

# Tennessee Department of Health Trauma Registry

## TNTR Data Dictionary



9-10-14

## INTRODUCTION

The Tennessee Trauma Registry Data Dictionary is based upon the dictionary of the National Trauma Registry of the American College of Surgeons (NTRACS – version 4.0). Elements of the Tennessee Minimum Data Set have been reviewed and updated. The data definitions have been modified to the agreed upon standards and interpretations of Tennessee's designated trauma centers. Each field is contained in this document according to the outline shown in Figure 1. This dictionary shall be used in lieu of the NTRACS dictionary.

## INCLUSION CRITERIA

The following criteria are to be utilized when making determinations regarding which patients are to be included in each individual hospital trauma registry. The hospital trauma registry should contain at a minimum all patients which meet these criteria:

All patients of any age with an injury diagnostic code within the ICD-9 of 800.0 – 959.9 range, excluding 905-909.9 (late effects of injury), 910-924.9 (superficial injuries, including blisters, contusions, abrasions, and insect bite), 930-939.9 (foreign bodies), and who meet at least one of the following:

- Meet institutional criteria for trauma team activation
- Death resulting from traumatic injury (includes emergency department deaths)
- Hospital Admission for treatment of an injury
- For Level I thru level IV centers: Acute injury occurring within 48 hours of arrival to the hospital (includes transfers and direct admits)
- For Comprehensive Regional Pediatric Centers: Acute injury occurring within 30 days of arrival to the hospital (includes transfers and direct admits)

## EXCLUSION CRITERIA:

The following criteria are to be utilized when making determination regarding which patients are to be included in the individual hospital trauma registry. A hospital's policy may be to utilize its trauma registry to collect and analyze information on many patients. Therefore, the hospital may contain all patients which meet any of these criteria. **The following patients are not to be sent to the state trauma registry database:**

- Hypothermia
- Hyperthermia
- Barotraumas
- Lightning
- Strangulation (unless there is an associated acute injury diagnosis meeting the above inclusion criteria)
- Drowning/Near Drowning (unless there is an associated acute injury diagnosis meeting the above inclusion criteria)
- Electrocution (unless there is an associated acute injury diagnosis meeting the above inclusion criteria)

Figure 1 – TNTR Element Outline

**Tennessee Minimum Data Set – Field Names and NTRACS Definitions**

**TNTR Element n:** <TNTR field name>

**NTRACS Field Name:** Label used in NTRACS application to identify the data element

**Location:** NTRACS screen through which the data element is entered, including primary and sub-level tabs

**Type:** C/N/D Character/Numeric/Date  
**Length:** nn Total number of spaces in the field, excluding the decimal point  
**Decimals** n Number of digits after the decimal

**Definitions:** Extraction from the NTRACS dictionary; provides clarifying terms pertinent to the field.

**Accepted Entries:** Indicates valid values for the data element – description of the accepted entry

Throughout the database, **character** type elements showing the following valid entries shall have the corresponding mapping applied.

Accepted Entry	Mapping
Not Recorded	Not Available
Unknown	Not Available
Not Done/Doc	Not Available
Inappropriate	Not Applicable

The NTRACS system stores the following values for **numeric** type elements. “-5.0” is typically the default for these elements.

- -4 = Not Applicable, Inappropriate ( / )
- -5 = Not Available ( ? )
- -6 = Not Performed

**NTRACS Page Number:** Page number of the NTRACS dictionary where the field can be found. (In some cases the Registry element is not noted using the NTRACS “Field Name”, but is included in the NTRACS dictionary footer for the element. In cases of elements not explicitly defined in the NTRACS dictionary, confirmation was made using the NTRACS software (noted “ntracs”) or in the Registry database (noted “tntr”).

# Table of Contents

Page

## INTRODUCTION

Inclusion Criteria.....	1
Exclusion Criteria.....	1
TNTR Outline.....	3

## DEMOGRAPHICS

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
HOSPNO	Hospital ID.....	9
MEDRECNO	Medical Record #.....	10
SOCSECNO	Social Security #.....	11
PFNAME	Name (First).....	12
PMI	Name (Middle Initial).....	13
PLNAME	Name (Last).....	14
SEX	Gender.....	15
RACE	Race.....	16
DOB	Date of Birth.....	17
AGE	(Calculated) Age.....	18
MAN_AGE	(Manual) Age.....	19
PADDRESS	Address - Street.....	20
PCITY	Address - City.....	21
PSTATE	Address - State.....	22
PZIPCODE	Address - Zip.....	23
OCCUPATION	Occupation.....	24

## INJURY

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
INJDATE	Injury Date.....	25
INJTIME	Injury Time.....	26
INJCITY	Injury Location - City.....	27
INJSTATE	Injury Location - State.....	28
INJZIP	Injury Location - Zip.....	29
BLUNT	Mechanism – Blunt/Penetrating (Primary Injury Type).....	30
INJSITE	Site (E849 # code).....	31
ECODE	E Code 1.....	33
ECODEDESCR	E Code 1.....	34
ECODE2	E Code 2.....	35
ECODEDESCR2	E Code 2.....	36
POSITION	Position.....	37
CRASHRPT	Police Report #.....	38
SAFETY	Safety Equipment.....	39

## PREHOSPITAL DETAIL FORM

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
CPR	CPR.....	40

## ED ADMISSION - ED STAY

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
ARRIV_FROM	Arrived From.....	41
ARRIVCOND	Arrival Condition.....	42
CHIEFCOMP	(Chief) Complaint.....	43
DIR_ADMIT	Direct Admit.....	44
ED_ARRDATE	ED Arrival/Admit Date.....	45
ED_ARRTIME	ED Arrival/Admit Time.....	46
ED_DCDATE	ED Discharge Date.....	47
ED_DCTIME	ED Discharge Time.....	48
ED_LOS	Length of Stay (hrs).....	49
TRANSPORT	Transport.....	50

## ED ADMISSION - TRAUMA TEAM ACTIVATION

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
ED_L1ACTIV	Level 1 Trauma Team Activation Y/N.....	51
ED_L1ATIME	Level 1 Trauma Team Activation Time.....	52
ED_L1ELAPT	Level 1 Activation Elapsed Time.....	53
ED_L2ACTIV	Level 2 Trauma Team Activation Y/N.....	54
ED_L2ATIME	Level 2 Trauma Team Activation Time.....	55
ED_L2ELAPT	Level 2 Activation Elapsed Time.....	56

## ED ADMISSION - PHYSICIAN TIMES

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
ED_NSCALL	Neurosurgical Trauma Called Time.....	57
ED_NSARRIV	Neurosurgical Trauma Arrival Time.....	58
NSRESPTIME	Neurosurgical Trauma Response Time (Min).....	59
NSPHCODE	Neurosurgical Trauma – Physician Code.....	60
ED_TSCALL	Surgery/Trauma Called Time.....	61
ED_TSARIVE	Surgery/Trauma Arrival Time.....	62
TSRESPTIME	Surgery/Trauma Response Time (Min).....	63
TSPHCODE	Surgery/Trauma – Physician Code.....	64
OPED_CALL	Orthopedic Trauma Called Time.....	65
OPED_ARRIV	Orthopedic Trauma Arrival Time.....	66
OSRESPTIME	Orthopedic Trauma Response Time (Min).....	67
ORPHCODE	Orthopedic Trauma – Physician Code.....	68

## ED ASSESSMENT I - Vital Signs

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
ED_BP	SBP.....	69
ED_EYE	GCS - Eye.....	70

ED_VRB	GCS – Verbal.....	71
ED_MTR	GCS – Motor.....	72
ED_GCS	GCS (Calculated).....	73
MANED_GCS	GCS (Manual).....	74
ED_PULSE	Pulse.....	75
ED_RESP	Respirations.....	76
ED_TEMP	Temperature.....	77
ED_CALCAQ	Assessment Qualifier - Calculated.....	78
ED_MANAQ	Assessment Qualifier - Manual.....	79
ED_TSARR	RTS (calculated).....	80
MANED_TSAR	RTS (manual).....	80

### ED ASSESSMENT I – RX

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
AIRWAY	Airway Management.....	82
BLOOD_NO	Units of Blood.....	83

### ED ASSESSMENT I – Lab

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
BASEDEF	Base Deficit.....	84
HCT	Admission Hematocrit.....	85
ETOH	ETOH.....	86

### ED ASSESSMENT I - Toxicology/Drug Screen

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
DRUG_SCRN	Drugs Found.....	87

### ED ASSESSMENT II - Initial Assessment

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
ABDCT	Abdominal CT Scan Results.....	88
AGRAM	Arteriogram/Angiogram.....	89
HEADCT	Head CT Results.....	90
PERLAV	Peritoneal Lavage.....	91

### ED ASSESSMENT II – Disposition

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
ADMSERVICE	Admitting Service.....	92
ED_DISP	ED Disposition.....	93

### DIAGNOSIS DETAIL FORM

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
ISS	Injury Severity Score.....	94

## HOSPITAL DIAGNOSIS

TNTR Element:	NTRACS Label:	
MANAIS_ISS	Manual ISS.....	95
PROBOFSURV	Ps.....	96
NISS	New Injury Severity Score.....	97
USRAIS_ABD	User AIS Abdomen.....	98
USRAIS_CHS	User AIS Chest.....	99
USRAIS_EXT	User AIS Extremities.....	100
USRAIS_FAC	User AIS Face.....	101
USRAIS_HN	User AIS Head/Neck.....	102
USRAIS_ST	User AIS External (Skin & Soft Tissue).....	103
USRAIS_ISS	User ISS.....	104

## PROCEDURES

TNTR Element:	NTRACS Label:	
OPTIMESTD	OR Book Time.....	105

## OUTCOME - Outcome Independence

TNTR Element:	NTRACS Label:	
FIM_FEED	Self-Feeding Score.....	106
FEED_STAT	Self-Feeding Status.....	107
FIM_INDPN	Locomotion Score.....	108
INDPN_STAT	Locomotion Status.....	109
FIM_MOTOR	Expression Score.....	110
MOTOR_STAT	Expression Status.....	111

## OUTCOME - FIM Score Total

TNTR Element:	NTRACS Label:	
FIM_SCORE	Total.....	112

## OUTCOME – Discharge

TNTR Element:	NTRACS Label:	
DCDATE	Discharge Date.....	113
DCTIME	Discharge Time.....	114
HOSPDISP	Disposition.....	115

## OUTCOME - Resource Utilization

TNTR Element:	NTRACS Label:	
ICUDAYS	Days in ICU.....	116
DRG_CODE	DRG Code.....	117
DRG_DESCR	DRG Description.....	118
VSUP_DAYS	Vent Support Day.....	119

**OUTCOME - Death Circumstances**

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
DTH_CAUSE	Circumstance of Death.....	120

**OUTCOME - Days in Hospital**

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
HOSPDAYS	Days in Hospital.....	121

**FINANCIAL**

<b>TNTR Element:</b>	<b>NTRACS Label:</b>	
COMPLETE	Is This Record Ready to Send.....	122
FINACCTNO	Finance Account Number.....	123
HOSPCHRG	Hospital Charges.....	124
INSUR	Primary Payor Source.....	125
REIMBDCHRG	Reimbursed Charges.....	126

## Demographics

**TNTR Element 1:** HOSPNO

**NTRACS Field Name:** Hospital ID

**Location:** Demographics

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Facility Identification Number – Used to identify the facility that entered the trauma record.

