Data Item Name:	Hospital Created Date	**Item Number:** 3a
Alternate Names:	Created Date	
Description:	Date data entry for the trauma incident was initiated.	
Allowable Value Information:	Month – 2 digits. Valid values range from 01 to 12.	
	Day – 2 digits. Valid values range from 01 to 31.	
	Year – 4 digits. Valid values range from 2006 to 2030.	
Submitted By:	Hospitals	
Uses:	Determine the date that case data entry was initiated.	
ITR Requirement:	Assigned	
NTDB Requirement:	No	

XML Specifications:	Element Name(Tag): HospitalCreatedDate ID: H_1000
	Required: Yes Data Type: xs:date Multiple Entry: No
	Accepts Common Nulls: Yes Minimum: 1/1/1990 Maximum: 1/1/2030
	XML Qualifier: ITR Additional XML Element

Data Item Name:	Hospital Created Time	**Item Number:** 3b
Alternate Names:	Created Time	
Description:	Time data entry for the trauma incident was initiated.	
Additional Information:	Collected as military time	
Allowable Value Information:	Hour: Valid values are from 00 to 23.	
	Minute: Valid values are from 00 to 59.	
Submitted By:	Hospitals	
Uses:	Determine the time that case data entry was initiated	
ITR Requirement:	Assigned	
NTDB Requirement:	No	

XML Specifications:	Element Name(Tag): HospitalCreatedTime	ID: H_1001
	Required: Yes Data Type: xs:time Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Hospital Index Number	**Item Number:** 4
Alternate Names:	Trauma Number	
Description:	Number that identifies a patient admission.	
Allowable Value Information:	Appropriate value.	
Submitted By:	Hospitals	
Uses:	Combined with the facility identification number to provide a unique, permanent control number.	
ITR Requirement:	Assigned	
NTDB Requirement:	Yes Identifier: XSD	

XML Specifications:	Element Name(Tag): PatientId	ID: H_1009
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: No	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Medical Record Number	**Item Number:** 5
Description:	Number that identifies a patient's records across multiple admissions to a given hospital.	
Additional Information:	Assigned by the hospital.	
Allowable Value Information:	Appropriate Value	
Submitted By:	Hospitals	
Uses:	Provides a mechanism for identifying a case, if needed, for collecting missing data, cleaning data, or updating case information.	
ITR Requirement:	Required	
NTDB Requirement:	No	

XML Specifications:	Element Name(Tag): MedicalRecordNumber	ID: H_1003
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Patient Last Name	**Item Number:** 6
Description:	Patient's last name.	
Allowable Value Information:	Appropriate Value	
Allowable Null Values:	2 Not Known	
Submitted By:	Office of Highway Safety	
	Hospitals	
	Idaho Bureau of Health Policy and Vital Statistics	
Uses:	Linking element.	
ITR Requirement:	Required	
NTDB Requirement:	No	
References:	NEMSIS V 2.2.1 E06_01	
	Idaho VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)	
	State of Idaho Death Certificate	

XML Specifications:	Element Name(Tag): PatientLastName	ID: D_1001
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Patient First Name	**Item Number:** 7
Description:	Patient's first name.	
Allowable Value Information:	Appropriate Value	
Allowable Null Values:	2 Not Known	
Submitted By:	Office of Highway Safety	
	Hospitals	
	Idaho Bureau of Health Policy and Vital Statistics	
Uses:	Linking element.	
ITR Requirement:	Required	
NTDB Requirement:	No	
References:	NEMSIS V 2.2.1 E06_02	
	Idaho VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)	
	State of Idaho Death Certificate	

XML Specifications:	Element Name(Tag): PatientFirstName	ID: D_1002
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Patient Middle Initial	**Item Number:**	8

Description: Patient's middle initial.

Allowable Value Information: Appropriate Value

Allowable Null Values: 2   Not Known

Submitted By: Office of Highway Safety

Hospitals

Idaho Bureau of Health Policy and Vital Statistics

Uses: Linking element.

