Yes**  
**National Element - No**

### Definition

The reason that CPR or the resuscitation efforts were discontinued.

### Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2430 DDNR/DNR
2435 Medical Control Order	2440 Obvious Signs of Death
2445 Protocol/Policy Requirements Completed	2450 Return of Spontaneous Circulation (pulse or BP noted)

### Additional Information

- Complete only if Cardiac Arrest

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and agency response

### Data Collector

- EMS personnel if Cardiac Arrest

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle **AND** E09\_15 Providers Primary Impression is 1640-Cardiac Arrest **OR** E09\_16 Providers Secondary Impression is 1775-Cardiac Arrest **OR** E09\_13 Primary Symptom is 567003 Cardiorespiratory Arrest **OR** E09\_14 Other Associated Symptoms is 568003 Cardiorespiratory Arrest.

**Quality Measure:** 95%

### Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ReasonCPRDiscontinued*

**Required in VA Specific XSD – No**

**Accepts Null Values** **Yes**

**Multiple Entry Configuration:** No

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_SituationCPR

Stored in Field: ReasonCPRDiscontinued

### Other Associated Elements

**E00** Common Null Values

# CARDIAC RHYTHM ON ARRIVAL AT DESTINATION

E11\_11

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The patient's cardiac rhythm upon delivery to the hospital or transfer of care to another

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	2455	12 Lead ECG-Anterior Ischemia
2460	12 Lead ECG-Inferior Ischemia	2465	12 Lead ECG-Lateral Ischemia
2470	Agonal/Idioventricular	2475	Artifact
2480	Asystole	2485	Atrial Fibrillation/Flutter
2490	AV Block-1st Degree	2495	AV Block-2nd Degree-Type 1
2500	AV Block-2nd Degree-Type 2	2505	AV Block-3rd Degree
2510	Junctional	2515	Left Bundle Branch Block
2520	Normal Sinus Rhythm	2525	Other
2530	Paced Rhythm	2535	PEA
2540	Premature Atrial Contractions	2545	Premature Ventricular Contractions
2550	Right Bundle Branch Block	2555	Sinus Arrhythmia
2560	Sinus Bradycardia	2565	Sinus Tachycardia
2570	Supraventricular Tachycardia	2575	Torsades De Points
2580	Unknown AED Non-Shockable Rhythm	2585	Unknown AED Shockable Rhythm
2590	Ventricular Fibrillation	2595	Ventricular Tachycardia
610000	12 Lead EKG-Septal Ischemia	610001	S-T Segment Depression
610002	S-T Segment Elevation		

## Additional Information

- Complete only if Cardiac Arrest
- This data point could be completed by documentation of the final rhythm in the Vital Signs Section (E14) with the appropriate time

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows for evaluation of Cardiac Arrest data for Quality Improvement of patient care and agency response

## Data Collector

- EMS personnel if Cardiac Arrest (E11\_01) is answered Yes

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS, **AND** E09\_15 Providers Primary Impression is 1640-Cardiac Arrest **OR** E09\_16 Providers Secondary Impression is 1775-Cardiac Arrest **OR** E09\_13 Primary Symptom is 567003 Cardiorespiratory Arrest **OR** E09\_14 Other Associated Symptoms is 568003 Cardiorespiratory Arrest.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *CardiacRythmAtDestination*  
**Required in VA Specific XSD – No**      **Accepts Null Values** **Yes**  
**Multiple Entry Configuration:** Yes

**Table Location** (for OEMS & Service Bridge Users)

Stored in Table: INC\_CardiacRhythmDest

Stored in Field: CardiacRhythmDest

# BARRIERS TO PATIENT CARE

E12\_01

**Required to be reported in VA – Yes**  
**National Element – Yes**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2600 Developmentally Impaired
2605 Hearing Impaired	2610 Language
2615 None	2620 Physically Impaired
2625 Physically Restrained	2630 Speech Impaired
2635 Unattended or Unsupervised (including minors)	2640 Unconscious
620000 Combative Patient	620002 Weather

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on any barriers to patient care
- Allows data to describe any barriers to care within the EMS agency which is important to many federal initiatives

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Human Factors; Describes the human factors that contributed to the patient's injury; Pick-List: Asleep = 1, Unconscious = 2, Possibly Impaired by Alcohol = 3, Possibly Impaired by Other Drug or Chemical = 4, Possibly Mentally Disabled = 5, Physically Disabled = 6, Physically Restrained = 7, Unattended or Unsupervised Person, Included are too young to act = 8, None or No Human Factors = N

**Validation Rules** n/a

**Quality Measure** n/a

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *BarriersToPatientCare*  
**Required in VA Specific XSD – Yes**      **Accepts Null Values** **Yes**  
**Multiple Entry Configuration**      Yes

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_BarrierPatientCare

Stored in Field: BarrierPatientCare

# MEDICAL/SURGICAL HISTORY

E12\_10

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

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

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	23070	Patient Denies PMH
23065	Parent/Guardian Denies PMH	23095	Unable to Obtain PMH
629061	Allergic Reaction	23000	Amputee
629091	Anemia	629062	Aneurysm
629063	Arthritis	629064	Back pain
629024	Cancer - Bone	629060	Cancer - Brain
629023	Cancer - Breast	629025	Cancer - Colon
629065	Cancer - Hodgkin's Disease	629026	Cancer - Kidney
629066	Cancer - Leukemia	629027	Cancer - Liver
629028	Cancer - Lung	629029	Cancer - Ovarian/Uterine
629085	Cancer - Prostate	23990	Cancer - Unspecified/Other
629053	Cardiac - Angioplasty	629047	Cardiac - Angina
629067	Cardiac - Arrest S/P	629069	Cardiac - Congenital Heart Disease
41210	Cardiac - Congestive Heart Failure	41215	Cardiac - Coronary Artery Disease
629048	Cardiac - CABG	629001	Cardiac - Dysrhythmia/Arrhythmia
629052	Cardiac - Heart Transplant	41220	Cardiac - Myocardial Infarction
629002	Cardiac - Pacemaker/Internal Defib	41225	Cardiac - Stent
41200	Cardiac - Unspecified/Other	629068	Chronic Pain
58500	Chronic Renal Failure/Dialysis	629045	Developmentally Delayed/Mental Retardation
25000	Diabetes	629005	Endocrine - Hyperthyroidism
629006	Endocrine - Hypothyroidism	629007	Endocrine - Unspecified/Other
629018	GI/GU - Diverticulitis	629017	GI/GU - Irritable Bowel Syndrome
629071	GI/GU - Kidney/Renal Stones	629086	GI/GI - Gallstones
629015	GI/GU - Gastric Reflux	629019	GI/GU - Ostomy
629020	GI/GU - Pancreatitis	629016	GI/GU - Ulcers
629021	GI/GU - Urinary Tract Infection (UTI)	629022	GI/GU - Unspecified
23045	HIV/AIDS	629013	Hepatic - Cirrhosis
629009	Hepatic - Hepatitis A	629010	Hepatic - Hepatitis B
629011	Hepatic - Hepatitis C	629012	Hepatic - Hepatitis Other
629008	Hepatic - Liver Failure	629014	Hepatic - Unspecified/Other
629056	Hypercholesterolemia	40190	Hypertension
629003	Hypotension	629072	Malnutrition
629057	Neuro - Alzheimer's	629033	Neuro - Cerebral Palsy
629058	Neuro - Dementia	629073	Neuro - Down's Syndrome
629034	Neuro - Fibromyalgia	629051	Neuro - Migraine Headaches
629074	Neuro - Lupus	629032	Neuro - Multiple Sclerosis
629075	Neuro - Multiple Dystrophy	629076	Neuro - Myasthenia Gravis
629059	Neuro - Parkinson's	629035	Neuro - Paraplegia
629036	Neuro - Quadriplegia	629082	Neuro - Spinal Cord Injury
23075	Neuro -Stroke/CVA	23085	Neuro - Stroke/TIA (Transient Ischemic Attack)
629031	Neuro - Traumatic Brain Injury	629037	Neuro - Unspecified/Other
629092	Obesity	629077	OB/Gyn - Ectopic Pregnancy
629079	OB/Gyn - Miscarriage	629084	OB/Gyn - Pregnant
629046	OB/Gyn - Premature Birth	629078	OB/Gyn - Other Gyn Problem
629087	Ortho - Back Surgery	629088	Ortho - Degenerative Disc Disease
629089	Ortho - Hip Fracture	629090	Ortho - Hip Replacement
23055	Osteoporosis	79990	Other - PMH

<b>629043</b>	Psych/Behavioral - Anxiety Disorder	<b>629042</b>	Psych/Behavioral - Attention Deficit Disorder
<b>629038</b>	Psych/Behavioral - Depression	<b>629040</b>	Psych/Behavioral - Manic/Depressive (Bi-Polar)
<b>629039</b>	Psych/Behavioral - Obsessive Compulsive Disorder	<b>629041</b>	Psych/Behavioral - Schizophrenia
<b>31290</b>	Psych/Behavioral - Other Problems	<b>49390</b>	Respiratory - Asthma
<b>23035</b>	Respiratory - Chronic Bronchitis	<b>23040</b>	Respiratory - Chronic Emphysema
<b>51881</b>	Respiratory - COPD	<b>629081</b>	Respiratory - Pulmonary Edema
<b>4400</b>	Respiratory - Tracheostomy	<b>1190</b>	Respiratory - Tuberculosis
<b>78030</b>	Seizure Disorder	<b>629055</b>	Sickle Cell Anemia
<b>629093</b>	Smoking	<b>23080</b>	Substance Abuse - ETOH/Other
<b>629054</b>	Substance Abuse - Inhalant Abuse	<b>23050</b>	Substance Abuse - IV Drug Use
<b>629083</b>	Traumatic Injury	<b>629070</b>	Vascular - Embolus/Thrombus
<b>629080</b>	Vascular - Peripheral Vascular Disease		

### Additional Information

- A Medical/Surgical History list should be created to serve as a listbox which can contain any ICD-9 coded diagnosis or procedure.
- The field should store the values of the ICD-9 codes since CMS has not adopted ICD-10 level codes at the time of this document

### Uses

- Part of an EMS Medical Record
- Analysis of co-morbidity

### Data Collector

- EMS personnel

### Other Associated Elements

**E00** Common Null Values **E06\_01** Last Name

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS, 4855-Treated.