### Notes:

- Automatically pre-assigned.

**NTRACS Page Number:** 9

## Demographics

**TNTR Element 2:** MEDRECNO

**NTRACS Field Name:** Patient Identifier (Medical Record Number)

**Location:** Demographic

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Patient Identifier - Medical record number or other patient identifier on the transcript of the medical information about a patient.

### Accepted Entries:

- 15 character field. Supports letters, numbers, dashes and periods.
- ? = Not Recorded or Not Available
- **Default value = Not Available**

**NTRACS Page Number:** 10

## Demographics

**TNTR Element 3:** SOCSECNO

**NTRACS Field Name:** SSN (Social Security Number)

**Location:** Demographic

**Type:** C  
**Length:** 11  
**Decimals:** 0

### Definitions:

- SSN - A nine digit U.S. federal code uniquely registered to each American citizen and each legal resident that is allowed to work in the United States.

### Accepted Entries:

- Format: ###-##-####

### Other Codes:

- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate
- **Default value** - -

### Notes:

- If the patient is not a legal resident allowed to work in the United States or a United States citizen, use the / key to indicate not applicable.
- If the patient is either a legal resident allowed to work in the United States or a United States citizen, use the ? key to indicate unknown.

**NTRACS Page Number:** 11

## Demographics

**TNTR Element 4:** PFNAME

**NTRACS Field Name:** Name (First)

**Location:** Demographic

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Patient's First Name - Given name as on birth certificate or change-of-name affidavit.

### Accepted Entries:

- First Name
- ? = Not Recorded
- **Default value = Not Available**

### Notes:

- If name is not recorded or unknown, use ? to indicate this.

**NTRACS Page Number:** 12

## Demographics

**TNTR Element 5:** PMI

**NTRACS Field Name:** Name (Middle Initial)

**Location:** Demographic

**Type:** C  
**Length:** 1  
**Decimals:** 0

### Definitions:

- Patient's Middle Initial - The first letter of the patient's given second name.

### Accepted Entries:

- Middle Initial
- ? = Not Recorded
- / = Not Applicable, Inappropriate
- **Default value = ""**

### Notes:

- If name is not recorded or unknown, use ? to indicate this.
- If the patient does not have a middle name, then use / to indicate inappropriate.

**NTRACS Page Number:** 13

## Demographics

**TNTR Element 6:** PLNAME

**NTRACS Field Name:** Name (Last)

**Location:** Demographic

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Patient's Last Name - Given name as on birth certificate or change-of-name affidavit.

### Accepted Entries:

- Last Name
- ? = Not Recorded
- **Default value = Not Available**

### Notes:

- If name is not recorded or unknown, use ? to indicate this.

**NTRACS Page Number:** 14

## Demographics

**TNTR Element 7: SEX**

**NTRACS Field Name: Gender**

**Location: Demographic**

**Type: C**  
**Length: 1**  
**Decimals: 0**

### **Definitions:**

- Gender – Patient's sex

### **Accepted Entries:**

- F – Female
- M – Male
- ? – Unknown (mapped to "X")
- / - Inappropriate (mapped to "X")
- **Default value = Not available**

**NTRACS Page Number: 15**

## Demographics

**TNTR Element 8:** RACE

**NTRACS Field Name:** Race

**Location:** Demographic

**Type:** C  
**Length:** 1  
**Decimals:** 0

### Definitions:

- Race - A family, tribe, people, or nation having similar shared characteristics.

### Accepted Entries:

- A – Asian
- B – Black
- H – Hispanic
- I – American Indian
- O – Other
- W – White
- ? – Unknown (Mapped to “X”)
- / - Inappropriate (Mapped to “X”)
- **Default value = X** (includes Not Recorded or Not Available)

### Notes:

- If more than one race is indicated, use the *Other* option.

**NTRACS Page Number:** 16

## Demographics

**TNTR Element 9:** DOB

**NTRACS Field Name:** Date of Birth

**Location:** Demographic

**Type:** D  
**Length:** 10  
**Decimals:** 0

### Definitions:

- Date of Birth - The month, day, and year of the patient's birth.

### Accepted Entries:

- Valid date (mm/dd/yyyy)
- ? = Not Recorded/Unknown
- **Default value = //**

### Notes:

- If a valid NTRACS symbol (i.e., /, ?, etc.) was keyed into a date field, the stored system dates (e.g., "1899-12-30") are replaced with NULL entries.

**NTRACS Page Number:** 17

## Demographics

**TNTR Element 10:** AGE

**NTRACS Field Name:** (Calculated) Age

**Location:** Demographic

**Type:** N  
**Length:** 5  
**Decimals:** 1

### Definitions:

- Age - The date of birth to the date that the patient presented to the hospital expressed in years (auto generated).

### Accepted Entries:

- Number calculated from date of birth
- ? = Not Recorded
- **Default value = -5.0**

### NOTES:

- Auto-generated. (Age can also be changed by direct entry, MAN\_AGE).
- The patient's age is automatically calculated and placed in this field after the patient's date of birth and hospital arrival date has been entered.
- If date of birth is left blank, no auto-generated age is executed; however, manual age (MAN\_AGE) can still be entered)

**NTRACS Page Number:** 18

## Demographics

**TNTR Element 11:** MAN\_AGE

**NTRACS Field Name:** (Manual) Age

**Location:** Demographics

**Type:** N  
**Length:** 5  
**Decimals:** 1

**Definitions:**

- Manual entry of patient age in years

**Accepted Entries:**

- Numeric values
- **Default value is -5.0**

**NTRACS Page Number:** ntracs system

## Demographics

**TNTR Element 12: PADDRESS**

**NTRACS Field Name:** Address – Street

**Location:** Demographic

**Type:** C  
**Length:** 20  
**Decimals:** 0

### Definitions:

- Street Address - The number and street name where the patient most often resides.

### Accepted Entries:

- Valid street address
- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate
- **Default value = Not Available**

### Notes:

- If the patient's address was not recorded or unknown, use the ? key to indicate this.
- If the patient does not have an address (e.g. homeless person, vagabond), use the / to enter inappropriate.

**NTRACS Page Number:** 19

## Demographics

**TNTR Element 13:** PCITY

**NTRACS Field Name:** Address – City

**Location:** Demographic

**Type:** C  
**Length:** 30  
**Decimals:** 0

### Definitions:

- Patient City - City in which the patient resides

### Accepted Entries:

- Valid city
- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate
- **Default value = Not Available**

### Notes:

- If the patient's city was not recorded or unknown, use the ? key to indicate this.
- If the patient does not have a city (e.g. hermit in the wilderness), use the / to enter inappropriate.

**NTRACS Page Number:** 21

## Demographics

**TNTR Element 14:** PSTATE

**NTRACS Field Name:** Address – State

**Location:** Demographic

**Type:** C  
**Length:** 2  
**Decimals:** 0

### Definitions:

- State – The state in which the patient resides.

### Accepted Entries:

- 2-letter abbreviation for U.S. state of residence
- **Default value = UK**

### Notes:

- Use the ? key to indicate that the state is unknown.
- Use the / key to indicate that the patient is not a U.S. resident and does not have a state of residence.

**NTRACS Page Number:** 22

## Demographics

**TNTR Element 15:** PZIPCODE

**NTRACS Field Name:** Address – ZIP

**Location:** Demographic

**Type:** C  
**Length:** 14  
**Decimals:** 0

### Definitions:

- Zip Code – The U.S. Postal Code in which the patient resides.

### Accepted Entries:

- Valid zip code
- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate
- **Default value = 00000**

### Notes:

- Use the ? key to indicate that the zip code of residence is unknown.
- Use the / key to indicate that the zip code of residence does not apply (e.g. not a U.S. resident)

**NTRACS Page Number:** 23

## Demographics

**TNTR Element 16:** OCCUPATION

**NTRACS Field Name:** Occupation

**Location:** Demographic

**Type:** C  
**Length:** 50  
**Decimals:** 0

### Definitions:

- Occupation - The type of work or trade that patient engages to provide income

### Accepted Entries:

- Architecture and Engineering
- Arts, Design, Entertainment, Sports, and Media
- Building and Grounds Cleaning and Maintenance
- Business and Financial Operations
- Community and Social Service
- Computer and Mathematical
- Construction and Extraction
- Disabled
- Education, Training and Library
- Entrepreneur
- Farming, Fishing and Forestry
- Food Preparation and Serving
- Government
- Healthcare Practitioners and Technical
- Healthcare Support
- Installation, Maintenance and Repair
- Legal
- Management
- Military
- Minor
- Not Available
- Not Recorded (Mapped to Not Available)
- Office and Administrative Support
- Other Specified
- Personal Care and Service
- Production
- Protective Service
- Retired
- Sales and Related
- Transportation and Material Moving
- Unemployed
- / - Not Applicable (Mapped to Not Available)
- ? – Not Available

**Notes:** Search the [SOC Occupation Codes](#) using the “Search OES” box for a list if unsure of the occupation class (shown by 2-digit code) into which a job title fits

**NTRACS Page Number:** 26

## Injury

**TNTR Element 17:** INJDATE

**NTRACS Field Name:** Injury Date

**Location:** Injury

**Type:** D  
**Length:** 10  
**Decimals:** 0

### Definitions:

- Injury Date – The date on which the injury occurred.

### Accepted Entries:

- Valid date (mm/dd/yyyy)
- ? = Not Recorded
- **Default value = / /**

### Notes:

- If the date of injury is not known, use the /key to indicate date is unknown.
- If a valid NTRACS symbol (i.e., /, ?, etc.) was keyed into a date field, the stored system dates (e.g., "1899-12-30") are replaced with NULL entries.

**NTRACS Page Number:** 27

## Injury

**TNTR Element 18:** INJTIME

**NTRACS Field Name:** Injury Time

**Location:** Injury

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- Injury Time - The time on which the injury occurred.

### Accepted Entries:

- Valid Time
- ? = Not Recorded/Unknown

### Other Codes:

- **Default value :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00.
- If you do not know the time of injury, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown injury time as this is interpreted as midnight.

**NTRACS Page Number:** 28

## Injury

**TNTR Element 19:** INJCITY

**NTRACS Field Name:** Injury Location - City

**Location:** Injury

**Type:** C  
**Length:** 30  
**Decimals:** 0

### Definitions:

- Injury City - City in which injury occurred.

### Accepted Entries:

- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate
- **Default value = Not Available**

### Notes:

- Use the ? key to indicate that the location city is unknown.
- Use the / key to indicate that the location of injury was not near or within any named city/town/village location (e.g. wilderness location)

**NTRACS Page Number:** 29

## Injury

**TNTR Element 20:** INJSTATE

**NTRACS Field Name:** Injury Location - State

**Location:** Injury

**Type:** C  
**Length:** 2  
**Decimals:** 0

### Definitions:

- State – The state in which the injury occurred.

### Accepted Entries:

- Valid 2-digit state abbreviation
- ? = Not Recorded/Unknown (UK)
- / = Not Applicable, Inappropriate
- **Default value = UK**

### Notes:

- Use the ? key to indicate that the location state is unknown.
- Use the / key to indicate that the location of injury was not within any state (e.g. outside the U.S., off shore)

**NTRACS Page Number:** 30

## Injury

**TNTR Element 21:** INJZIP

**NTRACS Field Name:** Injury Location - Zip

**Location:** Injury

**Type:** C  
**Length:** 14  
**Decimals:** 0

### Definitions:

- Zip Code – The U.S. Postal Code in which the injury occurred.