ITR Requirement: Optional

NTDB Requirement: No

References: NEMSIS V 2.2.1 E06_03

Idaho VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)

State of Idaho Death Certificate

XML Specifications: Element Name(Tag): PatientMiddleName   ID: D_1003

Required: No   Data Type: xs:string   Multiple Entry: No

Accepts Common Nulls: Yes

XML Qualifier: ITR Additional XML Element

Data Item Name:	Social Security Number	**Item Number:** 9
Description:	Patient's Social Security Number	
Additional Information:	If the patient does not have a social security number (e.g. foreign visitor), enter Not Applicable.	
	If the patient's Social Security Number is not known, enter 'Not Known'.	
Allowable Value Information:	Nine (9) digit numerical value representing the patient's social security number.	
Allowable Null Values:	1 Not Applicable	
	2 Not Known	
Submitted By:	Hospitals	
	Idaho Bureau of Health Policy and Vital Statistics	
Uses:	Linking element.	
ITR Requirement:	Required	
NTDB Requirement:	No	
References:	NEMSIS V 2.2.1 E06_10	
	State of Idaho Death Certificate	

XML Specifications:	Element Name(Tag): SocialSecurityNumber	ID: D_1004
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Incident Revision Date	**Item Number:** 10
Description:	Date the information for the trauma incident was last modified.	

Allowable Value Information:	Month – 2 digits. Valid values range from 01 to 12.
	Day – 2 digits. Valid values range from 01 to 31.
	Year – 4 digits. Valid values range from 2006 to 9999.
Submitted By:	Hospitals
Uses:	Track case updates
ITR Requirement:	Assigned
NTDB Requirement:	Yes Identifier: XSD

XML Specifications:	Element Name(Tag): LastModifiedDateTime	ID: H_1008
	Required: Yes Data Type: xs:datetime Multiple Entry: No	
	Accepts Common Nulls: No	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Zip Code of Residence	**Item Number:** 11
Alternate Names:	Patient's Home Zip Code	
Description:	Zip code of the patient's primary residence.	
Additional Information:	If the patient's zip code is not known, enter Not Known.	
	If the patient does not have a zip code (e.g. foreign visitor, homeless) enter Not Applicable.	
	If zip code is "Not Applicable," complete variable: Alternate Home Residence.	
Allowable Value Information:	Five (5) to nine (9) digit code (XXXXX-XXXX) for the locale of the patient's primary residence.	
Allowable Null Values:	1　　　Not Applicable	
	2　　　Not Known	
Submitted By:	Hospitals	
	Idaho Bureau of Health Policy and Vital Statistics	
Uses:	Linking element.	
	Allows data to be sorted based on the geographic location of the patient's home.	
	Auto-generates a FIPS code.	
ITR Requirement:	Required	
NTDB Requirement:	Yes　　　Identifier: D_01	
References:	NEMSIS V 2.2.1 E06_08	
	Idaho VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)	
	State of Idaho Death Certificate	
	NTDS 2017 D_01	

XML Specifications:	Element Name(Tag): HomeZip	ID: D_01
	Required: Yes　　　Data Type: xs:zip　　　Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Alternate Home Residence	**Item Number:** 138
Description:	Documentation of the type of patient without a home zip code.	
Additional Information:	Only completed when ZIP code is 'Not Applicable.'	

Homeless is defined as a person who lacks housing. The definition also includes a person living in transitional housing or a supervised public or private facility providing temporary living quarters.

Undocumented Citizen is defined as a national of another country who has entered or stayed in another country without permission.

Migrant Worker is defined as a person who temporarily leaves his/her principal place of residence within a country in order to accept seasonal employment in the same or different country.

Allowable Values:	1	Homeless
	2	Undocumented Citizen
	3	Migrant Worker
Allowable Null Values:	1	Not Applicable
	2	Not Known
Submitted By:	Hospitals	
Uses:	Allows data to be sorted based upon type of residence.	
ITR Requirement:	XML Only	
NTDB Requirement:	Yes	Identifier: D_06
References:	NTDS 2017 D_06	

XML Specifications:	Element Name(Tag): HomeResidence	ID: D_06
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 3	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Direct Admission	**Item Number:** 12a
Description:	Indicates whether the patient was directly admitted to the hospital rather than being admitted through the emergency department.	

Allowable Values:	1	Yes
	2	No
Allowable Null Values:	2	Not Known
Submitted By:	Hospitals	
Uses:	To capture the information that a patient entered the hospital other than through the emergency department.	
ITR Requirement:	Required	
NTDB Requirement:	No	

XML Specifications:

Element Name(Tag): DirectAdmission   ID: ED_1000

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1 Maximum: 2

XML Qualifier: ITR Additional XML Element

Data Item Name:	Readmission	**Item Number:** 12b
Description:	Indicates whether the patient was readmitted to the hospital within 30 days of initial discharge for any reason related to the trauma incident	

Allowable Values:	1	Yes
	2	No
Allowable Null Values:	2	Not Known
Submitted By:	Hospitals	
Uses:	Linking element	
	Capture billing information across an injury.	
ITR Requirement:	Required	
NTDB Requirement:	No	

XML Specifications:

Element Name(Tag): Readmission

ID: F_1000

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1 Maximum: 2

XML Qualifier: ITR Additional XML Element

Data Item Name:	Date of Birth	**Item Number:** 13

Description: The month, day, and year of the patient's birth.

