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), meet institutional criteria for trauma team activation or consultation (specifically this means the trauma team is involved in the care, evaluation, and disposition of the patient), 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)
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.

<table>
<thead>
<tr>
<th>Accepted Entry</th>
<th>Mapping</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Recorded</td>
<td>Not Available</td>
</tr>
<tr>
<td>Unknown</td>
<td>Not Available</td>
</tr>
<tr>
<td>Not Done/Doc</td>
<td>Not Available</td>
</tr>
<tr>
<td>Inappropriate</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

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”).
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<td>HOSPNO</td>
<td>Hospital ID</td>
</tr>
<tr>
<td>MEDRECNO</td>
<td>Medical Record #</td>
</tr>
<tr>
<td>SOCSECNO</td>
<td>Social Security #</td>
</tr>
<tr>
<td>PFNAME</td>
<td>Name (First)</td>
</tr>
<tr>
<td>PMI</td>
<td>Name (Middle Initial)</td>
</tr>
<tr>
<td>PLNAME</td>
<td>Name (Last)</td>
</tr>
<tr>
<td>SEX</td>
<td>Gender</td>
</tr>
<tr>
<td>RACE</td>
<td>Race</td>
</tr>
<tr>
<td>DOB</td>
<td>Date of Birth</td>
</tr>
<tr>
<td>AGE</td>
<td>(Calculated) Age</td>
</tr>
<tr>
<td>MAN_AGE</td>
<td>(Manual) Age</td>
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<tr>
<td>PADDRESS</td>
<td>Address - Street</td>
</tr>
<tr>
<td>PCITY</td>
<td>Address - City</td>
</tr>
<tr>
<td>PSTATE</td>
<td>Address - State</td>
</tr>
<tr>
<td>PZIPCODE</td>
<td>Address - Zip</td>
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<tr>
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<td>Occupation</td>
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## INJURY

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<td>Injury Date</td>
</tr>
<tr>
<td>INJTIME</td>
<td>Injury Time</td>
</tr>
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<td>INJCITY</td>
<td>Injury Location - City</td>
</tr>
<tr>
<td>INJSTATE</td>
<td>Injury Location - State</td>
</tr>
<tr>
<td>INJZIP</td>
<td>Injury Location - Zip</td>
</tr>
<tr>
<td>BLUNT</td>
<td>Mechanism – Blunt/Penetrating (Primary Injury Type)</td>
</tr>
<tr>
<td>INJSITE</td>
<td>Site (E849 # code)</td>
</tr>
<tr>
<td>ECODE</td>
<td>E Code 1</td>
</tr>
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<td>ECODEDESCR</td>
<td>E Code 1</td>
</tr>
<tr>
<td>ECODE2</td>
<td>E Code 2</td>
</tr>
<tr>
<td>ECODEDESC2</td>
<td>E Code 2</td>
</tr>
<tr>
<td>POSITION</td>
<td>Position</td>
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<td>CRASHRPT</td>
<td>Police Report #</td>
</tr>
<tr>
<td>SAFETY</td>
<td>Safety Equipment</td>
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## PREHOSPITAL DETAIL FORM

<table>
<thead>
<tr>
<th>TNTR Element</th>
<th>NTRACS Label</th>
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<tbody>
<tr>
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## ED ADMISSION - ED STAY

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<td>Arrived From</td>
</tr>
<tr>
<td>ARRIVCOND</td>
<td>Arrival Condition</td>
</tr>
<tr>
<td>CHIEFCOMP</td>
<td>(Chief) Complaint</td>
</tr>
<tr>
<td>DIR_ADMIT</td>
<td>Direct Admit</td>
</tr>
<tr>
<td>ED_ARRDATE</td>
<td>ED Arrival/Admit Date</td>
</tr>
<tr>
<td>ED_ARRTIME</td>
<td>ED Arrival/Admit Time</td>
</tr>
<tr>
<td>ED_DCDATE</td>
<td>ED Discharge Date</td>
</tr>
<tr>
<td>ED_DCTIME</td>
<td>ED Discharge Time</td>
</tr>
<tr>
<td>ED_LOS</td>
<td>Length of Stay (hrs)</td>
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<tr>
<td>TRANSPORT</td>
<td>Transport</td>
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## ED ADMISSION - TRAUMA TEAM ACTIVATION