### Accepted Entries:

- Valid zip code
- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate
- If unknown put 99999
- **Default value = 00000**

### Notes:

- Use the ? key to indicate that the location zip code is unknown.
- Use the / key to indicate that the location of injury was not within any zip code (e.g. outside the U.S., off shore)

**NTRACS Page Number:** 31

## Injury

**TNTR Element 22:** BLUNT

**NTRACS Field Name:** Mechanism – Blunt/Penetrating (Primary Injury Type)

**Location:** Injury

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Blunt - Non-penetrating injury, from an external force causing injury.
- Penetrating - Injury resulting from a projectile force, piercing instrument, and entering deeply causing tissue and/or organ injury.
- Burn - Tissue injury from excessive exposure to chemical, thermal, electrical, or radioactive agents.

### Accepted Entries:

- Blunt
- Burn
- Penetrating
- Not Recorded
- ? – Not Available
- / – Not Applicable, Inappropriate
- **Default value = Not Available**

### NOTES:

- If more than one mechanism of conflicting type exists, use the mechanism responsible for the most severe injuries sustained to determine primary injury type.

**NTRACS Page Number:** 34

## Injury

**TNTR Element 23:** INJSITE

**NTRACS Field Name:** Site (E849.# code)

**Location:** Injury

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Injury Site - The description of the location at which the patient was injured.

### Accepted Entries:

- Home
  - E849.0 - (includes apartment, boarding house, farm house, home premises, house (residential), non-institutional place of residence, private driveway, garage, garden, home, walk, swimming pool in private house or garden, yard of home).
  - Excludes: home under construction but not yet occupied, institutional place of residence.
- Farm
  - E849.1 - (includes buildings, land under cultivation).
  - Excludes: farm house and home premises of farm.
- Mine and Quarry
  - E849.2 - (gravel pit, sand pit, tunnel under construction).
- Industrial Places and Premises
  - E849.3 - (includes building under construction, dockyard, dry dock, factory building and premises, garage (place of work), industrial yard, loading platform (factory or store), plant, industrial, railway yard, shop (place of work), warehouse, workhouse).
- Place for Recreation and Sport (outdoor)
  - E849.4 - (amusement park, baseball field, basketball court, beach resort, cricket ground, fives court, football field, golf course, gymnasium, hockey field, holiday camp, ice palace, lake resort, mountain resort, playground including school playground, public park, racecourse, resort NOS, riding school, rifle range, seashore resort, skating rink, sports ground, sports palace, stadium, swimming pool, public, tennis court, vacation resort).
- Street and Highway
  - E849.5 – (and paved or unpaved government maintained road, access, byway, highway, street, avenue, boulevard, or motorized trail)

## Injury

- Public Building
  - E849.6 - (building including adjacent ground used by the general public or by a particular group of the public such as: airport, bank, casino, church, cinema, clubhouse, courthouse, dance hall, garage building, hotel, market
  - (grocery or other commodity), movie house, music hall, nightclub, office, office building, opera house, post office, public hall, radio broadcasting station, restaurant, school (state, public or private), shop, commercial, station (bus, railway), store, theater).
- Residential Institution
  - E849.7 - (children's home, dormitory, hospital, jail, elder care facility, assisted living center, nursing home, orphanage, prison, reform school).
- Other Specified Place
  - E849.8 - (beach NOS, canal caravan site NOS, derelict house, desert, dock, forest, harbor, hill, lake NOS, mountain, parking lot, parking place, pond or pool (natural), prairie, public place NOS, railway line, reservoir, river, sea, seashore NOS, stream, swamp, trailer court, woods).
- Unspecified Place
  - E849.9 – Indicates that the place of injury was not specified.
- **Default value = E849.9**

### Notes:

- Use unspecified place to indicate an unknown location of injury.
- DO NOT USE “/” FOR THIS FIELD USE E849.8 or E849.9 AS NEEDED.

**NTRACS Page Number: 35**

## Injury

**TNTR Element 24:** ECODE

**NTRACS Field Name:** E Code 1

**Location:** Injury

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- E Code - An index to external causes of injury and poisoning organized by the main terms, which describe the accident, circumstance, event, or specific agent, which caused the injury or other adverse effect.
- E Code 1 – Primary E-Code

### Accepted Entries:

- E-Code Format: ###.#

### Other codes:

- ? = Not Recorded
- / = Not Applicable, Inappropriate
- **Default value = 928.9, Unspecified Accident**

### Notes:

- If more than one mechanism of conflicting type exists, use the mechanism responsible for the most severe injuries sustained to determine primary injury type.

**NTRACS Page Number:** 37

## Injury

**TNTR Element 25:** ECODEDESCR

**NTRACS Field Name:** E Code 1

**Location:** Injury

### **Definitions:**

- This field is provided to enter additional detail regarding the specific mechanism identified by E Code 1. It is optional.

### **Notes:**

- F7 key activates spell checker

**NTRACS Page Number:** 38

## Injury

**TNTR Element 26:** ECODE2

**NTRACS Field Name:** E Code 2

**Location:** Injury

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- E Code - An index to external causes of injury and poisoning organized by the main terms, which describe the accident, circumstance, event, or specific agent, which caused the injury or other adverse effect.
- E Code 2 – Secondary E-Code

### Accepted Entries:

- E-Code Format: ###.#

### Other codes:

- ? = Not Recorded
- / = Not Applicable, Inappropriate → use 928.9 instead
- **Default value = 928.9, Unspecified Accident**

### Notes:

- If more than mechanism is identified, enter the E-Code that appropriately describes the mechanism that occurred **AFTER** the first mechanism. For example, if the patient sustained a GSW during a drive-by shooting and subsequently a motor vehicle crash, enter the appropriate E-Code for the motor vehicle crash since it occurred after the GSW.

**NTRACS Page Number:** 39

## Injury

**TNTR Element 27:** ECODEDESC2

**NTRACS Field Name:** E Code 2

**Location:** Injury

### Definitions:

- This field is provided to enter additional detail regarding the specific mechanism identified by E Code 2. It is optional.

### Notes:

- F7 key activates spell checker

**NTRACS Page Number:** 40

## Injury

**TNTR Element 28:** POSITION

**NTRACS Field Name:** Position

**Location:** Injury

**Type:** C  
**Length:** 25  
**Decimals:** 0

### Definitions:

- Position - Information related to the position of the patient within, on, or outside the vehicle at the time of the injury.

### Accepted Entries:

- ATV Driver
- ATV Passenger
- Bicyclist
- Child Seat
- Driver
- Motorcycle Driver
- Motorcycle Passenger
- Not Recorded
- Other Specified - (These entries are mapped to "Not Available")
- Passenger
- Pedestrian
- Ride Animal
- Streetcar Occupant
- Unspecified - (These entries are mapped to "Not Available" )
- **Default value = Not Available**

**NTRACS Page Number:** 42

## Injury

**TNTR Element 29:** CRASHRPT

**NTRACS Field Name:** Police Report number

**Location:** Injury

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Police Report Number - The preprinted or assigned number on the police report

### Accepted Entries:

- Alphanumeric police report number
- ? = Not Recorded
- / = Not Applicable, Inappropriate
- **Default Value = Not Available**

**NTRACS Page Number:** 41

## Injury

**TNTR Element 30:** SAFETY

**NTRACS Field Name:** Safety Equipment

**Location:** Safety Equipment Detail Form

**Type:** C  
**Length:** 25  
**Decimals:** 0

### Definitions:

- Safety Equipment - The safety device in use or worn by the patient at the time of the injury.

### Accepted Entries:

- Air Bag Only
- Air Bag & Belt
- Eye Protection
- Gloves
- Hard Hat
- Helmet
- Infant/Child Seat
- Not Recorded
- None
- Not Applicable
- Padding
- Protective Clothing
- Seat Belt
- **Default value = Not Available**

### Notes:

- If safety equipment is applicable but there was no safety equipment in effect, select *None*.
- If safety equipment is not applicable (e.g. fall from the same level), select *None*

**NTRACS Page Number:** 45

## Prehospital Detail Form

**TNTR Element 31:** CPR

**NTRACS Field Name:** CPR

**Location:** Prehospital Detail Form

**Type:** C  
**Length:** 30  
**Decimals:** 0

### Definitions:

- CPR (Cardiopulmonary Resuscitation) - Procedure for revival after cessation of cardiac or pulmonary activity

### Accepted Entries:

- Both Scene & En route CPR
- CPR Done at the Scene
- CPR Done En route
- Not Performed
- Not Recorded
- **Default value = Not Available**

**NTRACS Page Number:** 56

## ED Admission - ED Stay

**TNTR Element 32:** ARRIV\_FROM

**NTRACS Field Name:** Arrived From

**Location:** ED – ED Admission

**Type:** C  
**Length:** 25  
**Decimals:** 0

### Definitions:

- Arrived From - The location from which the patient was transported.

### Accepted Entries:

- Clinic/MD Office
- Home
- Jail/Prison
- Not Recorded
- Nursing Home
- Referring Hospital
- Scene of Injury – Includes daycare, firehouse, L&D
- Supervised Living – includes Mental Health
- Urgent Care – indicates the delivery of ambulatory care in a facility dedicated to the delivery of medical care outside of a hospital emergency
- ? – Not Available
- / – Not Applicable
- **Default value = Not Available**

### NOTES:

- If the patient went home from the place of injury before arrival at your hospital, select "Home". If the injury occurred at home, select "Scene".
- If the patient was admitted from an originating location within the hospital, enter "/" to indicate Not Applicable.

**NTRACS Page Number:** 115

## ED Admission - ED Stay

**TNTR Element 33:** ARRIVCOND

**NTRACS Field Name:** Arrival Condition

**Location:** ED – ED Admission

**Type:** C  
**Length:** 35  
**Decimals:** 0

### Definitions:

- Condition assessment done upon arrival.
- Neurological evaluation from ATLS to establish the patient's level of consciousness (Advanced Training Life Support - Course Manual)
  - A = Alert
  - P = Responds to Painful Stimuli
  - U = Unresponsive
  - V = Responds to Verbal Stimuli

### Accepted Entries:

- A – Alert
- P – Responds to Painful Stimuli
- U – Unresponsive
- V – Responds to Verbal Stimuli
- Not Recorded
- ? – Not Available
- / – Not Applicable, Inappropriate
- **Default value = Not Available**

**NTRACS Page Number:** 118

## ED Admission - ED Stay

**Element 34:** CHIEFCOMP

**NTRACS Field Name:** (Chief) Complaint

**Location:** ED – ED Admission

**Type:** C  
**Length:** 35  
**Decimals:** 0

### Definitions:

- Chief Complaint - The complaint of an external cause that resulted in pain or injury which caused the patient to come to the hospital.

### Accepted Entries:

- Aircraft
- Animal
- Assault
- ATV – All Terrain Vehicle (includes off road vehicle)
- Bicycle Crash
- Burn
- Crush
- Cut or Pierce (includes lacerations, cuts, puncture wounds, other penetrating)
- Electrical Injury
- Fall
- Farm/Heavy Equipment Incident
- Go Cart
- Gunshot Wound
- Industrial
- Machinery
- Motor Pedestrian Crash
- Motorcycle Crash (includes dirt bike, MCC)
- Motor Vehicle Crash (includes train)
- Not Performed
- Other Mechanism
- Pedestrian
- Rape
- Recreational (includes skateboard, rollerblading, scooter, sledding, skates, ski/snowboard )
- Sports – incurred while engaged in a sporting activity
- Stab Wound
- Struck by Object – non-motor vehicle related, fight/brawl
- Watercraft (includes boats, jet skis, water skiing, etc.)