**Quality Measure:** 95%

### Technical Info:

**Data** [combo or text] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *MedicalSurgicalHistory*  
**Required in VA Specific XSD – No** **Accepts Null Values** **Yes**  
**Minimum Constraint:** 2 **Maximum Constraint:** 30 **Multiple Entry Configuration:** Yes

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_MedSurgHistory

Stored in Field: MedSurgHistory



## Required to be reported in VA – Yes National Element – Yes

### Definition

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

### Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	2985 Smell of Alcohol on Breath or About Person
2990 Patient Admits to Alcohol Use	2995 Patient Admits to Drug Use
3000 Alcohol and/or Drug Paraphernalia at Scene	3001 No Apparent Alcohol/Drug Use
638000 Patient Denies Alcohol/Drug Use	

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on alcohol/drug use indicators
- Allows data to describe Alcohol and Drug use within the EMS patient population

### Data Collector

- EMS personnel

### Other Associated Elements

E00 Common Null Values

### References to Other Databases

- NFIRS 5.0 EMS Module; Title: Human Factors; Describes the human factors that contributed to the patient's injury; Pick-List: Asleep = 1, Unconscious = 2, Possibly Impaired by Alcohol = 3, Possibly Impaired by Other Drug or Chemical = 4, Possibly Mentally Disabled = 5, Physically Disabled = 6, Physically Restrained = 7, Unattended or Unsupervised Person, Included are too young to act = 8, None or No Human Factors = N

**Validation Rules** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure** 95%

### Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *AlcoholDrugUseIndicators*

**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**

**Multiple Entry Configuration:** Yes

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_DrugUseIndicators

Stored in Field: DrugUseIndicators

# PREGNANCY

E12\_20

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	0 No
1 Yes	

## Uses

- Part of an EMS Medical Record

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS, 4855-Treated **AND** E06\_11 Gender is 655-Female **AND** E06\_14 Age is >12 and <50 **AND** E06\_15 Age Units is 715-Years.

**Quality Measure:** n/a

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*  
**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**  
**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_MedicalHistory

Stored in Field: Pregnancy

# CARDIAC RHYTHM

E14\_03

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The initial cardiac rhythm of the patient as interpreted by EMS personnel

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3005 12 Lead ECG-Anterior Ischemia
3010 12 Lead ECG-Inferior Ischemia	3015 12 Lead ECG-Lateral Ischemia
3020 Agonal/Idioventricular	3025 Artifact
3030 Asystole	3035 Atrial Fibrillation/Flutter
3040 AV Block-1st Degree	3045 AV Block-2nd Degree-Type 1
3050 AV Block-2nd Degree-Type 2	3055 AV Block-3rd Degree
3060 Junctional	3065 Left Bundle Branch Block
3070 Normal Sinus Rhythm	3075 Other
3080 Paced Rhythm	3085 PEA
3090 Premature Atrial Contractions	3095 Premature Ventricular Contractions
3100 Right Bundle Branch Block	3105 Sinus Arrhythmia
3110 Sinus Bradycardia	3115 Sinus Tachycardia
3120 Supraventricular Tachycardia	3125 Torsades De Points
3130 Unknown AED Non-Shockable Rhythm	3135 Unknown AED Shockable Rhythm
3140 Ventricular Fibrillation	3145 Ventricular Tachycardia
653004 12 Lead ECG - Septal Ischemia	653005 Paroxysmal Supraventricular Tachycardia
653003 PJC – Premature Junctional Tachycardia	653001 S-T Segment Depression
653002 S-T Segment Elevation	

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *CardiacRhythm*

**Required in VA Specific XSD – No**

**Accepts Null Values Yes**

**Multiple Entry Configuration** (1) Yes, via structure. (2) Yes for each E14\_01 Date/Time

XSD Structure: Each element in section E14 is associated with E14\_01 Date/Time

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_CardiacRhythm

Stored in Field: CardiacRhythm

# SBP (SYSTOLIC BLOOD PRESSURE)

E14\_04

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The patient's systolic blood pressure

## Field Values

## Additional Information

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E14\_01** Date/Time Vital Signs Taken

**E14\_05** DBP (Diastolic Blood Pressure)

**E14\_06** Method of Blood Pressure Measurement

**Validation Rules** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS.

**Quality Measure** 95%

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *SBP*

**Required in VA Specific XSD – No** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 0** **Maximum Constraint: 400** **Multiple Entry Configuration: Yes**, via structure

XSD Structure:

- (1) Each element in section E14 is associated with a E14\_01 Date/Time.
- (2) E14\_04, E14\_05, and E14\_06 are all members of E14\_04\_0 Blood Pressure Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: SBP

# DBP (DIASTOLIC BLOOD PRESSURE)

E14\_05

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The patient's diastolic blood pressure

## Field Values

## Additional Information

- Could be collected from Device Diastolic Blood Pressure (E21\_15)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**E14\_01** Date/Time Vital Signs Taken

**E14\_04** SBP (Systolic Blood Pressure)

**E14\_06** Method of Blood Pressure Measurement

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *DBP*

**Required in VA Specific XSD – No** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 0** **Maximum Constraint: 200** **Multiple Entry Configuration:** Yes, via structure

XSD Structure:

- (1) Each element in section E14 is associated with a E14\_01 Date/Time.
- (2) E14\_04, E14\_05, and E14\_06 are all members of E14\_04\_0 Blood Pressure Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: DBP

# METHOD OF BLOOD PRESSURE MEASUREMENT

E14\_06

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

Indication of method of blood pressure procedure.

## Field Values

3150 Arterial Line	3155 Automated Cuff
3160 Manual Cuff	3165 Palpated Cuff
3170 Venous Line	

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

E14_01 Date/Time Vital Signs Taken	E14_04 SBP (Systolic Blood Pressure)
E14_05 DBP (Diastolic Blood Pressure)	

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *MethodOfBloodPressure*  
**Required in VA Specific XSD – No**      **Accepts Null Values**      **No**

**Multiple Entry Configuration:** Yes, via structure

XSD Structure:

- (1) Each element in section E14 is associated with a E14\_01 Date/Time.
- (2) E14\_04, E14\_05, and E14\_06 are all members of E14\_04\_0 Blood Pressure Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: BPMMethod

## PULSE RATE

E14\_07

**Required to be reported in VA – Yes**  
**National Element - No**

### Definition

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

### Field Values

### Additional Information

### Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

### Data Collector

- EMS personnel or may be provided electronically through a medical device

### Other Associated Elements

**Validation Rule 1:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS.

**Quality Measure:** 95%

**Validation Rule 2:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** Should not be absent from records

### Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *PulseRate*

**Required in VA Specific XSD – No**      **Accepts Null Values:** **Yes**, but null value is blank or empty

**Minimum Constraint:** 0      **Maximum Constraint:** 500      **Multiple Entry Configuration:** Yes, via structure

XSD Structure: Each element is section E14 is associated with a E14\_01 Date/Time

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: PulseRate

### References to Other Databases

- NFIRS 5.0 EMS Module; Title: Patient Pulse; Presence of a Pulse at the time of patient transfer to another service.; Pick-List: Pulse on Transfer = 1, No; Pulse of Transfer = 2

# PULSE OXIMETRY

E14\_09

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The patient's oxygen saturation

## Field Values

## Additional Information

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes** (when pulse Ox used by agency)

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *PulseOximetry*

**Required in VA Specific XSD – No**      **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 0**      **Maximum Constraint: 100**      **Multiple Entry Configuration:** Yes, via structure

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: PulseOximetry

# PULSE RHYTHM

E14\_10

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3175 Regular - Regular
3180 Irregular - Irregular	660000 Regularly Irregular

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** When E14\_07 is not null should be included in the record

**Quality Measure:** Should not be absent from records

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *PulseRhythm*

**Required in VA Specific XSD – No**

**Accepts Null Values: Yes**

**Multiple Entry Configuration:** Yes, via structure

XSD Structure: Each element in section E14 is associated with E14\_01 Date/Time

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: PulseRhythm

# RESPIRATORY RATE

E14\_11

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

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

## Field Values

## Additional Information

- Could be collected from Device Respiratory Rate (E21\_16)

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**Validation Rule: 1** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS.