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<td>Level 1 Trauma Team Activation Y/N</td>
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<tr>
<td>ED_L1ATIME</td>
<td>Level 1 Trauma Team Activation Time</td>
</tr>
<tr>
<td>ED_L1ELAPT</td>
<td>Level 1 Activation Elapsed Time</td>
</tr>
<tr>
<td>ED_L2ACTIV</td>
<td>Level 2 Trauma Team Activation Y/N</td>
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<tr>
<td>ED_L2ATIME</td>
<td>Level 2 Trauma Team Activation Time</td>
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<tr>
<td>ED_L2ELAPT</td>
<td>Level 2 Activation Elapsed Time</td>
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## ED ADMISSION - PHYSICIAN TIMES

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<th>NTRACS Label</th>
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<tbody>
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<td>ED_NSCALL</td>
<td>Neurosurgical Trauma Called Time</td>
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<tr>
<td>ED_NSARRIV</td>
<td>Neurosurgical Trauma Arrival Time</td>
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<tr>
<td>NSRESPTIME</td>
<td>Neurosurgical Trauma Response Time (Min)</td>
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<td>NSPHCODE</td>
<td>Neurosurgical Trauma – Physician Code</td>
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<tr>
<td>ED_TSCALL</td>
<td>Surgery/Trauma Called Time</td>
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<tr>
<td>ED_TSARIVE</td>
<td>Surgery/Trauma Arrival Time</td>
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<tr>
<td>TSRESPTIME</td>
<td>Surgery/Trauma Response Time (Min)</td>
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<tr>
<td>TSPHCODE</td>
<td>Surgery/Trauma – Physician Code</td>
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<tr>
<td>OPED_CALL</td>
<td>Orthopedic Trauma Called Time</td>
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<td>OPED_ARRIV</td>
<td>Orthopedic Trauma Arrival Time</td>
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<tr>
<td>OSRESPTIME</td>
<td>Orthopedic Trauma Response Time (Min)</td>
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<td>ORPHCODE</td>
<td>Orthopedic Trauma – Physician Code</td>
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## ED ASSESSMENT I - Vital Signs

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<th>NTRACS Label</th>
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<tbody>
<tr>
<td>ED_BP</td>
<td>SBP</td>
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<td>ED_EYE</td>
<td>GCS - Eye</td>
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<th>TNTR Element:</th>
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<tr>
<td>AIRWAY</td>
<td>Airway Management</td>
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<td>BLOOD_NO</td>
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### ED ASSESSMENT I – Lab

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<td>Base Deficit</td>
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<td>HCT</td>
<td>Admission Hematocrit</td>
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<td>ETOH</td>
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### ED ASSESSMENT I - Toxicology/Drug Screen

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<th>TNTR Element:</th>
<th>NTRACS Label:</th>
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<tbody>
<tr>
<td>DRUG_SCRN</td>
<td>Drugs Found</td>
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### ED ASSESSMENT II - Initial Assessment

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<thead>
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<th>TNTR Element:</th>
<th>NTRACS Label:</th>
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</thead>
<tbody>
<tr>
<td>ABDCT</td>
<td>Abdominal CT Scan Results</td>
</tr>
<tr>
<td>AGRAM</td>
<td>Arteriogram/Angiogram</td>
</tr>
<tr>
<td>HEADCT</td>
<td>Head CT Results</td>
</tr>
<tr>
<td>PERLAV</td>
<td>Peritoneal Lavage</td>
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</tbody>
</table>

### ED ASSESSMENT II – Disposition

<table>
<thead>
<tr>
<th>TNTR Element:</th>
<th>NTRACS Label:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMSERVICE</td>
<td>Admitting Service</td>
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<td>ED_DISP</td>
<td>ED Disposition</td>
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### DIAGNOSIS DETAIL FORM