## ED Admission - ED Stay

(CHIEFCOMP cont.)

- ? – Not Recorded
- **Default value = Not Available**

**NTRACS Page Number: 117**

**TNTR Element 35: DIR\_ADMIT**

**NTRACS Field Name: Direct Admit**

**Location: ED – ED Admission**

**Type: C**  
**Length: 1**  
**Decimals: 0**

### **Definitions:**

- Direct Admission - Admission to your hospital without being evaluated (other than vital signs) in the ED prior to going to the floor/ICU/OR.

### **Accepted Entries:**

- N – No
- Y – Yes
- ? – Not Recorded or Unknown
- / – Not Applicable, Inappropriate; (Use for DOA e.g.)
- X – Not Available
- **Default value = X**

**NTRACS Page Number: 112**

## ED Admission - ED Stay

**TNTR Element 36:** ED\_ARRDATE

**NTRACS Field Name:** ED Arrival/Admit Date

**Location:** ED – ED Admission

**Type:** C  
**Length:** 10  
**Decimals:** 0

### Definitions:

- Arrival/Admit Date – The date that the patient arrived to your facility
  - If the patient arrived in the ED, this is the patient arrival to ED
  - If the patient was a direct admit, this is the patient admission date

### Accepted Entries:

- Valid date (mm/dd/yyyy)
- ? = Not Recorded/Unknown
- Default value = //

### Notes:

- ED\_ARRDATE is mapped to “1899-11-11 11:11:11” value as a replacement for NULL in the field due to the field requiring a value as part of the composite primary key.

**NTRACS Page Number:** 113

## ED Admission - ED Stay

**TNTR Element 37:** ED\_ARRTIME

**NTRACS Field Name:** ED Stay - Arrival/Admit Time

**Location:** ED – ED Admission

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- Time of patient arrived to your facility.
  - If the patient arrived in the ED, this is the patient arrival to ED time.
  - If the patient was a direct admit, this is the patient admission time.

### Accepted Entries:

- Valid Arrival Time
- ? = Not Recorded/Unknown
- **Default value = :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00. The program will not accept a time of admission that is earlier than the time of injury.
- If you do not know the time of admission, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown admission time as this is interpreted as midnight.

**NTRACS Page Number:** 114

## ED Admission - ED Stay

**TNTR Element 38:** ED\_DCDATE

**NTRACS Field Name:** ED Discharge Date

**Location:** ED – ED Admission

**Type:** D  
**Length:** 10  
**Decimals:** 0

### Definitions:

- ED Discharge Date – The date the patient was discharged from the ED. If the patient died in the ED, this is the date of death.

### Accepted Entries:

- Valid Date Entries (mm/dd/yyyy)
- ? = Not Recorded
- / = Not Applicable, Inappropriate
- **Default value = / /**

### Notes:

- If the patient was a direct admit (bypassed ED) to your facility, use the /key to enter Inappropriate.
- If a valid NTRACS symbol (i.e., /, ?, etc.) was keyed into a date field, the stored “1899-12-30” dates are replaced with NULL entries.

**NTRACS Page Number:** 119

## ED Admission - ED Stay

**TNTR Element 39:** ED\_DCTIME

**NTRACS Field Name:** ED Discharge Time

**Location:** ED – Ed Admission

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- ED Discharge Time – The time the patient was discharged from the ED. If the patient died in the ED, this is the time of death.

### Accepted Entries:

- Valid Time
- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate
- **Default value = :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00.
- If you do not know the time, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown admission time as this is interpreted as midnight.
- If the patient was a direct admit (bypassed ED) to your facility, use the /key to enter Inappropriate.

**NTRACS Page Number:** 120

## ED Admission - ED Stay

**TNTR Element 40:** ED\_LOS

**NTRACS Field Name:** Length of Stay (Hrs)

**Location:** ED – ED Admissions

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- Auto-calculated field
- Number of hours ED\_LOC = ED DC Time - ED Arrival Time

### Accepted Entries:

- Auto-calculated field (expressed in hours)

### Other Codes:

- Calculated hours

**NTRACS Page Number:** ntracs system

## ED Admission - ED Stay

**TNTR Element 41:** TRANSPORT

**NTRACS Field Name:** Transport

**Location:** ED – ED Admission

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Transport - The mode in which the patient arrived in your institution.

### Accepted Entries:

- Air
- Air, ALS
- Air, BLS
- Air, Fixed Wing
- Ground
- Ground, ALS
- Ground, BLS
- Police
- Private Vehicle
- Walk
- Not Recorded (Mapped to Not Available)
- Not Applicable
- **Default value = Not Available**

### Notes:

- If no distinction is made between ALS/BLS for ambulance, select the option *Ground*
- If no distinction is made between ALS/BLS for helicopter, select the option *Air*.

## ED Admission - ED Stay

NTRACS Page Number: 116

**TNTR Element 42:** ED\_L1ACTIV

**NTRACS Field Name:** Level 1 Trauma Team Activation Y/N

**Location:** ED – ED Admission

**Type:** C  
**Length:** 1  
**Decimals:** 0

### Definitions:

- Trauma Team – *Quote from the Resources for the Optimal care of the Injured Patient:*
  - A group of health care professionals organized to provide care to the trauma patient in a coordinated and timely fashion." The leader of the team must be a "qualified surgeon", with specific composition of the team based on your institutional requirements.
- Trauma Team Activation - Announcement of incoming trauma patient via pager system to assemble all members of the trauma team in the ED resuscitation area.
- Level-1 - Highest level of team activation at your institution using defined trauma triage guidelines.

### Accepted Entries:

- Y = Trauma Team WAS Activated
- N = Trauma Team was NOT Activated
- X = Not Recorded
- Z = Not Applicable, Inappropriate
- **Default value = X**

NTRACS Page Number: 121

## ED Admission - Trauma Team Activation Screen

**TNTR Element 43:** ED\_L1ATIME

**NTRACS Field Name:** Level 1 Trauma Team Activation Time

**Location:** ED – ED Admission

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- Activation Time – Time that the trauma team was notified.

### Accepted Entries:

- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate (If ED\_L1ACTIV = N)

### Other Codes:

- **Default value = :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00.
- If you do not know the time, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown time as this is interpreted as midnight.

**NTRACS Page Number:** 122

## ED Admission - Trauma Team Activation Screen

**TNTR Element 44:** ED\_L1ELAPT

**NTRACS Field Name:** Level 1 Activation Elapsed Time

**Location:** ED – ED Admission

**Type:** N  
**Length:** 5  
**Decimals:** 0

### Definitions:

- Auto-calculated field
  - $ED\_L1ELAPT = ED \text{ Activation Time} - ED \text{ Arrive Time}$

### Accepted Entries:

- Auto-calculated expressed in minutes
- **Default value = -5**

**NTRACS Page Number:** ntracs system

## ED Admission - Trauma Team Activation Screen

**TNTR Element 45:** ED\_L2ACTIV

**NTRACS Field Name:** Level 2 Trauma Team Activation Y/N

**Location:** ED – ED Admission

**Type:** C  
**Length:** 1  
**Decimals:** 0

### Definitions:

- Trauma Team – *Quote from the Resources for the Optimal care of the Injured Patient:*
  - A group of health care professionals organized to provide care to the trauma patient in a coordinated and timely fashion." The leader of the team must be a "qualified surgeon", with specific composition of the team based on your institutional requirements.
- Trauma Team Activation - Announcement of incoming trauma patient via pager system to assemble all members of the trauma team in the ED resuscitation area.
- Level-2 – Secondary level of team activation at your institution using defined trauma triage guidelines.

### Accepted Entries:

- Y = Trauma Team WAS Activated
- N = Trauma Team was NOT Activated
- X = Not Recorded
- Z = Not Applicable, Inappropriate
- **Default value = X**

**NTRACS Page Number:** 123

## ED Admission - Trauma Team Activation Screen

**TNTR Element 46:** ED\_L2ATIME

**NTRACS Field Name:** Level 2 Trauma Team Activation Time

**Location:** ED – ED Admission

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- Activation Time – Time that the trauma team was notified.

### Accepted Entries:

- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate (if ED\_L2ACTIV = N)

### Other Codes:

- **Default value = :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00.
- If you do not know the time, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown time as this is interpreted as midnight.

**NTRACS Page Number:** 124

## ED Admission - Trauma Team Activation Screen

**TNTR Element 47:** ED\_L2ELAPT

**NTRACS Field Name:** Level 2 Activation Elapsed Time

**Location:** ED – ED Admission

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- Auto-calculated field
  - $ED\_L2ELAPT = ED \text{ Activation Time} - ED \text{ Arrive Time}$

### Accepted Entries:

- Auto-calculated expressed in minutes
- **Default value = -5**

**NTRACS Page Number:** ntracs system

## ED Admission – Physician Times

**TNTR Element 48:** ED\_NSCALL

**NTRACS Field Name:** Neurosurgical Trauma Called Time

**Location:** ED – ED Admission

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- The time recorded that the Neurosurgeon physician was called to the patient.

### Accepted Entries:

- Valid time
- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00.
- If you do not know the time, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown time as this is interpreted as midnight.

**NTRACS Page Number:** 136

## ED Admission – Physician Times

**TNTR Element 49:** ED\_NSARRIV

**NTRACS Field Name:** Neurosurgical Trauma Arrival Time

**Location:** ED – ED Admission

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- The earliest time of the Neurosurgeon Physician's arrival at the patient's bedside, whether in the ED, OR, or ICU.

### Accepted Entries:

- Valid time
- ? – Not Recorded/Unknown
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00.
- If you do not know the time, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown time as this is interpreted as midnight.

**NTRACS Page Number:** 137

## ED Admission – Physician Times

**TNTR Element 50:** NSRESPTIME

**NTRACS Field Name:** Neurosurgical Trauma Response Time (Min)

**Location:** ED – ED ADMISSION

**Type:** N  
**Length:** 4  
**Decimals:** 0

### Definitions:

- Auto-calculated field
- NSRESPTIME = Neurosurgeon Arrive Time – Neurosurgeon Call Time

### Accepted Entries:

- Calculation minutes #####

### Other Codes:

- Default value is -5

**NTRACS Page Number:** ntracs system

## ED Admission – Physician Times

**TNTR Element 51:** NSPHCODE

**NTRACS Field Name:** Neurosurgical Trauma - Physician Code

**Location:** ED – ED Admission

**Type:** C  
**Length:** 7  
**Decimals:** 0

### Definitions:

- Neurosurgical Trauma – The attending neurosurgeon called during the initial care of the patient

### Accepted Entries:

- Valid Physician Code
- ? = Not Recorded
- / = Not Applicable, Inappropriate
- **Default entry is “”**

### Notes:

- Enter code or descriptor defined by the user to identify the neurosurgeon
- Choices need to be added to the menu before using the field

**NTRACS Page Number:** 135

## ED Admission – Physician Times

**TNTR Element 52:** ED\_TSCALL

**NTRACS Field Name:** Surgery/Trauma Called Time

**Location:** ED – ED Admission

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- The time recorded that the Surgery/Trauma Physician was called to the patient.

### Accepted Entries:

- Valid time
- ? = Not Recorded/Unknown

### Other Codes:

- **Default value = :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00.
- If you do not know the time, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown time as this is interpreted as midnight.