**Quality Measure:** 95%

**Validation Rule 2:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** Should not be absent from records

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *RespiratoryRate*

**Required in VA Specific XSD – No**      **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 0**      **Maximum Constraint: 100**      **Multiple Entry Configuration:** Yes, via structure

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: RespiratoryRate

# RESPIRATORY EFFORT

E14\_12

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

The patient's respiratory effort

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	3185 Normal
3190 Labored	3195 Fatigued
3200 Absent	3205 Not Assessed
662000 Agonal	662001 Assisted
662002 Shallow	

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** When E14\_11 is not null should be included in the record

**Quality Measure:** Should not be absent from records

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *RespiratoryEffort*  
**Required in VA Specific XSD – No** **Accepts Null Values** **Yes**

**Multiple Entry Configuration:** Yes, via structure

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: RespiratoryEffort

# CARBON DIOXIDE

E14\_13

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

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

## Field Values

## Additional Information

### Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

### Data Collector

- EMS personnel or may be provided electronically through a medical device

## Other Associated Elements

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** CO2

**Required in VA Specific XSD – No**      **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 0**      **Maximum Constraint: 100**      **Multiple Entry Configuration:** Yes, via structure

XSD Structure: Each element in section E14 is associated with E14\_01 Date/Time

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: CO2

## BLOOD GLUCOSE LEVEL

E14\_14

**Required to be reported in VA – Yes**  
**National Element – No**

### Definition

The patient's blood glucose level

### Field Values

### Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

### Data Collector

- EMS personnel or may be provided electronically through a medical device

### Other Associated Elements

**Validation Rules:** Should be included in records when E09\_15 Provider Primary Impression is 1630-Altered Level of Consciousness, 1655-Diabetic Symptoms (hypoglycemia), or 569007-Diabetic-Hypoglycemia **OR** E09\_16 Provider's Secondary Impression is 1765-Altered Mental Status, 1790-Diabetic Symptoms (hypoglycemia), or 570007 Diabetic.

**Quality Measure:** A high percentage should be present for agencies that allow providers to perform blood glucose checks when patient fall in this code range, especially when treated for hypoglycemia. Cannot expect data if an agency does not include this as an allowable skill for the agency or specific level of providers.

### Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *BloodGlucoseLevel*

**Required in VA Specific XSD – No** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 0** **Maximum Constraint: 2,000** **Multiple Entry Configuration:** Yes, via structure

XSD Structure: Each element in section E14 is associated with E14\_01 Date/Time

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: BloodGlucoseLevel

# GLASGOW COMA SCORE-EYE

E14\_15

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The patient's Glasgow Coma Score Eye opening

## Field Values

### For All Age Groups

Spontaneous	4
To Verbal Stimulation	3
To Painful Stimulation	2
None	1

## Additional Information

- Can be configured as a single choice list box

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E14_16</b> Glasgow Coma Score-Verbal	<b>E14_17</b> Glasgow Coma Score-Motor
<b>E14_18</b> Glasgow Coma Score-Qualifier	<b>E14_19</b> Total Glasgow Coma Score

**Validation Rule 1:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS.

**Quality Measure:** 95%

**Validation Rule 2:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** Should not be absent from records

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** GCSEye

**Required in VA Specific XSD – No** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 1** **Maximum Constraint: 4** **Multiple Entry Configuration:** Yes, via structure

XSD Structure: E14\_15, E14\_16, E14\_17, and E14\_18 are all members of E14\_15\_0 GCS Score Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table:

Stored in Field:

# GLASGOW COMA SCORE-VERBAL

E14\_16

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

The patient's Glasgow Coma Score Verbal

## Field Values

By Age Group	
Over 5 years	
Oriented/Appropriate	5
Confused	4
Inappropriate Words	3
Non-specific Sounds	2
None	1
2 - 5 years	
Appropriate Words	5
Inappropriate Words	4
Cries and/or Screams	3
Grunts	2
None	1
0 - 23 months	
Smiles/Coos/Cries Appropriately	5
Cries/Inconsolable	4
Inappropriate Cries	3
Persistent Cry/Grunting	2
None	1

## Additional Information

- Can be configured as a single choice list box

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E14\_15** Glasgow Coma Score-Eye

**E14\_17** Glasgow Coma Score-Motor

**E14\_18** Glasgow Coma Score-Qualifier

**E14\_19** Total Glasgow Coma Score

**Validation Rule 1:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS.

**Quality Measure:** 95%

**Validation Rule 2:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** Should not be absent from records

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *GCSVerbal*

**Required in VA Specific XSD – No**      **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 1**      **Maximum Constraint: 5**      **Multiple Entry Configuration:** Yes, via structure

XSD Structure: E14\_15, E14\_16, E14\_17, and E14\_18 are all members of E14\_15\_0 GCS Score Structure

### **Table Location** (for OEMS & Service Bridge Users)

Stored in Table:

Stored in Field:

# GLASGOW COMA SCORE-MOTOR

E14\_17

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The patient's Glasgow Coma Score Motor

## Field Values

By Age Group

Over 5 years

Obeys Commands	6
Localization of Pain	5
Withdrawal (pain)	4
Flexor Posturing (pain)	3
Extensor Posturing (pain)	2
None	1

Up to 5 years

Spontaneous	6
Localization of Pain	5
Withdrawal of Pain	4
Flexor Posturing (pain)	3
Extensor Posturing (pain)	2
None	1

## Additional Information

- Can be configured as a single choice list box

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E14\_15** Glasgow Coma Score-Eye

**E14\_16** Glasgow Coma Score-Verbal

**E14\_18** Glasgow Coma Score-Qualifier

**E14\_19** Total Glasgow Coma Score

**Validation Rule 1:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS.

**Quality Measure:** 95%

**Validation Rule 2:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** Should not be absent from records

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *GCSMotor*

**Required in VA Specific XSD – No**      **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 1**      **Maximum Constraint: 6**      **Multiple Entry Configuration:** Yes, via structure

XSD Structure: E14\_15, E14\_16, E14\_17, and E14\_18 are all members of E14\_15\_0 GCS Score Structure

### **Table Location** (for OEMS & Service Bridge Users)

Stored in Table:

Stored in Field:

# GLASGOW COMA SCORE-QUALIFIER

E14\_18

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

Documentation of factors which make the GCS score more meaningful.

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known
- 3210 Initial GCS has legitimate values without interventions such as intubation and sedation
- 3220 Patient Intubated
- 3215 Patient Chemically Sedated
- 3225 Patient Intubated and Chemically Paralyzed

## Additional Information

- Can be configured as a single choice list box

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

- E00 Common Null Values
- E14\_15 Glasgow Coma Score-Eye
- E14\_16 Glasgow Coma Score-Verbal
- E14\_17 Glasgow Coma Score-Motor
- E14\_19 Total Glasgow Coma Score

**Validation Rule 1:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS.

**Quality Measure:** 95%

**Validation Rule 2:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle.

**Quality Measure:** Should not be absent from records

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *GCSQualifier*  
**Required in VA Specific XSD – No**      **Accepts Null Values** **Yes**

**Multiple Entry Configuration** Yes, via structure

XSD Structure: E14\_15, E14\_16, E14\_17, and E14\_18 are all members of E14\_15\_0 GCS Score Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: GCS\_Qualifier

# PAIN SCALE

E14\_23

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The patient's indication of pain from a scale of 0 –10, 0 being no pain and 10 being the highest pain level possible.

## Field Values

## Additional Information

- Number from 0 to 10

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS agency

## Other Associated Elements

**E01\_01** Patient Care Report Number

**E14\_01** Date/Time Vital Signs Taken

**XSD Data Type** *xs:integer*

**XSD Domain (Simple Type)** *PainScale*

**Multiple Entry Configuration** Yes, via structure  
**Accepts Null Values** Yes, but null value is blank or empty

**Required in XSD** No  
**Minimum Constraint** 0  
**Maximum Constraint** 10

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

**Data** [number]

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: PainScale

# STROKE SCALE

E14\_24

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The patient's Cincinnati Stroke Scale Results

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	3275	Cincinnati Stroke Scale Negative
3280	Cincinnati Stroke Scale Non-conclusive	3285	Cincinnati Stroke Scale Positive
3290	<del>LA Stroke Scale Negative</del>	3295	<del>LA Stroke Scale Non-conclusive</del>
3300	<del>LA Stroke Scale Positive</del>		

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** Should be included in records where E19\_15 Providers Primary Impression is 1730-Stroke/CVA or 569005-TIA (Transient Ischemic Attack) **OR** E09\_16 is 1865 Stroke/CVA or 570005-TIA (Transient Ischemic Attack).

