EMERGENCY MEDICAL SERVICES

AND TRAUMA REGISTRIES

TEXAS HOSPITAL CUSTOM QUESTIONS DATA DICTIONARY

OCTOBER 2023

TEXAS
Health and Human
Services

Texas Department of State
Health Services

Contents

Introduction

The Texas Department of State Health Services (DSHS) Emergency Medical Services and Trauma Registries (EMSTR) adopted the National Trauma Data Bank (NTDB) standard for trauma data collection criteria. Please refer to the appropriate NTDB data dictionary **(Hospital | Texas DSHS)** for a complete list of data elements and definitions. This data dictionary contains some modifications to the NTDB data elements specific to Texas and includes reporting information for burns. EMSTR refers to these questions as *Texas Custom Questions*. If an element contained in this report is mandatory or required, it <u>must</u> be completed with a valid response or answered with a null value. If an element below is optional, it does not need to be answered or may be answered with a null value.

FIRST NAME:

Definition:

Patient's First Name

Field Values:

- Relevant data for this element.
- Maximum length is 50 (characters).

Additional Information:

- This element is **mandatory**.
- Used for internal linking purposes.
- If patient name is not known, please enter UNKNOWN for this element.

Associated Edit Checks:

Level	Message
1	Invalid Value
4	Blank, Mandatory field

MIDDLE NAME:

Definition:

- Patient's Middle Name.

Field Values:

- Relevant data for this element.
- Maximum length is 50 (characters).
- Accepts common null values: "Not Applicable" and "Not Known / Not Recorded".

Additional Information:

- This element is **optional**.

Associated Edit Checks:

Level	Message
1	Invalid Value

LAST NAME:

Definition:

- Patient's Last Name.

Field Values:

- Relevant data for this element.
- Maximum length is 50 (characters).

Additional Information:

- This element is **mandatory**.
- Used for internal linking purposes.
- If patient name is not known, please enter UNKNOWN for this element.

Associated Edit Checks

Level	Message
1	Invalid Value
4	Blank, Mandatory field

SOCIAL SECURITY NUMBER:

Definition:

- Patient's Social Security Number.

Field Values:

- Relevant data for this element.
- Maximum length is 9 (digits).
- This element accepts both of the following formats: "123456789" and "123-45-6789".
- Accepts common null values: "Not Applicable" and "Not Known / Not Recorded".

Additional Information:

- This element is **optional**.

Associated Edit Checks:

Level	Message
1	Invalid Value

STREET ADDRESS:

Definition:

- Patient's Home Address.

Field Values:

- Relevant data for this element.
- Maximum length is 55 (characters).
- Accepts common null values: "Not Applicable" and "Not Known / Not Recorded".

Additional Information:
- This element is **optional**.

Associated Edit Checks:

Level	Message
1	Invalid Value

MEDICAL RECORD NUMBER:

Definition:

- Patient's Medical Record Number.

Field Values:

- Relevant data for this element.
- A string value (a sequence of characters) is appropriate.

Additional Information:

- This element is **optional**.

Associated Edit Checks

Level	Message
1	Invalid Value

MECHANISM INJURY:

Definition:

- Method by which injury occurred.

Field Values:

- Relevant for this element.
- Minimum occurrence is 1 (can only occur once, not multiple selections).
- String:

  1 Cut or Pierce

  2 Drowning or Submersion

  3 Fall

  4 Fire/Burn

  5 Firearm

  6 Machinery

  7 Motor Vehicle Occupant

  8 Motor Vehicle Motorcyclist

  9 Motor Vehicle Pedal Cyclist

  10 Motor Vehicle Pedestrian

  11 Motor Vehicle Other

  12 Motor Vehicle Unspecified

  13 Motor Vehicle Non-Traffic

  14 Natural/Environmental

  15 Not Documented

  16 Other Land Transport

  17 Other Transport

  18 Other Specified, Not Elsewhere Classifiable

  19 Other Specified

  20 Overexertion

  21 Pedal cyclist, other

  22 Pedestrian, other

23 Poisoning

24 Struck By/Against

25 Suffocation

26 Unspecified

Accepts common null values: "Not Applicable" and "Not Known / Not Recorded"

Additional Information:

This element is **mandatory**.

Associated Edit Checks:

Level	Message

DISCHARGED TO FACILITY NAME:

Definition:

- Name of Facility to which the patient was discharged.

Field Values:

- Relevant for this element.
- String.
- Maximum length is 7 (digits).
- Minimum occurrence is 1.

Additional Information:

- This element is **mandatory**.

Associated Edit Checks:

Level	Message

PRE HOSPITAL EMS NAME:

Definition:

- Name of transporting EMS agency.

Field Values:

- Relevant for this element.
- String.
- Maximum length is 6 (digits).
- Maximum occurrence is 1 (only occurs once).

Additional Information:

- Element is **mandatory**.

Associated Edit Checks:

Level	Message

TRANSFER HOSPITAL EMS:

Definition:

- EMS agency transferring patient to facility for higher level of care – DSHS Id Number.

Field Values:

- Relevant for this element.
- String.
- Maximum length is 6 (digits).
- Minimum occurrence is 1 (only occurs once).

Additional Information:

This element is **mandatory**.

Associated Edit Checks:

Level	Message

REFERENCE HOSPITAL NAME:

Definition:

- DSHS Identifier Number for hospital patient is transferred to for higher care.