**NTRACS Page Number:** 128

## ED Admission – Physician Times

**TNTR Element 53:** ED\_TSARIVE

**NTRACS Field Name:** Surgery/Trauma Arrival Time

**Location:** ED – ED Admission

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- The earliest time of the Surgery/Trauma Physician's arrival at the patient's bedside, whether in the ED, OR, or ICU.

### Accepted Entries:

- Valid time
- ?, Not Recorded/Unknown

### Other Codes:

- **Default value = :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00.
- If you do not know the time, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown time as this is interpreted as midnight.

**NTRACS Page Number:** 129

## ED Admission – Physician Times

**TNTR Element 54:** TSRESPTIME

**NTRACS Field Name:** Surgery/Trauma Response Time (Min)

**Location:** ED – ED ADMISSION

**Type:** N  
**Length:** 4  
**Decimals:** 0

### Definitions:

- Auto-calculated field
- TSRESPTIME = Trauma Surgeon Arrive Time – Trauma Surgeon Call Time

### Accepted Entries:

- Calculated minutes #####

### Other Codes:

- **Default value is -5, Not Available**

**NTRACS Page Number:** ntracs system

## ED Admission – Physician Times

**TNTR Element 55:** TSPHCODE

**NTRACS Field Name:** Surgery/Trauma - Physician Code

**Location:** ED – ED Admission

**Type:** C  
**Length:** 7  
**Decimals:** 0

### Definitions:

- Surgery/Trauma Physician – The attending trauma surgeon called during the initial care of the patient

### Accepted Entries:

- Valid Physician Code
- ? = Not Recorded
- / = Not Applicable, Inappropriate
- **Default entry is “”**

### Notes:

- Enter code or descriptor defined by the user to identify the trauma surgeon
- Choices need to be added to the menu before using the field

**NTRACS Page Number:** 127

## ED Admission – Physician Times

**TNTR Element 56:** OPED\_CALL

**NTRACS Field Name:** Orthopedic Trauma Called Time

**Location:** ED – ED Admission

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- The time recorded that the orthopedic physician was called to the patient.

### Accepted Entries:

- Valid time
- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00.
- If you do not know the time, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown time as this is interpreted as midnight.

**NTRACS Page Number:** 140

## ED Admission – Physician Times

**TNTR Element 57:** OPED\_ARRIV

**NTRACS Field Name:** Orthopedic Trauma Arrival Time

**Location:** ED – ED Admission

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- The earliest time of the orthopedic physician arrival at the patient's bedside, whether in the ED, OR, or ICU.

### Accepted Entries:

- Valid time
- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00.
- If you do not know the time, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown time as this is interpreted as midnight.

**NTRACS Page Number:** 141

## ED Admission – Physician Times

**TNTR Element 58:** OSRESPTIME

**NTRACS Field Name:** Orthopedic Trauma Response Time (Min)

**Location:** ED – ED ADMISSION

**Type:** N  
**Length:** 4  
**Decimals:** 0

**Definitions:**

- Auto-calculated field equal to
- Orthopedic Surgeon Arrive Time – Orthopedic Surgeon Call Time

**Accepted Entries:**

- Auto-calculated expressed in minutes

**Other Entries:**

- **Default value is -5**

**NTRACS Page Number:** ntracs

## ED Admission – Physician Times

**TNTR Element 59:** ORPHCODE

**NTRACS Field Name:** Orthopedic Trauma – Physician Code

**Location:** ED – ED Admission

**Type:** C  
**Length:** 7  
**Decimals:** 0

### Definitions:

- Orthopedic Trauma – The attending orthopedic surgeon called during the initial care of the patient

### Accepted Entries:

- Valid Physician Code
- ? = Not Recorded
- / = Not Applicable, Inappropriate
- **Default value = ""**

### Notes:

- Enter code or descriptor defined by the user to identify the orthopedic surgeon
- Choices need to be added to the menu before using the field

**NTRACS Page Number:** 139

## ED Assessment 1 – Vital Signs

**TNTR Element 60:** ED\_BP

**NTRACS Field Name:** SBP

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 3  
**Decimals:** 0

### Definitions:

- Systolic – Maximum blood pressure occurring during contraction of ventricles.

### Accepted Entries:

- Range: 0 to 300
- ? = Not Recorded
- / = Not Performed

### Other Codes:

- **Default value = -5**

### Notes:

- Record the initial measurement taken for the patient at the time of arrival to the hospital (within 30 minutes of arrival).

**NTRACS Page Number:** 154

## ED Assessment 1 – Vital Signs

**TNTR Element 61:** ED\_EYE

**NTRACS Field Name:** GCS Eye

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Eye Score component used to calculate the Glasgow Coma Scale.

### Accepted Entries:

- Score Values:
  - 1 – Does not Open Eyes
  - 2 – Opens Eyes to Pain
  - 3 – Opens Eyes to Commands
  - 4 – Spontaneous Eye Opening

### Other Codes:

- **Default Value = -5**

### Notes:

- Record the initial measurement taken for the patient at the time of arrival to the hospital (within 30 minutes of arrival).
- If patient DOA, use “/” to indicate Not Applicable, Inappropriate

**NTRACS Page Number:** 156

## ED Assessment 1 – Vital Signs

**TNTR Element 62:** ED\_VRB

**NTRACS Field Name:** GCS - Verbal

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Verbal Score component used to calculate the Glasgow Coma Scale.

### Accepted Entries:

- Score Values:
  - 1 – No Response
  - 2 – Incomprehensible Sounds
  - 3 – Inappropriate Words
  - 4 – Disoriented and Converses
  - 5 – Oriented and Converses

### Other Codes:

- **Default value = -5**

### Notes:

- Record the initial measurement taken for the patient at the time of arrival to the hospital (within 30 minutes of arrival).
- If patient DOA, use “/” to indicate Not Applicable, Inappropriate

**NTRACS Page Number:** 157

## ED Assessment 1 – Vital Signs

**TNTR Element 63:** ED\_MTR

**NTRACS Field Name:** GCS - Motor

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Motor Score component used to calculate the Glasgow Coma Scale.

### Accepted Entries:

- Score Values:
  - 1 – No Response
  - 2 – Extends to Pain
  - 3 – Flexes to Pain
  - 4 – Moves to Pain
  - 5 – Localizes Pain
  - 6 – Follows Commands

### Other Codes:

- **Default value = -5**

### Notes:

- Record the initial measurement taken for the patient at the time of arrival to the hospital (within 30 minutes of arrival).
- If patient DOA, use “/” to indicate Not Applicable, Inappropriate

**NTRACS Page Number:** 158

## ED Assessment 1 – Vital Signs

**TNTR Element 64:** ED\_GCS

**NTRACS Field Name:** GCS (Calculated)

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- GCS (Glasgow Coma Scale) – A scoring scale based on the initial best sum of three clinically observed component. The GCS score is used to assess overall consciousness. The observed components are:
  - Eye opening (values 1 – 4)
  - Verbal response (values 1 – 5)
  - Motor response (values 1 – 6)

### Accepted Entries:

- Range: 3 to 15

### Other codes:

- ? = Not Recorded
- / = Not Applicable, Inappropriate
- **Default value = -5**

### Notes:

- Auto-generated if components are valued.
- Record the initial measurement taken for the patient at the time of arrival to the hospital (within 30 minutes of arrival).
- Use the *Manual* GCS field if the scale components are not recorded but an overall GCS score is recorded.

**NTRACS Page Number:** 155

## ED Assessment 1 – Vital Signs

**TNTR Element 65:** MANED\_GCS

**NTRACS Field Name:** GCS (Manual)

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- GCS (Glasgow Coma Scale) – A scoring scale based on the initial best sum of three clinically observed component. The GCS score is used to assess overall consciousness. The observed components are:
  - Eye opening (values 1 – 4)
  - Verbal response (values 1 – 5)
  - Motor response (values 1 – 6)

### Accepted Entries:

- Range: 3 to 15

### Other Codes:

- **Default value = -5**
- **Not Applicable, Inappropriate = -4**

### Notes:

- Record the initial measurement taken for the patient at the time of arrival to the hospital (within 30 minutes of arrival).
- Use the *Manual* GCS field if the scale components are not recorded but an overall GCS score is recorded.

**NTRACS Page Number:** 155

## ED Assessment 1 – Vital Signs

**TNTR Element 66:** ED\_PULSE

**NTRACS Field Name:** Pulse

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 3  
**Decimals:** 0

### Definitions:

- Pulse Rate - Rate of the heartbeat, measured in beats per minute.

### Accepted Entries:

- Range: 0 to 300
- ? = Not Recorded
- / = Not Performed

### Other Codes:

- **Default value = -5**

### Notes:

- Enter the patient's radial or apical pulse.
- Record the initial measurement taken for the patient at the time of arrival to the hospital (within 30 minutes of arrival).
- Do not use the cardiac monitor rate.

**NTRACS Page Number:** 152

## ED Assessment 1 – Vital Signs

**TNTR Element 67:** ED\_RESP

**NTRACS Field Name:** Resp

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Respiration Rate - The act of breathing, measured in spontaneous unassisted breaths per minute, without the use of a mechanical device.
- Recorded as number of breaths per minute.

### Accepted Entries:

- Range: 0 to 99
- ? = Not Recorded
- / = Not Performed

### Other Codes:

- **Default value = -5.0**

### Notes:

- Record the initial measurement taken for the patient at the time of arrival to the hospital (within 30 minutes of arrival).

**NTRACS Page Number:** 153

## ED Assessment 1 – Vital Signs

**TNTR Element 68:** ED\_TEMP

**NTRACS Field Name:** Temp

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 5  
**Decimals:** 1

### Definitions:

- Temperature - The degree of heat in a living body.

### Accepted Entries:

- Range:
  - If software is set to Fahrenheit: 0 to 110 degrees
  - If software is set to Celsius: 0 to 41 degrees
- ? = Not Recorded
- / = Not Performed

### Other Codes:

- **Default value = -5.0**

### Notes:

- Record the initial measurement taken for the patient at the time of arrival to the hospital (within 30 minutes of arrival).

**NTRACS Page Number:** 151

## ED Assessment 1 – Vital Signs

**TNTR Element 69:** ED\_CALCAQ

**NTRACS Field Name:** Assessment Qualifier - Calculated

**Location:** ED – ED Assessment I

**Type:** C  
**Length:** 2  
**Decimals:** 0

### Definitions:

- This field indicates whether at the time of the assessment was there a specific condition that could alter measurement taken.
- Applies only for the calculated GCS

### Accepted Entries:

- L – Legitimate value, without intervention (includes bag mask ventilation, intubated, and paralytics)
- S – Chemically Sedated
- T – Intubated (includes tracheotomy)
- TP – Intubated and Chemically Paralyzed
- V – Not Recorded
- Z – Not Applicable, Inappropriate
- **Default value = L**

### Notes:

- Record the qualifier at the time the initial GCS is assessed at the time of arrival to the hospital.