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *StrokeScale*

**Required in VA Specific XSD – No**

**Accepts Null Values: Yes**

**Multiple Entry Configuration:** Yes, via structure

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: StrokeScale

# THROMBOLYTIC SCREEN

E14\_25

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

The results of the patient's Thrombolytic Screen for potential Thrombolytic use

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 <del>Not Reporting</del>	-10 Not Known
-5 Not Available	3305 Definite Contraindications to Thrombolytic use
3310 No Contraindications to Thrombolytic Use	3315 Possible Contraindications to Thrombolytic Use

## Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values

**Validation Rules:** n/a

**Quality Measure:** n/a

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ThrombolyticScreen*

**Required in VA Specific XSD – No**

**Accepts Null Values Yes**

**Multiple Entry Configuration:** Yes, via structure

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: ThrombolyticScreen

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

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

## Field Values

### Additional Information

- Apgar score could be configured as a single choice combo box with values from 0 -10
- Color: 0 = Blue, Pale, 1 = Body Pink, Extremities Blue, 2 = Pink
- Heart Rate: 0 = Absent, 1 = <100, 2 = >100
- Muscle Tone: 0 = Limp, 1 = Some Flexion, 2 = Good Flexion
- Reflex Irritability (when feet stimulated): 0 = No Response, 1 = Some Motion, 2 = Cry
- Respiratory Effort: 0 = Absent, 1 = Weak Cry, 2 = Strong Cry
- The appropriate number for each of the 5 components should be added together

### Uses

- Part of an EMS Medical Record
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

### Data Collector

- EMS personnel

### Other Associated Elements

**Validation Rules:** To be reported when child birth/delivery are performed.

**Quality Measure:** n/a

### Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *APGAR*

**Required in VA Specific XSD – No**

**Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 0** **Maximum Constraint: 10** **Multiple Entry Configuration:** Yes, via structure

XSD Structure: Each element in section E14 is associated with a E14\_01 Date/Time

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AssessmentVitalSigns

Stored in Field: APGAR

# ESTIMATED BODY WEIGHT

E16\_01

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

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

## Field Values

## Uses

- Part of an EMS Medical Record and to better determine equipment sizes and medication dosages
- Provides documentation of Assessment and Care
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**Validation Rules:** Should be included in the record when E06\_14 Age is  $\leq 8$  **AND** E06\_15 Age Units is 700-Hours, 705-Days, 710-Months, or 715-Years **AND** E18\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *EstimatedBodyWeight*  
**Required in VA Specific XSD – No**      **Accepts Null Values**      **No**  
**Minimum Constraint:** 1      **Maximum Constraint:** 500      **Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Patient

Stored in Field: Weight

# DATE/TIME MEDICATION ADMINISTERED

E18\_01

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The date/time medication administered to the patient

## Field Values

## Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- This is a multiple entry configuration which will allow multiple medication administrations to be documented

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E18\_02** Medication Administered Prior to this Unit's  
EMS Care

**E18\_03** Medication Given

**E18\_05** Medication Dosage

**E18\_07** Response to Medication

**E18\_09** Medication Crew Member ID

**E18\_04** Medication Administered Route

**E18\_06** Medication Dosage Units

**E18\_08** Medication Complication

**Validation Rules:** Should be included in record when E18\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – No** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 1,990** **Maximum Constraint: 2,030** **Multiple Entry Configuration:** Yes, via structure

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionMedication

Stored in Field: DateMedicAdmin

# MEDICATION GIVEN

E18\_03

## Required to be reported in VA – Yes National Element - Yes

### Definition

The medication given to the patient

### Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

### Additional Information

- List created from Medications (D04\_06)

### Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the medications administered by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

### Data Collector

- EMS personnel

### Other Associated Elements

- |   |   |
|---|---|
| <b>E00</b> Common Null Values               | <b>E18_01</b> Date/Time Medication Administered |
| <b>E18_04</b> Medication Administered Route | <b>E18_05</b> Medication Dosage                 |
| <b>E18_06</b> Medication Dosage Units       | <b>E18_07</b> Response to Medication            |
| <b>E18_08</b> Medication Complication       | <b>E18_09</b> Medication Crew Member ID         |

### References to Other Databases

- NFIRS 5.0 EMS Module, Title: Procedures Used, Multi Select List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instruction = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN

**Validation Rules:** Should be included in record if medication administered

**Quality Measure:** 95%

### Technical Info:

**Data** [combo] single-choice

## Required to be reported in VA – Yes

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *MedicationsGiven*

**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**

**Minimum Constraint:** 2 **Maximum Constraint:** 30 **Multiple Entry Configuration:** Yes, via structure

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionMedication

Stored in Field: MedicationGiven

# MEDICATION ADMINISTERED ROUTE

E18\_04

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The route that the medication was administered to the patient.

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	4175 Endotracheal tube
4180 Gastrostomy tube	4185 Inhalation
4190 Intramuscular	4191 Intraosseous
4200 Intraocular	4205 Intravenous
4210 Nasal	4215 Nasal prongs
4220 Nasogastric	4225 Ophthalmic
4230 Oral	4235 Other/miscellaneous
4240 Otic	4245 Re-breather mask
4250 Rectal	4255 Subcutaneous
4260 Sublingual	4265 Topical
4270 Tracheostomy	4275 Transdermal
4280 Urethral	4285 Ventimask
4290 Wound	753000 Inhalation via Nebulizer
4295 Intranasal	753001 Intravenous Pump

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values	E18_01 Date/Time Medication Administered
E18_03 Medication Given	E18_05 Medication Dosage
E18_06 Medication Dosage Units	E18_07 Response to Medication
E18_08 Medication Complication	E18_09 Medication Crew Member ID

## References to Other Databases

- DEEDS DEEDS/HL-7 Version 2.3; [combo] Apply externally = AP, Buccal = B, Dental = DT, Epidural = EP, Endotracheal tube = ET, Gastronomy tube = GTT, Genitourinary irrigant = GU, Intraarterial = IA, Intrabursal = IB, Intracardiac = IC, Intracervical (uterus) = IC

**Validation Rules:** Should be included in record when E18\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *MedicationAdministeredRoute*

**Required in VA Specific XSD – No**

**Accepts Null Values Yes**

**Multiple Entry Configuration:** Yes, via structure

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

**Table Location** (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionMedication

Stored in Field: MedicationAdminRoute

# MEDICATION DOSAGE

E18\_05

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The dose or amount of medication given to the patient

## Field Values

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

<b>E18_01</b> Date/Time Medication Administered	<b>E18_03</b> Medication Given
<b>E18_04</b> Medication Administered Route	<b>E18_06</b> Medication Dosage Units
<b>E18_07</b> Response to Medication	<b>E18_08</b> Medication Complication
<b>E18_09</b> Medication Crew Member ID	

**Validation Rules:** Should be included in record when E18\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:decimal* **XSD Domain (Simple Type)** *MedicationDosage*

**Required in VA Specific XSD – No** **Accepts Null Values: No**

**Minimum Constraint: 0** **Maximum Constraint: 1,000,000** **Multiple Entry Configuration:** Yes, via structure

XSD Structure:

- (1) All data elements section E18 are members of the E18 Medication Structure.
- (2) E18\_05 and E18\_06 are members of E18\_05\_0 Medication Dosing Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionMedication

Stored in Field: MedicationDosage

# MEDICATION DOSAGE UNITS

E18\_06

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The units of medication dosage given to patient

## Field Values

4295 GMS	4300 Inches
4305 IU	4310 KVO (TKO)
4315 L/MIN	4320 LITERS
4325 LPM	4330 MCG
4335 MCG/KG/MIN	4340 MEQ
4345 MG	4350 MG/KG/MIN
4355 ML	4360 ML/HR
4365 Other	4370 Puffs
755000 gtts (Drops)	755008 Lock/Flush
755002 MCG/MIN	755001 MG/MIN
755004 Minutes	755003 Units/Hour
755007 Rapid Infusion/Push	

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

E18_01 Date/Time Medication Administered	E18_03 Medication Given
E18_03 Medication Given	E18_04 Medication Administered Route
E18_05 Medication Dosage	E18_07 Response to Medication
E18_08 Medication Complication	E18_09 Medication Crew Member ID

**Validation Rules:** Should be included in record when E18\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *MedicationDosageUnits*

**Required in VA Specific XSD – No**

**Accepts Null Values** **No**

**Multiple Entry Configuration:** Yes, via structure

XSD Structure:

- (1) All data elements section E18 are members of the E18 Medication Structure.
- (2) E18\_05 and E18\_06 are members of E18\_05\_0 Medication Dosing Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionMedication

Stored in Field: MedicationDosageUnits

# RESPONSE TO MEDICATION

E18\_07

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

The patient's response to the medication.

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	4375 Improved
4380 Unchanged	4385 Worse

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values	E18_01 Date/Time Medication Administered
E18_03 Medication Given	E18_04 Medication Administered Route
E18_05 Medication Dosage	E18_06 Medication Dosage Units
E18_08 Medication Complication	E18_09 Medication Crew Member ID

**Validation Rules:** Should be included in record when E18\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ResponseToMedication*

**Required in VA Specific XSD – No** **Accepts Null Values** **Yes**

**Multiple Entry Configuration:** Yes, via structure

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionMedication

Stored in Field: ResponseToMedication

# MEDICATION COMPLICATION

E18\_08

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	4390 None
4395 Altered Mental Status	4400 Apnea
4405 Bleeding	4410 Bradycardia
4415 Diarrhea	4420 Extravasation
4425 Hypertension	4430 Hyperthermia
4435 Hypotension	4440 Hypoxia
4445 Injury	4450 Itching/Urticaria
4455 Nausea	4460 Other
4465 Respiratory Distress	4470 Tachycardia
4475 Vomiting	

## Uses

- Allows data to be sorted based on medication complication
- Allows data to describe medication complications which occur as a result of EMS treatment
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values	E18_01 Date/Time Medication Administered
E18_03 Medication Given	E18_04 Medication Administered Route
E18_05 Medication Dosage	E18_06 Medication Dosage Units
E18_07 Response to Medication	E18_09 Medication Crew Member ID