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<thead>
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<th>TNTR Element:</th>
<th>NTRACS Label:</th>
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<tr>
<td>ISS</td>
<td>Injury Severity Score</td>
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<th>NTRACS Label:</th>
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<tbody>
<tr>
<td>MANAIS_ISS</td>
<td>Manual ISS...</td>
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<tr>
<td>PROBOFSURV</td>
<td>Ps..................</td>
</tr>
<tr>
<td>NISS</td>
<td>New Injury Severity Score..................</td>
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<tr>
<td>USRAIS_ABD</td>
<td>User AIS Abdomen...</td>
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<tr>
<td>USRAIS_CHS</td>
<td>User AIS Chest......</td>
</tr>
<tr>
<td>USRAIS_EXT</td>
<td>User AIS Extremities...</td>
</tr>
<tr>
<td>USRAIS_FAC</td>
<td>User AIS Face......</td>
</tr>
<tr>
<td>USRAIS_HN</td>
<td>User AIS Head/Neck...</td>
</tr>
<tr>
<td>USRAIS_ST</td>
<td>User AIS External (Skin &amp; Soft Tissue)...</td>
</tr>
<tr>
<td>USRAIS_ISS</td>
<td>User ISS...........</td>
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### PROCEDURES

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<tr>
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<tr>
<td>OPTIMESTD</td>
<td>OR Book Time...</td>
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### OUTCOME - Outcome Independence

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<th>NTRACS Label:</th>
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<tbody>
<tr>
<td>FIM_FEED</td>
<td>Self-Feeding Score...</td>
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<tr>
<td>FEED_STAT</td>
<td>Self-Feeding Status...</td>
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<tr>
<td>FIM_INDPN</td>
<td>Locomotion Score...</td>
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<td>INDPN_STAT</td>
<td>Locomotion Status...</td>
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<tr>
<td>FIM_MOTOR</td>
<td>Expression Score...</td>
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<td>MOTOR_STAT</td>
<td>Expression Status...</td>
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### OUTCOME - FIM Score Total

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<tr>
<th>TNTR Element:</th>
<th>NTRACS Label:</th>
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<tbody>
<tr>
<td>FIM_SCORE</td>
<td>Total...............</td>
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### OUTCOME – Discharge

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<th>NTRACS Label:</th>
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<tr>
<td>DCDATE</td>
<td>Discharge Date...</td>
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<tr>
<td>DCTIME</td>
<td>Discharge Time...</td>
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<tr>
<td>HOSPDISP</td>
<td>Disposition...</td>
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### OUTCOME - Resource Utilization

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<th>NTRACS Label:</th>
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<tr>
<td>ICUDAYS</td>
<td>Days in ICU...</td>
</tr>
<tr>
<td>DRG_CODE</td>
<td>DRG Code...</td>
</tr>
<tr>
<td>DRG_DESCR</td>
<td>DRG Description...</td>
</tr>
<tr>
<td>VSUP_DAYS</td>
<td>Vent Support Day...</td>
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<th>NTRACS Label:</th>
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</thead>
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<tr>
<td>DTH_CAUSE</td>
<td>Circumstance of Death</td>
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## OUTCOME - Days in Hospital

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<thead>
<tr>
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<th>NTRACS Label:</th>
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<tbody>
<tr>
<td>HOSPDAYS</td>
<td>Days in Hospital</td>
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## FINANCIAL

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<td>COMPLETE</td>
<td>Is This Record Ready to Send</td>
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<tr>
<td>FINACCTNO</td>
<td>Finance Account Number</td>
</tr>
<tr>
<td>HOSPCHRG</td>
<td>Hospital Charges</td>
</tr>
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<td>INSUR</td>
<td>Primary Payor Source</td>
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<tr>
<td>REIMBDCHRG</td>
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<th>TNTR Element 1:</th>
<th>HOSPNO</th>
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<tr>
<td><strong>NTRACS Field Name:</strong></td>
<td>Hospital ID</td>
</tr>
<tr>
<td><strong>Location:</strong></td>
<td>Demographics</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>TNTR Element 4: PFNAME</th>
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<tr>
<td><strong>NTRACS Field Name:</strong> Name (First)</td>
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<tr>
<td><strong>Location:</strong> Demographic</td>
</tr>
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</table>