**NTRACS Page Number:** 162

## ED Assessment 1 – Vital Signs

**TNTR Element 70:** ED\_MANAQ

**NTRACS Field Name:** Assessment Qualifier – Manual

**Location:** ED – ED Assessment I

**Type:** C  
**Length:** 2  
**Decimals:** 0

### Definitions:

- This field indicates whether at the time of the assessment was there a specific condition that could alter measurement taken.
- Applies only for the calculated GCS

### Accepted Entries:

- L – Legitimate value, without intervention (includes bag mask ventilation, intubated, and paralytics)
- S – Chemically Sedated
- T – Intubated (includes tracheotomy)
- TP – Intubated and Chemically Paralyzed
- V – Not Recorded
- Z – Not Applicable, Inappropriate
- **Default value = L**

### Notes:

- Record the qualifier at the time the initial GCS is assessed at the time of arrival to the hospital.

**NTRACS Page Number:** 163

## ED Assessment 1 – Vital Signs

**TNTR Element 71 & 72:** ED\_TSARR (calculated) and MANED\_TSAR (manual)

**NTRACS Field Name:** RTS (calculated & manual)

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 7  
**Decimals:** 4

### Definitions:

- RTS – Revised Trauma Score
- The revised trauma a physiological measurement of severity for trauma patients. It is based on three vital statistics measurements: GCS, Systolic BP, and Respiratory Rate.
- RTS uses a calculation that ranks each vital statistic accordingly:

- GCS range:

13 to 15	4
9 to 12	3
6 to 8	2
4 to 5	1
3	0

- Respiratory Rate range:

10 to 29	4
Over 29	3
6 to 9	2
1 to 5	1
0	0

- Systolic BP range:

Over 89	4
76 to 89	3
50 to 75	2
1 to 49	1
0	0

- Each ranking is used in the following calculation:
  - Each ranking is added together.
  - Formula:  $RTS = GCS \text{ Rank} + SBP \text{ Rank} + RR \text{ Rank}$

### Accepted Entries:

- Range:
  - RTS: 0 to 12

### Other Codes:

- Default value = -5.0

## ED Assessment 1 – Vital Signs

**Element 71 & 72:** ED\_TSARR (calculated) and MANED\_TSAR (manual) - **(continued)**

**Notes:**

- Auto-generated if components are valued.
- Record the initial measurement taken for the patient at the time of arrival to the hospital.
- Use the *Manual* RTS field if the components are not recorded but an overall RTS score is recorded.

**NTRACS Page Number:** 159

## ED Assessment 1 – RX

**TNTR Element 73:** AIRWAY

**NTRACS Field Name:** Airway Management

**Location:** ED – ED Assessment I

**Type:** C  
**Length:** 30  
**Decimals:** 0

### Definitions:

- Airway management in the Emergency Department; a device or procedure used to prevent or correct obstructed respiratory passage.

### Accepted Entries:

- / – Not Applicable, Inappropriate
- ? – Not Available
- Bag & Mask
- Blind Insertion Device – Includes, King, LMA, Combitube
- Cricothyrotomy
- EOA – Esophageal Obturator Airway
- Nasal ETT – Nasal Endotracheal Tube
- Not Performed
- Oral Airway
- Oral ETT – Oral Endotracheal Tube
- Tracheostomy
- Route not specified – (includes ETT without specificity of either oral or nasal locations)
- **Default value = Not Available**

**NTRACS Page Number:** 165

## ED Assessment 1 – RX

**TNTR Element 74:** BLOOD\_NO

**NTRACS Field Name:** Units of Blood

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 7  
**Decimals:** 2

### Definitions:

- Units of Blood - Refers to the number of units of blood given to the patient in the first 24 hours after injury, including blood given at the referring hospital or in transport from the scene.

### Accepted Entries:

- Numerical entry
- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate
- Other Codes:
  - -4 = Not Applicable, Inappropriate
  - -6 = Not Performed
- **Default Value = -5.0**

### NOTES:

- Blood includes:
  - *Whole blood*
  - *Packed red blood cells*
  - *Auto-transfused or Cell saver blood*
- Blood does **NOT** include:
  - *Platelets*
  - *Fresh frozen plasma*
  - *Cryoprecipitate*

**NTRACS Page Number:** 167

## ED Assessment 1 – Lab

**TNTR Element 75:** BASEDEF

**NTRACS Field Name:** Base Deficit

**Location:** ED - ED Assessment I

**Type:** N  
**Length:** 6  
**Decimals:** 1

### Definitions:

- Base Deficit - Arterial blood gas component showing the degree of acid/base imbalance with a normal ranges being +/- 2
- Meq./L. A valid Base Deficit value range is +/- 80.

### Accepted Entries:

- Numerical entry format ### (valid range is +/- 80)
- ? = Not Recorded
- / = Not Applicable, Inappropriate

**NTRACS Page Number:** 170, ntracs system

## ED Assessment 1 – Lab

**TNTR Element 76:** HCT

**NTRACS Field Name:** Admission Hematocrit

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 4  
**Decimals:** 1

### Definitions:

- Hematocrit – Volume percentage of erythrocytes in whole blood.; results of initial hematocrit value
- Normal ranges:
  - 45 to 52 percent for males
  - 37 to 48 percent for females

### Accepted Entries:

- Range: 0 to 80
- ? = Not Available or Not Recorded/Unknown
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = -5**

### Notes:

- If hematocrit was tested but results are inconclusive, use the ? key to enter Unknown.
- If hematocrit was not tested, use the / key to enter Not Performed.

**NTRACS Page Number:** 169

## ED Assessment 1 – Lab

**TNTR Element 77:** ETOH

**NTRACS Field Name:** ETOH

**Location:** ED – ED Assessment I

**Type:** N  
**Length:** 4  
**Decimals:** 2

### Definitions:

- Blood Alcohol Level - A measurement of ethyl alcohol in the bloodstream from a sample of serum obtained for laboratory examination.
- Measured in mg/dl (milligrams per deciliter)

### Accepted Entries:

- Range: 0 to 700
- ? = Not Recorded/Unknown
- / = Not Performed

### Other Codes:

- **Default value = -5**

### Notes:

- If ETOH BAC is not tested, use the /key to enter Not Performed.
- If ETOH BAC is tested, but results are inconclusive, use the ? to enter Unknown.
- Enter the ETOH BAC when screening was first performed in the ED or reported from referring hospital.

**NTRACS Page Number:** 168

## ED Assessment 1 – Toxicology/Drug Screen

**TNTR Element 78:** DRUG\_SCRN

**NTRACS Field Name:** Drugs Found

**Location:** Toxicology/Drug Screen Detail Form

**Type:** C  
**Length:** 30  
**Decimals:** 0

### Definitions:

- Toxicology/Drug Screen - Laboratory test used to detect the presence of drugs in the patient's blood or urine.

### Accepted Entries:

- Select from the most appropriate drug classification list or use the following choices when appropriate:
  - No Drugs Detected – Tested for drugs, none found
  - Not Performed – Did not test for drugs
  - Not Recorded – Tested for drugs but unknown results
- Accepted Drug Classifications:
  - Barbiturates
  - Benzodiazepines – Diazepam, lorazepam
  - Cannabinoids – Marijuana, Hashish
  - Disassociatives – Ketamine, PCP
  - Ethanol - Alcohol
  - Opioids – Morphine, Codeine, Methadone
  - Poly drugs – Multiple drugs
  - Stimulants – Amphetamine, Cocaine, Methamphetamine
  - Sympathomines
  - Tranquilizers - Meprobamate
  - Tricyclics – Amitriptylines, Doxepin, Imipramine

### Notes:

- Enter the drugs present when drug screening was first performed in the ED or reported from referring hospital.
- More than one drug can be entered.
- Do not include drugs given to the patient during any phase of resuscitation.

**NTRACS Page Number:** 172

## ED Assessment 2 – Initial Assessment

**TNTR Element 79:** ABDCT

**NTRACS Field Name:** Initial Assessment - Abdominal CT Scan Results

**Location:** ED – ED Assessment II

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Abdomen - the portion of the body, which lies between the chest and the pelvis.
- CT Scan - Computerized Axial Tomography - a diagnostic procedure that utilizes a computer to analyze x-ray data.

### Accepted Entries:

- ? – Not Recorded
- / – Not Applicable, Inappropriate
- Negative – No Significant Findings
- Not Performed
- Positive – Significant Findings; showing injury to abdominal organ, not to include bony structures
- **Default value = Not Available**

**NTRACS Page Number:** 182

## ED Assessment 2 – Initial Assessment

**TNTR Element 80:** AGRAM

**NTRACS Field Name:** Initial Assessment – Arteriogram/Angiogram

**Location:** ED - ED Assessment II

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Arteriogram/Angiogram - X-ray film of the arteries after the injection of a dye.

### Accepted Entries:

- Negative
- Positive
- Not Performed
- Not Recorded
- / = Not Applicable, Inappropriate
- **Default value = Not Available**

**NTRACS Page Number:** 196

## ED Assessment 2 – Initial Assessment

**TNTR Element 81:** HEADCT

**NTRACS Field Name:** Initial Assessment – Head CT Scan Results

**Location:** ED – ED Assessment II

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Head – Portion of the body which contains the brain and organs of sight, smell, hearing and taste.
- CT Scan – Computerized Axial Tomography - a diagnostic procedure that utilizes a computer to analyze x-ray data.

### Accepted Entries:

- Negative - No Significant Findings
- Positive - Significant Positive Findings – Showing actual injury to the brain only, not to include the bony structures or face.
- Not Performed
- / - Not Applicable, Inappropriate
- ? – Not Recorded
- **Default value = Not Available**

**NTRACS Page Number:** 179

## ED Assessment 2 – Initial Assessment

**TNTR Element 82:** PERLAV

**NTRACS Field Name:** Initial Assessment – Peritoneal Lavage

**Location:** ED – ED Assessment II

**Type:** C  
**Length:** 30  
**Decimals:** 0

### Definitions:

- Peritoneal Lavage - Washing out of the peritoneal cavity with a fluid.
- Peritoneal Cavity - Region bordered by parietal layer of the peritoneum containing all the abdominal organs exclusive of the kidneys.

### Accepted Entries:

- Negative
- Not Performed
- Not Recorded
- Positive
- / = Not Applicable, Inappropriate
- **Default value = Not Available**

**NTRACS Page Number:** 190

## ED Assessment 2 – Disposition

**TNTR Element 83:** ADMSERVICE

**NTRACS Field Name:** Admitting Service

**Location:** ED - ED Assessment II

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Admitting Service - The service, to which the patient is designated upon admission to your hospital or, in the case of death in the ED, the service, which gives the patient primary care in the ED.

### Accepted Entries:

- Burn
- Cardiology
- ENT – Ear, Nose, & Throat Specialist
- General Surgery
- Hand Surgery
- Medicine – includes Internal Med, Hospitalists, Family Practice
- Neurology – Includes Neuro (med)
- Neurosurgery
- Ophthalmology
- Oral Surgery
- Orthopedics
- Pediatrics – Includes non-surgical pediatric patients
- Plastic Surgery
- Trauma Surgery – includes pediatric and OB/GYN surgeries
- Urology (Added)
- Not Recorded
- / – Not Applicable, Inappropriate
- ? – Not Available
- **Default value = Not Available**

**NTRACS Page Number:** 201

## ED Assessment 2 – Disposition

**TNTR Element 84:** ED\_DISP

**NTRACS Field Name:** ED Disposition

**Location:** ED – ED Assessment II

**Type:** N  
**Length:** 35  
**Decimals:** 0

### Definitions:

- ED Disposition - The location of the patient following treatment in the ED.