Field Values:

- String.
- Maximum length is 7 (digits).
- Minimum occurrence is 1.

Additional Information:

- This element is **mandatory**.

Associated Edit Checks:

Level	Message

Hospital Procedures:

Definition:

- Name of procedure performed.

Field Values:

- String (list of procedures performed).
- Maximum occurrence is 200 (characters).

Additional Information:

- This element is **mandatory**.

Associated Edit Checks:

Level	Message

Hospital Procedure International Classifications of Diseases, Tenth Revision (ICD10).

Definition:

- ICD-10 code for procedure performed.

Field Values:

- String (alphanumeric).
- Minimum occurrence 1 (only occurs once).

Additional Information:

- This element is **mandatory**.

Associated Edit Checks:

Level	Message

Hospital Procedure Start Date:

Definition:

- Date procedure was performed.

Field Values:

- String.
- Minimum occurrence 1 (only occurs once).
- Accepts common null values: "Not Applicable" and "Not Known / Not Recorded".

Additional Information:

- This element is **mandatory**.

Associated Edit Checks:

Level	Message

Hospital Procedure Start Time:

Definition:

- Time procedure was started.

Field Values:

- String.
- Minimum occurrence 1 (time field [hh:mm:ss] only occurs once).
- Accepts common null values: "Not Applicable" and "Not Known / Not Recorded".

Additional Information:

- This element is **mandatory**.

Associated Edit Checks:

Level	Message

Hospital Procedure Location:

Definition:

- Location in the hospital where procedure was performed.

Field Values:

- String (of numbers)

- 1 Emergency Department (ED)
- 2 Radiology
- 3 Floor
- 4 Observation Unit
- 5 Telemetry/Step-Down Unit
- 6 Intensive Care Unit (ICU)
- 7 Operating Room

- Accepts common null values: "Not Applicable" and "Not Known / Not Recorded".

Additional Information:

- This element is **mandatory**.

Associated Edit Checks:

Level	Message

Injury Type:

Definition:

- Type of injury that occurred.

Field Values:

- 1 Penetrating
- 2 Blunt
- 3 Burn
- 4 Other

Data Type:

- String.
- Accepts common null values: "Not Applicable" and "Not Known / Not Recorded".

Additional Information:

- This element is optional.
- Minimum occurrence 1.

Associated Edit Checks

Level	Message

State Trauma Number/Patient Wristband Number:

Definition:

- Texas state element using state trauma number ITDX field for hospital patient wristband number.
- ITDX definition - Allows for the collection of State-specific identifiers.

Tag Name: StateTraumaNumber (ITDX 2023 v3)

Data Type:

- String
- Accepts common null values: "Not Applicable" and "Not Known / Not Recorded".

Field Values:

- Allows alphanumeric values.
- Minimum occurrence 1.
- Maximum length is 30.

Additional Information:

- This element is optional.

Associated Edit Checks

Level	Message

Patient_Sex (May 2025 Update)

NTDS Core	
Tag Name	Sex
Data Type	Integer
Tag Group	ItdxRecord
Tag Usage	Mandatory
Accepts Null Values	Yes

Texas Field Values:

1. Male

2. Female

3. Unknown (Unable to Determine)

Helpful Links

Texas Submersion Data Dictionary

TEXAS HOSPITAL CUSTOM QUESTIONS DATA DICTIONARY
This link provides access to the Texas Submersion Data Dictionary. All submersion injuries, including near drownings, should be reported within 90 days of the incident date.

Texas EMS and Trauma Registries (EMSTR) Reporting System

injury.dshs.texas.gov/injury/login.do This link provides access to the login screen of the online Registry Reporting System. This is the same online portal for reporting all case types (i.e., EMS runs, hospital trauma cases, submersion, etc.)

National Trauma Data Bank Data Dictionaries

facs.org/quality-programs/trauma/quality/national-trauma-data-bank/national-trauma-data-standard
This link provides access to the current (2023) National Trauma Data Bank Dictionary as well as ITDX version 2023 which EMSTR will launch later in 2023.

General Informational Page

General Information

The Emergency Medical Services and Trauma Registries (EMSTR) is comprised of four registries: the EMS Registry; the acute Traumatic Injury Registry; the Traumatic Brain Injury Registry / Spinal Cord Injury Registry; and the Submersion Registry. EMSTR is a statewide surveillance system that collects reportable event data from EMS providers, hospitals, justices of the peace, medical examiners, and rehabilitation facilities. Texas is home to one of the largest EMS registries in the U.S. with more than 5 million records submitted annually.

Our Goals

- To provide a robust registry reporting framework for recording reportable traumas.
- To reduce the burden of injury to the public resulting from preventable occurrences using trend analysis.
- To provide data as close to real-time as possible for local, state, and national leadership use.

Our Mission

To improve Texans' health, safety, and well-being through good stewardship of public resources with a focus on core public health functions.

The Injury Prevention Unit works to understand how injuries impact Texans. By providing injury and violence data and education, we can help you lead the way on injury prevention in homes, workplaces, and communities.

Contact Information

Emergency Medical Services and Trauma Registries
1100 West 49th Street
Mail Code 1920
Austin, Texas 78756

For program inquires:
injury.web@dshs.texas.gov

For data requests:
injury.epi@dshs.texas.gov
dshs.texas.gov/injury-prevention/ems-trauma-registries

Texas EMS and Trauma Registries
dshs.texas.gov/injury-prevention/ems-trauma-registries