**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

- 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
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.
Demographics

**TNTR Element 9: DOB**

**NTRACS Field Name:** Date of Birth

**Location:** Demographic

<table>
<thead>
<tr>
<th>Type:</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>10</td>
</tr>
<tr>
<td>Decimals:</td>
<td>0</td>
</tr>
</tbody>
</table>

**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
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

<table>
<thead>
<tr>
<th>Type:</th>
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</thead>
<tbody>
<tr>
<td>Length:</td>
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</tr>
<tr>
<td>Decimals:</td>
<td>0</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Type</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>14</td>
</tr>
<tr>
<td>Decimals</td>
<td>0</td>
</tr>
</tbody>
</table>

Definitions:

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
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
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.
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
### TNTR Element 20: INJSTATE

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Length</th>
<th>Decimals</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

**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
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
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
TNTTR 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
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
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

<table>
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</thead>
<tbody>
<tr>
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</table>

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
- Pediatric
- Ride Animal
- Streetcar Occupant
- Unspecified - (These entries are mapped to “Not Available”)
- **Default value = Not Available**

NTRACS Page Number: 42
**TNTR Element 29: CRASHRPT**

**NTRACS Field Name:** Police Report number

**Location:** Injury

<table>
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<tbody>
<tr>
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<tr>
<td>Decimals</td>
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</table>

**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
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
### TNTR Element 31: CPR

**NTRACS Field Name:** CPR  
**Location:** Prehospital Detail Form

<table>
<thead>
<tr>
<th>Type:</th>
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<tbody>
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<tr>
<td>Decimals:</td>
<td>0</td>
</tr>
</tbody>
</table>

**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
**TNTR Element 33: ARRIVCOND**

**NTRACS Field Name:** Arrival Condition  
**Location:** ED – ED Admission

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<tbody>
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<tr>
<td>Decimals</td>
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</tbody>
</table>

**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
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.)
(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

**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
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

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
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
**TNTR Element 40: ED_LOS**

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

**Location:** ED – ED Admissions

**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
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.
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
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
### Definitions:
- Auto-calculated field
  - \( \text{ED}_1\text{ELAPT} = \text{ED Activation Time} - \text{ED Arrive Time} \)

### Accepted Entries:
- Auto-calculated expressed in minutes
- Default value = -5

### NTRACS Page Number:
- ntracs system

<table>
<thead>
<tr>
<th>Type</th>
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</tr>
<tr>
<td>Decimals</td>
<td>0</td>
</tr>
</tbody>
</table>
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
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
Definitions:
- Auto-calculated field
  - \( ED\_L2ELAPT = ED\_Activation\_Time - ED\_Arrive\_Time \)

Accepted Entries:
- Auto-calculated expressed in minutes
- Default value = -5

NTRACS Page Number: ntracs system
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
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
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
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
TNTR Element 52: ED_TSCALL

NTRACS Field Name: Surgery/Trauma Called Time
Location: ED – ED Admission

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
 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
<table>
<thead>
<tr>
<th>TNTR Element 54: TSRESPTIME</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NTRACS Field Name:</strong> Surgery/Trauma Response Time (Min)</td>
</tr>
<tr>
<td><strong>Location:</strong> ED – ED ADMISSION</td>
</tr>
</tbody>
</table>

| 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
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
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
TNTR Element 57: OPED_ARRIV

NTRACS Field Name: Orthopedic Trauma Arrival Time
Location: ED – ED Admission

<table>
<thead>
<tr>
<th>Type</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>5</td>
</tr>
<tr>
<td>Decimals</td>
<td>0</td>
</tr>
</tbody>
</table>