### Accepted Entries:

- Admit to Floor Bed
- Against Medical Advice
- Burn
- Dead on Arrival
- Death in ED
- Home
- ICU
- Jail
- Monitored Telemetry Bed
- Not Recorded
- Nursing Home
- OR
- Psych
- Transfer to Other Hospital
- **Default value = Not Available**

**NTRACS Page Number:** 199

## DX – Diagnosis Detail Form

**TNTR Element 85:** ISS

**NTRACS Field Name:** Injury Severity Score

**Location:** Hospital Diagnoses/Diagnosis Detail Form

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- The Injury Severity Score (ISS) is an anatomical scoring system that provides an overall score for patients with multiple injuries. Each injury is assigned an Abbreviated Injury Scale (AIS) score and is allocated to one of six body regions (Head, Face, Chest, Abdomen, Extremities (including Pelvis), External). Only the highest AIS score in each body region is used. The 3 most severely injured body regions have their score squared and added together to produce the ISS score.

### Accepted Entries:

- 1 – 75
- **Default value = -5**

**NTRACS Page Number:** ntracs system

## Hospital DX – Manual/User AIS

**TNTR Element 86:** MANAIS\_ISS

**NTRACS Field Name:** Manual ISS

**Location:** Hospital Diagnoses/Diagnosis Detail Form

**Type:** N  
**Length:** 2  
**Decimals:** 0

**Definitions:**

- Injury Severity Score (manual)

**Accepted Entries:**

- 1 - 75
- **Default value = -5**

**NTRACS Page Number:** ntracs system

## Hospital DX – Manual/User AIS

**TNTR Element 87:** PROBOFSURV

**NTRACS Field Label:** Ps

**Location:** Hospital Diagnosis

**Type:** N  
**Length:** 7  
**Decimals:** 4

### Definition:

- Probability of survival (Ps) is a calculated field derived from ISS and Revised Trauma Score.

### Notes:

- Probability of Survival (Ps) is derived using a TRISS Trauma Score. TRISS determines the probability of survival (Ps) per the ISS and RTS of the patient using the following formulae:  $Ps = 1 / (1 + e^{-b})$
- Where 'b' is calculated from :  $b = b0 + b1(RTS) + b2(RTS) + b3(AgeIndex)$
- The coefficients 'b0' and 'b3' are derived from multiple regression analysis of the Main Trauma Outcome Study (MTOS) database. Age Index is 0 if the patient is below 54 years of age or 1 if 55 years and over. 'b0' and 'b3' are coefficients which are different for blunt and penetrating trauma. If the patient is less than 15, the blunt coefficients are used regardless of mechanism.

	<b>Blunt</b>	<b>Penetrating</b>
b0	-0.4499	-2.5355
b1	0.8085	0.9934
b2	-0.0835	-0.0651
b3	-1.7430	-1.1360

Source: [NTRACS](#) 34 Data Dictionary, page 14

## Hospital DX – Manual/User AIS

**TNTR Element 88:** NISS

**NTRACS Field Name:** New Injury Severity Score

**Location:** Hospital Diagnoses/Diagnosis Detail Form

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- The New Injury Severity Score (NISS) was proposed in 1997 to replace the Injury Severity Score (ISS) because it is more sensitive for mortality. The Injury Severity Score (ISS) is an anatomical scoring system that provides an overall score for patients with multiple injuries.
- Each injury is assigned an Abbreviated Injury Scale (AIS) score and is allocated to one of six body regions (Head, Face, Chest, Abdomen, Extremities (including Pelvis), External). Only the highest AIS score in each body region is used. The 3 most severely injured body regions have their score squared and added together to produce the ISS score.

### Accepted Entries:

- 1 – 75
- Default value = -5

**NTRACS Page Number:** ntracs system

## Hospital DX – Manual/User AIS

**TNTR Element 89:** USRAIS\_ABD

**NTRACS Field Name:** User AIS abdomen

**Location:** Hospital Diagnoses

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Abbreviated Injury Score for the abdomen

### Accepted Entries:

- Format: ##### selected using DI Coder
- 3 – 15
- ? = Not Recorded
- / = Not Applicable, Inappropriate

### Other Codes:

- Default value = -5

**NTRACS Page Number:** ntracs system

## Hospital DX – Manual/User AIS

**TNTR Element 90:** USRAIS\_CHS

**NTRACS Field Name:** User AIS Chest

**Location:** Hospital Diagnoses

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Abbreviated injury score for the chest

### Accepted Entries:

- Format: ##### selected using DI Coder
- 3 – 15
- ? = Not Recorded
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = -5**

**NTRACS Page Number:** ntracs system

## Hospital DX – Manual/User AIS

**TNTR Element 91:** USRAIS\_EXT

**NTRACS Field Name:** User AIS Extremities

**Location:** Hospital Diagnoses

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Abbreviated injury score for the extremities

### Accepted Entries:

- Format: ##### selected using DI Coder
- 3 – 15
- ? = Not Recorded
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = -5**

**NTRACS Page Number:** ntracs system

## Hospital DX – Manual/User AIS

**TNTR Element 92:** USRAIS\_FAC

**NTRACS Field Name:** User AIS Face

**Location:** Hospital Diagnoses

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Abbreviated injury score for the face

### Accepted Entries:

- Format: ##### selected using DI Coder
- 3 – 15
- ? = Not Recorded
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = -5**

**NTRACS Page Number:** ntracs system

## Hospital DX – Manual/User AIS

**TNTR Element 93:** USRAIS\_HN

**NTRACS Field Name:** User AIS Head/Neck

**Location:** Hospital Diagnoses

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Abbreviated injury score for the head/neck region

### Accepted Entries:

- Format: ##### selected using DI Coder
- 3 – 15
- ? = Not Recorded
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = -5**

**NTRACS Page Number:** ntracs system

## Hospital DX – Manual/User AIS

**TNTR Element 94:** USRAIS\_ST

**NTRACS Field Name:** User AIS External (Skin and Soft Tissue)

**Location:** Hospital Diagnoses/Diagnosis Detail Form

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Abbreviated injury score for the skin and soft tissue (manual)

### Accepted Entries:

- Format: ##### selected using DI Coder
- 3 – 15
- ? = Not Recorded
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = -5**

**NTRACS Page Number:** ntracs system

## Hospital DX – Manual/User AIS

**TNTR Element 95:** USRAIS\_ISS

**NTRACS Field Name:** User ISS

**Location:** Hospital Diagnoses/Diagnosis Detail Form

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Injury Severity Score

### Accepted Entries:

- Format: ##### selected using DI Coder
- 3 – 15
- ? = Not Recorded
- / = Not Applicable, Inappropriate

### Other Codes:

- Default value = -5

**NTRACS Page Number:** ntracs system

## Procedures – OR Book Time

**TNTR Element 96:** OPTIMEPSTD

**NTRACS Field Name:** OR Book Time

**Location:** Procedures

**Type:** C  
**Length:** 5  
**Decimals:** 0

**Definitions:**

- The first OR book time for the patient from ED.

**Accepted Entries:**

- Valid Time

**Other Codes:**

- **Default value = :-5**

**Notes:**

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00. If you do not know the time, use the ? to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown time as this is interpreted as midnight.

**NTRACS Page Number:** 225

## Outcome – Outcome Independence

**TNTR Element 97:** FIM\_FEED

**NTRACS Field Name:** Self-Feeding Score

**Location:** Outcome

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Measurement of independence with respect to self-feeding.
- Scale for self-feeding is defined as follows:
  - Independent: Eats from a dish and drinks from a cup or glass presented in the customary manner on table or tray. Uses ordinary knife, fork, and spoon.
  - Independent with Device: Uses an adaptive or assisting device such as a straw, spork, or rocking knives, or requires more than a reasonable time to eat.
  - Dependent – partial help required: Performs half or more of feeding tasks but requires supervision (e.g., standby, cueing, or coaxing) setup (application of Orthopedics), or other help.
  - Dependent – total help required: Either performs less than half of feeding tasks, or does not eat or drink full meals by mouth and relies at least in part on other means of alimentation, such as parenteral or gastrostomy feedings.

### Accepted Entries:

- Scale:
  - 4 – Independent
  - 3 – Independent with Device
  - 2 – Dependent – partial help required
  - 1 – Dependent – total help required

### Other Codes:

- **Default value = 9**

### Notes:

- The score should not be evaluated or recorded for any patient less than 7 years of age. Use the / key to enter Not Applicable for these cases.

**NTRACS Page Number:** 248

## Outcome – Outcome Independence

**TNTR Element 98:** FEED\_STAT

**NTRACS Field Name:** Self-Feeding Status

**Location:** Outcome

**Type:** C  
**Length:** 1  
**Decimals:** 0

### Definitions:

- Status of permanency i.e. is the condition temporary or permanent.
  - A temporary status indicates that the patient is likely to improve.
  - A permanent status indicates that the patient is unlikely to improve

### Accepted Entries:

- T – Temporary
- P – Permanent
- X – Not Available
- Z – Not Applicable, Inappropriate
- **Default value = X**

### Notes:

- This should not be evaluated or recorded if the corresponding score was not determined.

**NTRACS Page Number:** 249

## Outcome – Outcome Independence

**TNTR Element 99:** FIM\_INDPN

**NTRACS Field Name:** Locomotion Score

**Location:** Outcome

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Measurement of independence with respect to locomotion.
- Scale for locomotion is defined as follows:
  - Independent:
    - Walks a minimum of 150 feet without assisting devices. Does not use a wheelchair. Performs safely.
  - Independent with Device:
    - Walks a minimum of 150 feet but uses a brace or prosthesis on leg, special adaptive shoes, cane, crutches, or walker; takes more than a reasonable time; or there are safety considerations. If not walking, operates manual or electric wheelchair independently for a minimum of 150 feet; turns around; maneuvers the chair to a table, bed, toilet; negotiates at least a 3% grade; maneuvers on rugs and over doorills.
  - Dependent – partial help required:
    - If walking, requires standby supervision, cueing, or coaxing to go a minimum of 150 feet, or walks independently only short distances (a minimum of 50 feet). If not walking, requires standby supervision, cueing, or coaxing to go a minimum of 150 feet in wheelchair, or operates manual or electric wheelchair independently only short distances (a minimum of 50 feet).
  - Dependent – total help required:
    - Performs less than half of locomotion effort to go a minimum of 50 feet, or does not walk or wheel a minimum of 50 feet. Requires assistance of one or more persons.

### Accepted Entries:

- Scale:
  - 4 – Independent
  - 3 – Independent with Device
  - 2 – Dependent – partial help required
  - 1 – Dependent – total help required

### Other Codes:

- **Default value = 9**

## Outcome – Outcome Independence

(FIM\_INDPN cont.)

### Notes:

- The score should not be evaluated or recorded for any patient less than 7 years of age. Use the / key to enter Not Applicable for these cases.

**NTRACS Page Number:** 250

**TNTR Element 100:** INDPN\_STAT

**NTRACS Field Name:** Locomotion Status

**Location:** Outcome

**Type:** C  
**Length:** 1  
**Decimals:** 0

### Definitions:

- Status of permanency, i.e. is the condition temporary or permanent.
  - A temporary status indicates that the patient is likely to improve.
  - A permanent status indicates that the patient is unlikely to improve

### Accepted Entries:

- T – Temporary
- P – Permanent
- X – Not Recorded
- Z – Not Applicable
- **Default value = X**

### Notes:

- This should not be evaluated or recorded if the corresponding score was not determined.