**Validation Rules:** Should be included in record when E18\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *MedicationComplication*  
**Required in VA Specific XSD – Yes**      **Accepts Null Values** **Yes**  
**Multiple Entry Configuration** (1) Yes, via structure. (2) Yes for each E14\_01 Date/Time

**Required in VA-XSD** Yes

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_MedicationComplication

Stored in Field: MedicationComplication

# MEDICATION CREW MEMBER ID

E18\_09

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

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

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

## Additional Information

- Linked to State certification ID Number (D07\_02)
- List box created from the State certification ID Number (D07\_02) which could display the Personnel's Names as associated with D08\_01, and D08\_02 for easy data entry

## Uses

- Part of an EMS Medical Record and to document Medication Administration
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

E00	Common Null Values	E18_01	Date/Time Medication Administered
E18_03	Medication Given	E18_04	Medication Administered Route
E18_05	Medication Dosage	E18_06	Medication Dosage Units
E18_07	Response to Medication	E18_08	Medication Complication

**Validation Rules:** Should be included in record when E18\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *CrewMemberID*

**Required in VA Specific XSD – No**

**Accepts Null Values** **Yes**

**Minimum Constraint:** 2 **Maximum Constraint:** 15 **Multiple Entry Configuration:** Yes, via structure

XSD Structure: All data elements section E18 are members of the E18 Medication Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionMedication

Stored in Field: CrewMemberID

## DATE/TIME PROCEDURE PERFORMED SUCCESSFULLY

E19\_01

**Required to be reported in VA – Yes**

**National Element - No**

### Definition

The date and time the procedure was performed on the patient

### Field Values

### Additional Information

- If the date/time is electronically stored within a database or transmitted via XML as a “tick”, the referenced variables may also be used
- This is a multiple entry configuration which will allow for multiple procedures to be documented

### Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

### Data Collector

- EMS personnel

### Other Associated Elements

<b>E19_03</b> Procedure	<b>E19_05</b> Number of Procedure Attempts
<b>E19_06</b> Procedure Successful	<b>E19_07</b> Procedure Complication
<b>E19_09</b> Procedure Crew Members ID	<b>E19_13</b> Tube Confirmation

**Validation Rules:** Should be included in record when E19\_03 is not null.

**Quality Measure:** 95%

### Technical Info:

**Data** [date/time]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:dateTime* **XSD Domain (Simple Type)** *DateTime*

**Required in VA Specific XSD – No** **Accepts Null Values: Yes**, but null value is blank or empty

**Minimum Constraint: 1,990** **Maximum Constraint: 2,030** **Multiple Entry Configuration:** Yes, via structure

XSD Structure: Data Elements E19\_01, E19\_03, E19\_05, E19\_06, E19\_07, and E19\_09 are all members of E19\_01\_0 Procedure Structure

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionProcedure

Stored in Field: DateProcPerformed

# PROCEDURE

E19\_03

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

The procedure performed on the patient.

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

## Additional Information

### Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures which are performed by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

### Data Collector

- EMS personnel

### Other Associated Elements

- |                                  |                                     |
|----------------------------------|-------------------------------------|
| E19_03 Procedure                 | E19_05 Number of Procedure Attempts |
| E19_06 Procedure Successful      | E19_07 Procedure Complication       |
| E19_09 Procedure Crew Members ID | E19_13 Tube Confirmation            |

### References to Other Databases

- **NFIRS 5.0** EMS Module, Title: Procedures Used, Multi Select List: Airway Insertion = 01, Anti-Shock Trousers = 02, Assisted Ventilation = 03, Bleeding Control = 04, Burn Care = 05, Cardiac Pacing = 06, Cardioversion (defib), Manual = 07, Chest/Abdominal Thrust = 08, CPR = 09, Cricothyroidotomy = 10, Defibrillation by AED = 11, EKG Monitoring = 12, Extrication = 13, Intubation (EGTA) = 14, Intubation (ET) = 15, IO/IV Therapy = 16, Medications Therapy = 17, Oxygen Therapy = 18, Obstetrical Care/Delivery = 19, Pre-Arrival Instruction = 20, Restrained Patient = 21, Spinal Immobilization = 22, Splinted Extremities = 23, Suction/Aspirate = 24, Other Procedure = 00, No Treatment = NN
- **UTSTEIN** Arrest after arrival of EMS could be documented by CPR or Defibrillation performed along with the Cardiac Arrest datapoint.; [text] Value or

**Validation Rules:** Should be included in record if procedure is performed

**Quality Measure:** 95%

### Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:decimal* **XSD Domain (Simple Type)** *Procedure*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** **Yes**

**Minimum Constraint:** 0 **Maximum Constraint:** 1,000

**Multiple Entry Configuration:** Yes, via structure

XSD Structure: Data Elements E19\_01, E19\_03, E19\_05, E19\_06, E19\_07, and E19\_09 are all members of E19\_01\_0 Procedure Structure

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionProcedure

Stored in Field: ProcedureID

# NUMBER OF PROCEDURE ATTEMPTS

E19\_05

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

## Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures which are performed by EMS
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

- E19\_03 Procedure
- E19\_05 Number of Procedure Attempts
- E19\_06 Procedure Successful
- E19\_07 Procedure Complication
- E19\_09 Procedure Crew Members ID
- E19\_13 Tube Confirmation

**Validation Rules:** Should be included in record when E19\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [number]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *NumberOfProcedureAttempts*

**Required in VA Specific XSD – Yes**      **Accepts Null Values** **Yes**

**Required in VA-XSD** **Yes**      **Minimum Constraint:** -25      **Maximum Constraint:** 100

**Multiple Entry Configuration** Yes, via structure

XSD Structure: Data Elements E19\_01, E19\_03, E19\_05, E19\_06, E19\_07, and E19\_09 are all members of E19\_01\_0 Procedure Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionProcedure

Stored in Field: NumProcedureAttempts

# PROCEDURE SUCCESSFUL

E19\_06

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	0 No
1 Yes	

## Uses

- Allows data to be sorted based on the medical treatment
- Allows data to describe the procedures performed by EMS with respect to numbers and success rates
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values	E19_01 Date/Time Procedure Performed Successfully
E19_03 Procedure	E19_05 Number of Procedure Attempts
E19_07 Procedure Complication	E19_09 Procedure Crew Members ID

**Validation Rules:** Should be included in record when E19\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice **Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*  
**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**

**Multiple Entry Configuration** Yes, via structure

XSD Structure: Data Elements E19\_01, E19\_03, E19\_05, E19\_06, E19\_07, and E19\_09 are all members of E19\_01\_0  
Procedure Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionProcedure

Stored in Field: ProcedureSuccessful

# PROCEDURE COMPLICATION

E19\_07

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	4500 None
4505 Altered Mental Status	4510 Apnea
4515 Bleeding	4520 Bradycardia
4525 Diarrhea	4530 Esophageal Intubation-immediately detected
4535 Esophageal Intubation-other	4540 Extravasation
4545 Hypertension	4550 Hyperthermia
4555 Hypotension	4560 Hypoxia
4565 Injury	4570 Itching/Urticaria
4575 Nausea	4580 Other
4585 Respiratory Distress	4590 Tachycardia
4595 Vomiting	776003 Anatomical Abnormality
776004 Foreign Body in Airway	776002 Oral or Pharyngeal Trauma
776001 Patient Resisted Intubation	776005 Vomitus/Blood/Secretions in Airway

## Uses

- Allows data to be sorted based on procedure complication
- Allows data to describe procedure complications which occur as a result of EMS treatment as part of a federal initiative
  - to identify and reduce medical errors
- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

E00	Common Null Values	E19_01	Date/Time Procedure Performed Successfully
E19_03	Procedure	E19_05	Number of Procedure Attempts
E19_07	Procedure Complication	E19_09	Procedure Crew Members ID

**Validation Rules:** Should be included in record when E19\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] multiple-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ProcedureComplication*  
**Required in VA Specific XSD – Yes** **Accepts Null Values** **Yes**

**Multiple Entry Configuration:** (1) Yes, via structure. (2) Yes for each E14\_01Date/Time

XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_ProcedureComplication

Stored in Field: ProcedureComplication

# PROCEDURE CREW MEMBERS ID

E19\_09

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

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

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 20 Not Recorded
- 10 Not Known

## Additional Information

- Linked to State certification ID Number (D07\_02)
- List box created from the State certification ID Number (D07\_02) which could display the Personnel's Names as associated with D08\_01, and D08\_02 for easy data entry

## Uses

- Part of an EMS Medical Record and to document the Procedure performance
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

- |        |                        |        |  |
|--------|------------------------|--------|--|
| E00    | Common Null Values     | E19_01 | Date/Time Procedure Performed Successfully |
| E19_03 | Procedure              | E19_05 | Number of Procedure Attempts               |
| E19_07 | Procedure Complication | E19_09 | Procedure Crew Members ID                  |

**Validation Rules:** Should be included in record when E19\_03 is not null.

**Quality Measure:** 95%

## Technical Info:

**Data** [text]

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *CrewMemberID*

**Required in VA Specific XSD – No**

**Accepts Null Values Yes**

**Minimum Constraint: 2** **Maximum Constraint: 15** **Multiple Entry Configuration:** Yes, via structure

XSD Structure: Data Elements E19\_01 through E19\_11 are all members of E19\_01\_0 Procedure Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionProcedure