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
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
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
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

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
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
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
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).
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, intubat, 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
TNTR Element 70: ED_MANAQ

NTRACS Field Name: Assessment Qualifier – Manual

Location: ED – ED Assessment I

<table>
<thead>
<tr>
<th>Type</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>2</td>
</tr>
<tr>
<td>Decimals</td>
<td>0</td>
</tr>
</tbody>
</table>

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, intubat, 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

**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: $RTS = \text{GCS Rank} + \text{SBP Rank} + \text{RR Rank}$

**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
TNTR Element 73: AIRWAY

NTRACS Field Name: Airway Management

Location: ED – ED Assessment I

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
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
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
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.
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
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
  - Sympathamines
  - 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
TNTR Element 79: ABDCT

NTRACS Field Name: Initial Assessment - Abdominal CT Scan Results

Location: ED – ED Assessment II

<table>
<thead>
<tr>
<th>Type</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>15</td>
</tr>
<tr>
<td>Decimals</td>
<td>0</td>
</tr>
</tbody>
</table>

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
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

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
**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

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
**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
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
TNTR Element 86: MANAIS_ISS

NTRACS Field Name: Manual ISS

Location: Hospital Diagnoses/Diagnosis Detail Form

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: \( Ps = \frac{1}{1+e^{-b}} \)
- Where ‘b’ is calculated from: \( b = b_0 + b_1(RTS) + b_2(RTS^2) + b_3(AgeIndex) \)
- 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.

<table>
<thead>
<tr>
<th></th>
<th>Blunt</th>
<th>Penetrating</th>
</tr>
</thead>
<tbody>
<tr>
<td>b0</td>
<td>-0.4499</td>
<td>-2.5355</td>
</tr>
<tr>
<td>b1</td>
<td>0.8085</td>
<td>0.9934</td>
</tr>
<tr>
<td>b2</td>
<td>-0.0835</td>
<td>-0.0651</td>
</tr>
<tr>
<td>b3</td>
<td>-1.7430</td>
<td>-1.1360</td>
</tr>
</tbody>
</table>

Source: NTRACS 34 Data Dictionary, page 14
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
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
### TNTR Element 90: USRAIS_CHS

**NTRACS Field Name:** User AIS Chest  
**Location:** Hospital Diagnoses

<table>
<thead>
<tr>
<th>Type:</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>2</td>
</tr>
<tr>
<td>Decimals:</td>
<td>0</td>
</tr>
</tbody>
</table>

**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
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
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
**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
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
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
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

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 knifes, 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
Definitions:

- Measurement of independence with respect to locomotion.
- Scale for locomotion is defined as follows:
  - Independent:
    o Walks a minimum of 150 feet without assisting devices. Does not use a wheelchair. Performs safely.
  - Independent with Device:
    o 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:
    o 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:
    o 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:
  o 4 – Independent
  o 3 – Independent with Device
  o 2 – Dependent – partial help required
  o 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
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: DDATE

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
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

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
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

<table>
<thead>
<tr>
<th>TNTR Element 109: DRG_DESCR</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTRACS Field Name: DRG Description</td>
</tr>
<tr>
<td>Location: Outcome</td>
</tr>
</tbody>
</table>

| 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
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.
**Outcome – Death Circumstances**

TNTR Element 111: DTH_CAUSE

NTRACS Field Name: Circumstance of Death

Location: Outcome

<table>
<thead>
<tr>
<th>Type</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>42</td>
</tr>
<tr>
<td>Decimals</td>
<td>0</td>
</tr>
</tbody>
</table>

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: HOSP Days**

**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
TNTR Element 113: COMPLETE

NTRACS Field Name: Is This Record Ready to Send

Location: Financial

<table>
<thead>
<tr>
<th>Type:</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>1</td>
</tr>
<tr>
<td>Decimals:</td>
<td>0</td>
</tr>
</tbody>
</table>

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

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
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
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
**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