**NTRACS Page Number:** 251

## Outcome – Outcome Independence

**TNTR Element 101:** FIM\_MOTOR

**NTRACS Field Name:** Expression Score

**Location:** Outcome

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Measurement of independence with respect to expression.
- Scale for expression is defined as follows:
  - Independent:
    - Expresses complex or abstract ideas intelligibly and fluently, verbal or nonverbal, including signing or writing.
  - Independent with Device:
    - Expresses complex or abstract ideas with mild difficulty. May require an augmentative communication device or system.
  - Dependent – partial help required:
    - Expresses basic needs and ideas about everyday situations half (50%) or more than half of the time. Requires some prompting, but requires that prompting less than half (50%) of the time.
  - Dependent – total help required:
    - Expresses basic needs and ideas less than half of the time. Needs prompting more than half the time or does not express basic needs appropriately or consistently despite prompting.

### Accepted Entries:

- Scale:
  - 4, Independent
  - 3, Independent with Device
  - 2, Dependent – partial help required
  - 1, Dependent – total help required

### Other Codes:

- **Default value = 9**

### Notes:

- The score should not be evaluated or recorded for any patient less than 7 years of age. Use the / key to enter Not Applicable for these cases.

**NTRACS Page Number:** 252

## Outcome – Outcome Independence

**TNTR Element 102:** MOTOR\_STAT

**NTRACS Field Name:** Expression Status

**Location:** Outcome

**Type:** C  
**Length:** 1  
**Decimals:** 0

### Definitions:

- Status of permanency i.e. is the condition temporary or permanent.
  - A temporary status indicates that the patient is likely to improve.
  - A permanent status indicates that the patient is unlikely to improve

### Accepted Entries:

- T – Temporary
- P – Permanent
- X – Not Recorded
- Z – Not Applicable
- **Default value = X**

### Notes:

- This should not be evaluated or recorded if the corresponding score was not determined.

**NTRACS Page Number:** 253

## Outcome – FIM Score Total

**TNTR Element 103:** FIM\_SCORE

**NTRACS Field Name:** Total

**Location:** Outcome

**Type:** N  
**Length:** 2  
**Decimals:** 0

### Definitions:

- Calculated value which measure outcome independence using self-feeding, locomotion and expression entries

### Accepted Entries:

- Scale:
  - 4 – Independent
  - 3 – Independent with Device
  - 2 – Dependent – partial help required
  - 1 – Dependent – total help required

### Other Codes:

- Default value = -5

**NTRACS Page Number:** ntracs system

## Outcome – Discharge

**TNTR Element 104:** DCDATE

**NTRACS Field Name:** Discharge Date

**Location:** Outcome

**Type:** D  
**Length:** 10  
**Decimals:** 0

### Definitions:

- Discharge Date - The date of discharge from your hospital. For deaths, enter the date of death.

### Accepted Entries:

- Valid date (mm/dd/yyyy)
- ? = Not Recorded/Unknown – non-date entries are mapped to “NULL”
- **Default Value = //**

### Notes:

- If a valid NTRACS symbol (i.e., /, ?, etc.) was keyed into a date field, the stored “1899-12-30” dates are replaced with NULL entries.

**NTRACS Page Number:** 260

## Outcome – Discharge

**TNTR Element 105:** DCTIME

**NTRACS Field Name:** Discharge Time

**Location:** Outcome

**Type:** C  
**Length:** 5  
**Decimals:** 0

### Definitions:

- Discharge Time - The time the patient was discharged from your hospital. For deaths, enter the time of death

### Accepted Entries:

- Valid time
- ? = Not Recorded/Unknown
- **Default value = :-5**

### Notes:

- Use 24 hour clock time, e.g. 10:00 p.m. is entered as 22:00.
- If you do not know the time, use the “?” to enter Not Recorded/Unknown. Do not enter zeroes (00:00) to indicate an unknown time as this is interpreted as midnight.

**NTRACS Page Number:** 261

## Outcome – Discharge

**TNTR Element 106:** HOSPDISP

**NTRACS Field Name:** Disposition

**Location:** Outcome

**Type:** C  
**Length:** 40  
**Decimals:** 0

### Definitions:

- Hospital Disposition - The place to which the patient was released when discharged from your hospital.

### Accepted Entries:

- DCS/DHS (includes Child Protective Service)
- Dead on Arrival to ED
- Death in Hospital
- Died During Treatment
- Home
- Home Health
- Hospice
- Jail
- Nursing Home
- Psych
- Rehabilitation Center
- Supervised Living
- Transfer to Other Hospital
- Unable to Complete Treatment/AMA
- Not Recorded
- **Default value = Not Available**

**NTRACS Page Number:** 263

## Outcome – Resource Utilization

**TNTR Element 107:** ICUDAYS

**NTRACS Field Name:** Days in ICU

**Location:** Outcome

**Type:** N  
**Length:** 6  
**Decimals:** 1

### Definitions:

- ICU - Any unit or bed staffed with a nurse to patient ratio of 1:1 or 1:2, or a unit or bed designated as ICU level care in your hospital.
- Days in ICU – Total number of days spent in all ICU locations.

### Accepted Entries:

- Number of days in ICU
- ? = Not Recorded/Unknown
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = -5**

### Notes:

- Use the ? key to indicate that the patient did go to the ICU but the total number of days is not known.

**NTRACS Page Number:** 255

## Outcome – Resource Utilization

**TNTR Element 108:** DRG\_CODE

**NTRACS Field Name:** DRG Code

**Location:** Hospital – Outcome

**Type:** C  
**Length:** 3  
**Decimals:** 0

### Definitions:

- This field is used to indicate the diagnosis relate group into which the patient falls.
- It has significant impact on reimbursement for burn care, so coding of the correct DRG is important.

### Accepted Entries:

- DRG Code format ### - Three digit code

### Other Codes:

- -3 = Pending (These entries are mapped to “Not Available”)
- ? = Not Recorded (unk)
- / = Not Performed (n/a)
- 0 = No Code Available (These entries are mapped to “Not Available”)
- **Default value = -5**

**NTRACS Page Number:** 257

## Outcome – Resource Utilization

**TNTR Element 109:** DRG\_DESCR

**NTRACS Field Name:** DRG Description

**Location:** Outcome

**Type:** C  
**Length:** 72  
**Decimals:** 0

**Definitions:**

- Narrative associated with the Injury Diagnosis Code entered

**Accepted Entries:**

- Auto-populated when DRG selected
- If no DRG selected, DRG\_CODE is populated with -5 and DRG\_DESCR is left blank

**NTRACS Page Number:** ntracs system

## Outcome – Resource Utilization

**TNTR Element 110:** VSUP\_DAYS

**NTRACS Field Name:** Vent Support Days

**Location:** Outcome

**Type:** N  
**Length:** 3  
**Decimals:** 0

### Definitions:

- This field is used to indicate the number of days that the patient required ventilator support. This number is used as a rough approximation of the number of days of critical care.
- Ventilator Support - Ventilator assistance that involves maintenance of an airway with active mechanical ventilation. This includes:
  - Intubated patients on ventilators
  - Patients with tracheotomies while on mechanical ventilation
- The following do not count towards ventilator support:
  - Trachea patients breathing on flow-bys
  - Patients breathing mask oxygen
  - Patients intubated for only part of a day for a surgical procedure
- Enter the number of days during this admission that the patient required ventilator support.

### Accepted Entries:

- Range: 0 to 999
- ? = Not Available
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = -5**

### Notes:

- If it is documented that the patient was on mechanical ventilation but the number of days on ventilator cannot be determined or is not documented, use the “?” key to indicate unknown.

**NTRACS Page Number:** 254

## Outcome – Death Circumstances

**TNTR Element 111:** DTH\_CAUSE

**NTRACS Field Name:** Circumstance of Death

**Location:** Outcome

**Type:** C  
**Length:** 42  
**Decimals:** 0

### Definitions:

- This field can only be modified if the patient died. It is used to indicate the cause of death.

### Accepted Entries:

- Burn Shock
- Cardiovascular Failure
- Head Injury
- Multiple Organ Failure/Metabolic
- Not Available (includes Not Done/Doc, Not Recorded and Pending)
- Other
- Pre-Existing Illness
- Pulmonary Failure/Sepsis
- Sepsis
- Sepsis, Burn Wound
- Treatment Withheld
- / = Not Applicable, Inappropriate
- **Default value = Not Available**

### Notes:

- This field is not enabled unless it is indicated in the record that the patient has died.

**NTRACS Page Number:** 265

## Outcome – Days in Hospital

**TNTR Element 112:** HOSPDAYS

**NTRACS Field Name:** Days in Hospital

**Location:** Outcome

**Type:** N  
**Length:** 4  
**Decimals:** 0

**Definitions:**

- Total number of patient's days in hospital

**Accepted Entries:**

- Auto-generated number of days

**NTRACS Page Number:** ntracs system

## Financial

**TNTR Element 113: COMPLETE**

**NTRACS Field Name:** Is This Record Ready to Send

**Location:** Financial

**Type:** C  
**Length:** 1  
**Decimals:** 0

### Definitions:

- Data Entry Complete - To indicate to the program that you are finished with the data entry on this patient. (Is this record ready to send?)

### Accepted Entries:

- Y = Yes
- N = No
- ? = X = Not Recorded
- / = Z = Not Applicable, Inappropriate
- **Default value = N**

### NOTES:

- Yes denotes that the record is complete and ready to send to the ACS
- No denotes that the record is incomplete

**NTRACS Page Number:** 280

## Financial

**TNTR Element 114:** FINACCTNO

**NTRACS Field Name:** Finance Account number

**Location:** Financial

**Type:** C  
**Length:** 15  
**Decimals:** 0

### Definitions:

- Financial Account Number – Account number used to track billing records for trauma patients.

### Accepted Entries:

- Valid account number
- ? = Not Recorded
- / = Not Applicable, Inappropriate
- **Default value = ""**

**NTRACS Page Number:** 269

## Financial

**TNTR Element 115:** HOSPCHRG

**NTRACS Field Name:** Hospital Charges

**Location:** Financial

**Type:** Y  
**Length:** 15  
**Decimals:** 2 (max)

### Definitions:

- The total amount charged for this admission at the acute care facility.

### Accepted Entries:

- Enter the value using dollars and cents
- ? = Not Recorded
- / = Not Applicable, Inappropriate

### Other Codes:

- **Default value = -5.00**

**NTRACS Page Number:** 276

## Financial

**TNTR Element 116:** INSUR

**NTRACS Field Name:** Primary Payor Source

**Location:** Financial

**Type:** C  
**Length:** 25  
**Decimals:** 0

### Definitions:

- Primary Payor Source - The primary health and medical policy carried to assist in payment of medical bills.

### Accepted Entries:

- Auto
- Commercial (“Managed Care/HMO” mapped to commercial)
- Government
- Medicaid
- Medicare
- Not Recorded
- Other
- Private Charity
- Self Pay (“None” Mapped to Self Pay)
- Workers Compensation
- **Default value = Not Available**

**NTRACS Page Number:** 271

## Financial

**TNTR Element 117:** REIMBDCHRG

**NTRACS Field Name:** Reimbursed Charges

**Location:** Financial

**Type:** Y  
**Length:** 15  
**Decimals:** 2 (max)

### Definitions:

- The total amount reimbursed for this admission at the acute care facility.

### Accepted Entries:

- ? = Not Recorded
- / = Not Applicable

### Other Codes:

- **Default value = -5.00**

### Notes:

- Enter the value using dollars and cents

**NTRACS Page Number:** 277