Stored in Field: CrewMemberID

# TUBE CONFIRMATION

E19\_13

**Required to be reported in VA – Yes**  
**National Element – No**

## Definition

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

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 4740 Colormetric CO2 Detector Confirmation
- 4750 Esophageal Bulb Aspiration confirmation
- 4760 Visualization of the Chest Rising with Ventilation
- 4770 Waveform CO2 Confirmation
- 20 Not Recorded
- 10 Not Known
- 4735 Auscultation of Bilateral Breath Sounds
- 4745 Digital CO2 Confirmation
- 4755 Negative Auscultation of the Epigastrium
- 4765 Visualization of Tube Passing Through the Cords

## Additional Information

- Associated with Procedure (E19\_03) if Airway Procedure leads to Intubation

## Uses

- Part of an EMS Medical Record
- Reports on Medications and Skills performed along with Protocols used provide key performance evaluation tools
- Used in Quality Management for the evaluation of Care and EMS Agency Performance

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values **E19\_03** Procedure

**Validation Rules:** Should be included in record when E19\_03 Procedure is 6280–Endotracheal Intubation or 6240–Nasotracheal Intubation

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] multiple-choice **Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *TubeConfirmation*  
**Multiple Entry Configuration** Yes **Accepts Null Values** Yes  
**Required in VA Specific XSD – No**

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_TubeConfirmation

Stored in Field: TubeConfirmation



# INCIDENT/PATIENT DISPOSITION

E20\_10

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

4815 Cancelled	4820 Dead at Scene
4825 No Patient Found	4830 No Treatment Required
4835 Patient Refused Care	4840 Treated and Released
4845 Treated, Transferred Care	4850 Treated, Transported by EMS
4855 Treated, Referred to Law Enforcement	4860 Treated, Transported by Private Vehicle
804003 Standby Only – No Patient Contacts	

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the EMS disposition
- Allows data to describe EMS patient's disposition

## Data Collector

- EMS personnel

## Other Associated Elements

## References to Other Databases

- NFIRS 5.0 EMS Module; Title: Disposition; Pick-List: FD Transport to Emergency Care Facility (ECF) = 1, Non-FD Transport = 2, Non-FD Transport with FD Attendant = 3, Non-Emergency Transfer = 4, Other = O, Not Transported under EMS = N

**Validation Rules:** Included in all records submitted

**Quality Measure:** 100%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *IncidentPatientDisposition*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** **No**

**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Disposition

Stored in Field: PatientDisposition

# TRANSPORT MODE FROM SCENE

E20\_14

**Required to be reported in VA – Yes**  
**National Element - Yes**

## Definition

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

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 4960 Initial No Lights or Sirens, Upgraded to Lights and Sirens
- 4965 Lights and Sirens
- 20 Not Recorded
- 10 Not Known
- 4955 Initial Lights and Sirens, Downgraded to No Lights or Sirens
- 4970 No Lights or Sirens

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the transportation mode
- Allows data to describe transportation mode used by EMS

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS, 4855-Treated.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *TransportModeFromScene*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** **Yes**

**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Disposition

Stored in Field: TransportModeFromScene

# REASON FOR CHOOSING DESTINATION

E20\_16

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

The reason the unit chose to deliver or transfer the patient to the hospital/facility

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	4990 Closest Hospital/Facility
4995 Diversion	5000 Family Choice
5005 Insurance Status	5010 Law Enforcement Choice
5015 On-Line Medical Direction	5020 Other
5025 Patient Choice	5030 Patient's Physicians Choice
5035 Protocol (Trauma/Stroke/STEMI)	5040 Specialty Resource Center

## Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted based on the destination choice
- Allows data to give a reason for choosing the patient's destination which is important to document from a specialty care agency and diversion/overcrowding perspective

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS, 4855-Treated.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *ReasonForChoosingDestination*

**Required in VA Specific XSD – Yes**

**Accepts Null Values** **Yes**

**Multiple Entry Configuration:** No

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Disposition

Stored in Field: ReasonForChoosingDest

# TYPE OF DESTINATION

E20\_17

## Required to be reported in VA – Yes National Element - Yes

### Definition

The type of destination the patient was delivered or transferred to

### Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	7270 Home
7280 Hospital	7290 Medical Office/Clinic
7300 Morgue	7320 Nursing Home
7330 Other	7340 Other EMS Unit (air/Medevac)
7350 Other EMS Unit (ground)	7360 Police/Jail
811000 Not Transported	

### Uses

- A component of the EMS Medical Record: Patient Care Report
- Allows data to be sorted or grouped based on the EMS transports destination type
- Allows data to describe EMS patient's destination type

### Data Collector

- EMS personnel

### Other Associated Elements

E00	Common Null Values	E20_01	Destination/Transferred To, Name
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**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS, 4855-Treated.

**Quality Measure:** 95%

### Technical Info:

**Data** [combo] single-choice

## Required to be reported in VA – Yes

**XSD Data Type** *xs:integer*      **XSD Domain (Simple Type)** *TypeOfDestination*  
**Required in VA Specific XSD – Yes**      **Accepts Null Values** **Yes**  
**Multiple Entry Configuration:** No

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Disposition

Stored in Field: TypeOfDestination

# REQUIRED REPORTABLE CONDITIONS

E23\_08

## Required to be reported in VA – Yes National Element – No

### Definition

The presence of any condition which is reportable based on State regulations. (Submission of data to OEMS does not constitute meeting mandated reporting.)

### Field Values

~~-25 Not Applicable~~

~~-15 Not Reporting~~

~~-5 Not Available~~

~~1 Yes~~

~~-20 Not Recorded~~

~~-10 Not Known~~

~~0 No~~

**872028** Serious Injury/Death While Hunting

**872025** Elder Abuse/Neglect

**872024** Child Abuse/Neglect

**872026** Victim of Crime

### Uses

- Allows reports to be generated to assist in the required reporting of mandated medical or social conditions
- Important for the Quality Management evaluation of personnel performance and safety initiatives
- Part of an EMS Medical Record

### Data Collector

- EMS personnel

### Other Associated Elements

**E00** Common Null Values

**Validation Rules:** Included in all submitted records where the Code of Virginia mandates reporting of patient abuse, neglect, or injury

**Quality Measure:** n/a

### Technical Info:

**Data** [combo] single-choice

## Required to be reported in VA – Yes

**XSD Data Type** *xs:integer* **XSD Domain (Simple Type)** *YesNoValues*

**Required in VA Specific XSD – No**

**Accepts Null Values** **Yes**

**Multiple Entry Configuration:** No

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Miscellaneous

Stored in Field: ReqRepotConditions

# EXTERIOR DAMAGE

IT5\_19

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

Level of severity of damage to motor vehicles involved in a crash.

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available
- 368002 Moderate
- 369004 None
- 20 Not Recorded
- 10 Not Known
- 368001 Minor
- 368003 Major

## Additional Information

- A single choice

## Uses

- Used to sort MVC related data by possible severity
- Used to evaluate level of damage versus level of injury

## Data Collector

- EMS personnel

## Other Associated Elements

- E00 Common Null Values
- E10\_04 Vehicular Injury Indicators
- E10\_05 Area of Vehicle Impacted by Collision
- E10\_08 Use of Occupant Safety Equipment
- E10\_09 Airbag Deployment
- IT5\_06 Motor Vehicle Type

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4820-Dead at Scene, 4835-Patient Refused Care, 4840-Treated and Released, 4845-Treated, Transferred Care, 4850-Treated, Transported by EMS, 4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle AND E10\_01-Cause of Injury is 9590-MVC non-traffic or 9595-MVC.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *ResearchField*  
**Required in VA Specific XSD – No**      **Accepts Null Values** **Yes**  
**Minimum Constraint:** 1      **Maximum Constraint:** 50      **Multiple Entry Configuration:** Yes, via structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_SituationTrauma

Stored in Field: ExteriorDamage

# MOTOR VEHICLE TYPE

IT5\_06

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

Description of type vehicle involved in a motor vehicle crash.

## Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	960009	Aircraft
960006	ATV	960004	Bus
960000	Car	960005	Motorcycle
960003	Semi-Truck	960007	Snowmobile
960010	SUV - Compact	960012	SUV - Fullsize
960011	SUV - Midsize	960001	Truck
960002	Van	960008	Watercraft

## Additional Information

- A single choice

## Uses

- Identify risk of MVC and severity of injury by vehicle type
- Contribute to highway/traffic safety research
- Identifies potential level of severity and mechanism of injury for the EMS medical record

## Data Collector

- EMS personnel

## Other Associated Elements

E00	Common Null Values	E10_04	Vehicular Injury Indicators
E10_05	Area of Vehicle Impacted by Collision	E10_08	Use of Occupant Safety Equipment
E10_09	Airbag Deployment	IT5_19	Exterior Damage

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *ResearchField*

**Required in VA Specific XSD – No**

**Accepts Null Values** **Yes**

**Minimum Constraint:** 1      **Maximum Constraint:** 50

**Multiple Entry Configuration:** Yes, via structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_SituationTrauma

Stored in Field: MotorVehicleType

## PROCEDURE LOCATION

IT7\_24

**Required to be reported in VA – Yes**  
**National Element - No**

### Definition

Provides a description of the anatomical location that a procedure was performed

### Field Values

-25	Not Applicable	-20	Not Recorded
-15	Not Reporting	-10	Not Known
-5	Not Available	963000	Antecubital-Left
963001	Antecubital-Right	963008	Forearm-Left
963009	Forearm-Right	963020	Wrist-Left
963021	Wrist-Right	963010	Hand-Left
963011	Hand-Right	963002	External Jugular-Left
963003	External Jugular-Right	963022	Humeral Head IO-Left
963023	Humeral Head IO-Right	963016	Sternal IO
963005	Femoral-Left Distal IO	963007	Femoral-Right Distal IO
963017	Tibia IO-Left	963018	Tibia IO-Right
963041	Tibia Distal IO-Left	963042	Tibia Distal IO-Right
963025	Arm-Left	963026	Arm-Right
963012	Lower Extremity-Left	963013	Lower Extremity-Right
963024	Abdomen	963027	Back
963028	Chest-Left	963029	Chest-Right
963030	Eye-Left	963031	Eye-Right
963032	Eyes-Both	963033	Foot-Left
963034	Foot-Right	963035	GI/GU
963036	Head	963037	Mouth
963038	Neck	963039	Nose
963040	Pelvis	963015	Scalp
963019	Umbilical	963014	Other

### Additional Information

- A single choice

### Uses

- Used as part of the EMS medical record
- Provides further clinical information to assist with the development of training and funding of equipment

### Data Collector

- EMS personnel

### Other Associated Elements

E00	Common Null Values	E19_03	Procedure
E19_05	Number of Procedure Attempts	E19_06	Procedure Successful
E19_07	Procedure Complication	E19_09	Procedure Crew Member ID

**Validation Rules:** Should be included in record when E19\_03 is not null.

**Quality Measure:** 95%

### Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *ResearchField*  
**Required in VA Specific XSD – No**      **Accepts Null Values** **Yes**  
**Minimum Constraint:** 1      **Maximum Constraint:** 50      **Multiple Entry Configuration:** Yes, via structure

**Table Location** (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionProcedure

Stored in Field: ProcedureLocation

# METHOD OF SECURING ETT

IT7\_25

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

Documents the method used to secure an ETT after intubation..

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5Not Available	964000 Tube Tamer
964001 Tie	964002 Tape

## Additional Information

- A single choice

## Uses

- Used by local EMS agencies to document issues which are specific to an agency or related to research or short term evaluation

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values	E19_03 Procedure
E19_13 Tube Confirmation	

**Validation Rules:** Included in all submitted records when 190\_03 Procedure includes 6280-Endotracheal Intubation or 6240-Nasotracheal Intubation.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *ResearchField*

**Required in VA Specific XSD – No**

**Accepts Null Values** Yes

**Minimum Constraint:** 1

**Maximum Constraint:** 50

**Multiple Entry Configuration:** Yes, via structure

XSD Structure: Elements E23\_09 and E23\_11 are members of E23\_09\_0 Research Data Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_InterventionProcedure

Stored in Field: MethodOfSecuringETT

# AMA TYPE

IT8\_19

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

Documents the category type of patient refusal of care occurred.

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available

- 20 Not Recorded
- 10 Not Known

**946002** Refused Specific Care (i.e. back boarding)

- 946001** Does not feel condition requires care/transport
- 946000** Refused Against Medical Advice

## Additional Information

- A single choice

## Uses

- Allows clearer documentation in the EMS medical record why a patient refused care
- Allows for the sorting of patient refusals that are transported versus refused specific procedures

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values  
**IT8\_21** AMA Reason

**E20\_10** Incident/Patient Disposition

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4835-Patient Refused Care

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *ResearchField*

**Required in VA Specific XSD – No**

**Accepts Null Values** **Yes**

**Minimum Constraint:** 1

**Maximum Constraint:** 50

**Multiple Entry Configuration:** Yes, via structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AMA

Stored in Field: AMAType

# AMA REASON

IT8\_21

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

Documents the reason a patient refuses transport.

## Field Values

- 25 Not Applicable
- 15 Not Reporting
- 5 Not Available

- 20 Not Recorded
- 10 Not Known

**947001** Feels Ambulance Transport Not Necessary

**947000** Chief Complaint Resolved

**947002** Private Transport to Hospital/MD Available

## Additional Information

- A single choice

## Uses

- Allows for the evaluation of the reason a patient refused transport evaluation

## Data Collector

- EMS personnel

## Other Associated Elements

**E00** Common Null Values

**E01\_01** Patient Care Report Number

**E20\_10** Incident/Patient Disposition

**IT8\_19** AMA Type

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4835-Patient Refused Care

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *ResearchField*

**Required in VA Specific XSD – No**

**Accepts Null Values** **Yes**

**Minimum Constraint:** 1

**Maximum Constraint:** 50

**Multiple Entry Configuration:** Yes, via structure

XSD Structure: Elements E23\_09 and E23\_11 are members of E23\_09\_0 Research Data Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_AMA

Stored in Field: AMARReason



# SPECIALTY TEAM NOTIFIED

IT10\_02

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

To the best of the providers knowledge was a specialty team notified to care for the patient in an organized fashion, i.e. trauma team, stroke team, or STEMI team alerts.

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	300001 Trauma Team Activation
300002 STEMI Alert	300003 Stroke Alert

## Additional Information

- A single choice

## Uses

- Used by local EMS agencies to document issues which are specific to an agency or related to research or short term Evaluation
- Allows for the analysis of specialty care center response
- Allows for the analysis of EMS suspected patient acuity

## Data Collector

- EMS personnel

## Other Associated Elements

E00	Common Null Values	E20_01	Destination Transferred to Name
E20_10	Incident/Patient Disposition		

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string*      **XSD Domain (Simple Type)** *ResearchField*

**Required in VA Specific XSD – No**

**Accepts Null Values** Yes

**Minimum Constraint:** 1

**Maximum Constraint:** 50

**Multiple Entry Configuration:** Yes, via structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_OutcomeAndLinkage

Stored in Field: SpecialtyTeamNotified

## FACILITY NOTIFIED BY

IT10\_06

**Required to be reported in VA – Yes**  
**National Element - No**

### Definition

Supports documentation and system evaluation of how EMS units provide pre-arrival notice of patients.

### Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	304001 Radio
304002 Phone	304003 Unable
304004 Direct	

### Additional Information

- A single choice

### Uses

- Provides information to assist with communications system development and funding

### Data Collector

- EMS personnel

### Other Associated Elements

E00 Common Null Values	E20_01 Destination Transferred to Name
E20_10 Incident/Patient Disposition	IT10_02 Specialty Team Notified

**Validation Rules:** Included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS

**Quality Measure:** 95%

### Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *ResearchField*

**Required in VA Specific XSD – No**

**Accepts Null Values** Yes

**Minimum Constraint:** 1

**Maximum Constraint:** 50

**Multiple Entry Configuration:** Yes, via structure

### Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_Disposition

Stored in Field: FacilityNotifiedBy

# STEMI 12-LEAD INFO PROVIDED TO HOSPITAL PRIOR TO ARRIVAL IT12\_03

**Required to be reported in VA – Yes**  
**National Element - No**

## Definition

Was the 12-Lead EKG finding communicated to the hospital prior to the patients arrival at this Hospital. May include any form of pre-notification of the 12-Lead to the receiving hospital i.e. verbal report or transmission.

## Field Values

-25 Not Applicable	-20 Not Recorded
-15 Not Reporting	-10 Not Known
-5 Not Available	0 No
1 Yes	

## Additional Information

- A single choice

## Uses

- Part of the EMS medical record
- Allows for evaluation and performance improvement to STEMI system of care
- Provides information communication systems use

## Data Collector

- EMS personnel

## Other Associated Elements

E00 Common Null Values	E20_01 Destination Transferred to Name
E20_10 Incident/Patient Disposition	IT10_02 Specialty Team Notified
IT12_03 Facility Notified By	

**Validation Rules:** Included in all submitted records when E09\_15 Providers Primary Impression is 1650-Chest Pain/Discomfort, 1645-Cardiac Rhythm Disturbance, or 569017 Other Cardiovascular Problem **OR** E19\_06 Providers Secondary Impression is 1785-Chest Pain/Discomfort, 1780-Cardiac Rhythm Disturbance, or 570017-Other Cardiovascular Problem **AND** E20\_10-Incident Disposition is 4850-Treated, Transported by EMS **AND** E19\_03 includes 6130-12 Lead EKG.

4855-Treated, Transported by Law Enforcement, 4860-Treated, Transported by Privately Owned Vehicle **AND** E10\_01-Cause of Injury is 9590-MVC non-traffic or 9595-MVC.

**Quality Measure:** 95%

## Technical Info:

**Data** [combo] single-choice

**Required to be reported in VA – Yes**

**XSD Data Type** *xs:string* **XSD Domain (Simple Type)** *ResearchField*

**Required in VA Specific XSD – No**

**Accepts Null Values** **Yes**

**Minimum Constraint:** 1

**Maximum Constraint:** 50

**Multiple Entry Configuration:** Yes, via structure

XSD Structure: Elements E23\_09 and E23\_11 are members of E23\_09\_0 Research Data Structure

## Table Location (for OEMS & Service Bridge Users)

Stored in Table: INC\_STEMI

Stored in Field: Stemi12LeadTransmitted

## Appendix A

### Hospital Name/Code

The standardized list of hospital codes to be used when submitting data to the VDH/OEMS

### Other Associated Elements

**E20\_01** Destination/Transferred to, Name

**E20\_02** Destination/Transferred to, Code

**Validation Rules:** The correct hospital Code as established by the VDH/OEMS must be included in all submitted records when E20\_10-Incident Disposition is 4850-Treated, Transported by EMS.

**Quality Measure:** 95%

### Field Values

Code	Name	County	State	Zip
00001	Inova Alexandria Hospital	Alexandria	VA	22304
00002	Alleghany Regional Hospital	Low Moor	VA	24457
00003	Virginia Hospital Center (Arlington)	Arlington	VA	22205
00004	Bath County Community Hospital	Hot Springs	VA	24445
00005	Bedford County Memorial Hospital	Bedford	VA	24523
00006	Bristol Regional Medical Center	Bristol	TN	37620
00007	Buchanan General Hospital	Grundy	VA	24614
00008	Chesapeake General Hospital	Chesapeake	VA	23320
00009	CJW Medical Center – Chippenham Campus	Richmond	VA	23225
00011	Inova Fair Oaks Hospital	Fairfax	VA	22033
00013	Community Memorial Health Center	South Hill	VA	23970
00014	Culpeper Regional Hospital	Culpeper	VA	22701
00015	DePaul Medical Center	Norfolk	VA	23505
00016	Inova Fairfax Hospital	FallsChurch	VA	22046
00017	Fauquier Hospital	Warrenton	VA	20186
00018	Carilion Franklin Memorial Hospital	Rocky Mount	VA	24151
00019	Carilion Giles Community Hospital	Pearisburg	VA	24136
00020	Southern VA Regional Medical Center	Emporia	VA	23847
00021	Halifax Regional Hospital	South Boston	VA	24592
00022	Sentara Careplex Hospital	Hampton	VA	23666
00023	Henrico Doctors' Hospital Forest	Richmond	VA	23229
00024	Sentara Bayside Hospital	Virginia Beach	VA	23455
00025	Lifepoint Clinch Valley Medical Center	Richlands	VA	24641
00026	Henrico Doctors' Hospital Parham	Richmond	VA	23294
00028	John Randolph Medical Center	Hopewell	VA	23860
00029	Johnston Memorial Hospital	Abingdon	VA	24210
00030	CJW Medical Center – Johnston-Willis	Richmond	VA	23235
00032	Lee Regional Medical Center	Pennington Gap	VA	24277
00033	Sentara Leigh Hospital	Norfolk	VA	23502
00034	Lewis-Gale Medical Center	Salem	VA	24153
00035	Lonesome Pine Hospital	Big Stone Gap	VA	24219
00036	Inova Loudoun Hospital Center	Leesburg	VA	20176
00037	Obici Hospital	Suffolk	VA	23439
00038	Lynchburg General Hospital	Lynchburg	VA	24501

00039	Martha Jefferson Hospital	Charlottesville	VA	22902
00040	Bon Secours Mary Immaculate Hospital	Newport News	VA	23602
00041	Mary Washington Hospital	Fredericksburg	VA	22401
00042	Maryview Medical Center	Portsmouth	VA	23707
00043	VCU Health Systems	Richmond	VA	23298
00044	Danville Regional Medical Center	Danville	VA	24541
00045	Memorial Hospital Martinsville & Henry County	Martinsville	VA	24115
00046	Montgomery Regional Hospital	Blacksburg	VA	24060
00047	Inova Mount Vernon Hospital	Alexandria	VA	22306
00051	Sentara Norfolk General Hospital	Norfolk	VA	23507
00052	Shore Memorial Hospital	Nassawaddox	VA	23413
00053	Northern Virginia Community Hospital	Arlington	VA	22204
00054	Norton Community Hospital	Norton	VA	24273
00055	Page Memorial Hospital	Luray	VA	22835
00056	Southside Regional Medical Center	Petersburg	VA	23803
00058	Potomac Hospital	Woodbridge	VA	22191
00059	Prince William Hospital	Manassas	VA	22110
00060	Pulaski Community Hospital	Pulaski	VA	24301
00061	Pioneer Health Services of Patrick County	Stuart	VA	24171
00062	Carilion New River Valley Medical Center	Radford	VA	24141
00063	Rappahannock General Hospital	Kilmarnock	VA	22482
00064	Retreat Hospital	Richmond	VA	23220
00067	Riverside Regional Medical Center	Newport News	VA	23601
00068	Carilion Roanoke Memorial Hospital	Roanoke	VA	24033
00069	Rockingham Memorial Hospital	Harrisonburg	VA	22801
00070	Russell County Medical Center	Lebanon	VA	24266
00072	St. Mary's Hospital Richmond	Richmond	VA	23226
00073	Shenandoah County Memorial Hospital	Woodstock	VA	22664
00074	Smyth County Community Hospital	Marion	VA	24354
00075	Southampton Memorial Hospital	Franklin	VA	23851
00076	Southside Community Hospital	Farmville	VA	23901
00077	Carilion Stonewall Jackson Hospital	Lexington	VA	24450
00079	Carilion Tazewell Community Hospital	Tazewell	VA	24651
00080	Riverside Tappahannock Hospital	Tappahannock	VA	22560
00081	Twin County Regional Hospital	Galax	VA	24333
00082	UVA Health System	Charlottesville	VA	22903
00083	Virginia Baptist Hospital	Lynchburg	VA	24503
00084	Sentara Virginia Beach General Hospital	Virginia Beach	VA	23454
00085	Riverside Walter Reed Hospital	Gloucester	VA	23061
00086	Warren Memorial Hospital	Front Royal	VA	22630
00088	Sentara Williamsburg Regional Medical Center	Williamsburg	VA	23118
00089	Winchester Medical Center	Winchester	VA	22601
00091	Wythe County Community Hospital	Wytheville	VA	24382
00092	Augusta Medical Center	Fishersville	VA	22939
00094	Children's Hospital of the King's Daughters	Norfolk	VA	23507
00095	Reston Hospital Center	Reston	VA	22090
00096	Richmond Community Hospital	Richmond	VA	23233
00097	Memorial Regional Medical Center	Mechanicsville	VA	23116
00099	Portsmouth Naval Hospital	Portsmouth	VA	23708
00102	Out of State Hospital Not Listed			
00103	Military Hospital			
00105	Residential Facility			

Out of State Hospitals				
00300	Johnson City Hospital	Johnson City	TN	37601
00301	Wake Forest University Baptist Medical Center	Winston Salem	NC	27157
00303	Forsyth Medical Center	Winston Salem	NC	27103
00304	Northern Hospital of Surry County	Mount Airy	NC	27030
00305	Duke University Hospital	Durham	NC	27710
00306	UNC - Chapel Hill	Chapel Hill	NC	27514
00307	Carolinas Medical Center	Charlotte	NC	28203
00308	Indian Path Medical Center	Bloomington	TN	37660
00309	Holston Valley Medical Center	Kingsport	TN	37660
00311	Middlesboro Appalachian Regional Hospital	Middlesboro	VA	40965
00312	Claiborne County Community Hospital	Tazewell	TN	37879
00313	Pineville Community Hospital	Pineville	KY	40977
00314	Bluefield Regional Medical Center	Bluefield	WV	24701
00315	Princeton Community Hospital	Princeton	WV	24740
00316	VAMC Salem	Salem	VA	24153
00317	VAMC Richmond (McGuire)	Richmond	VA	23249
00318	VAMC Hampton	Hampton	VA	23667
00319	Civista Medical Center	La Plata	MD	20646
00320	Morehead Memorial Hospital	Eden	NC	27288
00322	Halifax Regional Medical Center	Roanoke Rapids	NC	27870
00323	Alleghany Memorial Hospital	Sparta	NC	28675
00324	George Washington University Hospital	Washington	DC	20037
00325	Washington Hospital Center	Washington	DC	20010
00326	Sibley Memorial Hospital	Washington	DC	20016
00327	Children's National Medical Center	Washington	DC	20010
00328	Georgetown University Hospital	Washington	DC	20007
00329	Grant Memorial Hospital	Petersburg	WV	26847
00555	Z VDH Hospital (Testing)	Richmond	VA	23218
00999	Other & NA			

Additional hospitals may be added upon request based on frequency of use.

## Appendix B

**4/13/2011-**

Added additional hospitals

00324	George Washington University Hospital	Washington	DC	20037
00325	Washington Hospital Center	Washington	DC	20010
00326	Sibley Memorial Hospital	Washington	DC	20016
00327	Children's National Medical Center	Washington	DC	20010
00328	Georgetown University Hospital	Washington	DC	20007
00329	Grant Memorial Hospital	Petersburg	WV	26847

**4/06/2011 –**

1. Table of Contents added
2. List of hospital codes added
3. Updated the list of active procedure codes
4. Clarification on page 5 that this document contains the mandated minimum dataset and that exceptions to this list for third party vendor software programs do not exist.

**11/25/2010**

1. Primary Reason to update was to add data element table locations and field names which is used by VDH/OEMS and possibly Service Bridge users.
2. "IT" elements moved to accompany like categories in "E" elements.
3. Corrected error stating provider's middle name must be reported to first name must be reported.
4. Removed E8\_08 Incident facility code which was erroneously included.
5. Removed E20\_02 Destination transferred to Code which was erroneously included.
6. Added definition of E14\_23 Pain Scale which was accidentally omitted.
7. No changes affect the XSD's.