Additional Information: If Date of Birth is "Not Known/Not Recorded", complete variables: Age and Age Units.

If Date of Birth equals Injury Date, then the Age Units variables must be completed.

Allowable Value Information: Month – 2 digits. Valid values range from 01 to 12.

Day – 2 digits. Valid values range from 01 to 31.

Year – 4 digits. Valid values range from 1880 to 9999.

Allowable Null Values: 2   Not Known

Submitted By: Office of Highway Safety

Hospitals

Idaho Bureau of Health Policy and Vital Statistics

Uses: Used to calculate patient age in days, months, or years.

Linking element.

Sort injuries by patient demographics.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: D_07

References: NEMSIS V 2.2.1 E06_16

Idaho VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)

State of Idaho Death Certificate

Idaho PERCS V.2.2.1

NTDS 2017 D_07

XML Specifications: Element Name(Tag): DateOfBirth   ID: D_07

Required: Yes   Data Type: xs:date   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1/1/1890 Maximum: 1/1/2030

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Age	**Item Number:** 14a
Description:	Indicates patient's age at the time of injury (best approximation).	

Additional Information:	Auto-calculates if DOB entered.
	If Date of Birth is "Not Known/Not Recorded", complete variables: Age and Age Units.
	If Date of Birth equals ED/Hospital Arrival Date, then the Age and Age Units variables must be completed.
	Must also complete variable: Age Units.
Allowable Value Information:	Number between 0 and 120, based on Age Units.
Allowable Null Values:	2 Not Known
Submitted By:	Office of Highway Safety
	Hospitals
	Idaho Emergency Medical Services Bureau
Uses:	Allows data to be sorted based on age.
	Used to calculate patient age in hours, days, months, or years.
ITR Requirement:	Required
NTDB Requirement:	Yes Identifier: D_08
References:	NEMSIS V 2.2.1 E06_14
	NTDS 2017 D_08

XML Specifications:	Element Name(Tag): Age	ID: D_08
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 120	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Age Units	**Item Number:** 14b

Description: Units used to document the patient's age at the time of injury.

Additional Information: If Date of Birth is "Not Known/Not Recorded", complete variables: Age and Age Units.

If 'Age' is less than 24 hours, 'Age Unit' must be collected.

Must also complete variable: Age

If Date of Birth equals ED/Hospital Arrival Date, then the Age and Ague Units variables must be completed.

Allowable Values:

1	Hours
2	Days
3	Months
4	Years
5	Minutes

Allowable Null Values:

2	Not Known

Submitted By: Office of Highway Safety

Hospitals

Idaho Emergency Medical Services Bureau

Uses: Allows data to be sorted based on age.

Used to calculate patient age in hours, days, months, or years.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: D_09

References: NEMSIS V 2.2.1 E06_15

NTDS 2017 D_09

XML Specifications:	Element Name(Tag): AgeUnits ID: D_09
	Required: Yes Data Type: xs:integer Multiple Entry: No
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 5
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Gender	**Item Number:** 15

Alternate Names: Sex

Description: Patient's gender.

Additional Information: Patients who have undergone a surgical and/or hormonal sex reassignment should be coded using the current assignment.

Allowable Values:

1   Male

2   Female

Allowable Null Values: 2   Not Known

Submitted By: Office of Highway Safety

Hospitals

Idaho Emergency Medical Services Bureau

Idaho Bureau of Health Policy and Vital Statistics

Uses: Linking Element.

Allows data to be sorted based on gender.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: D_12

References: NEMSIS V 2.2.1 E06_11

Idaho VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)

Idaho EMS PCR (EM-161350-4:654321 GS03)

Idaho PERCS V.2.2.1

State of Idaho Death Certificate

NTDS 2017 D_12

XML Specifications: Element Name(Tag): Sex   ID: D_12

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1   Maximum: 2

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Ethnicity	**Item Number:**	16

Description: The patient's ethnicity.

Additional Information: Patient's ethnicity should be based upon self-report or identified by a family member.

Default is 'Not Known'.

The maximum number of ethnicities that may be reported for an individual patient is 1.

Allowable Values:
    1   Hispanic or Latino

    2   Not Hispanic or Latino

Allowable Null Values:
    2   Not Known

Submitted By: Hospitals

Idaho Bureau of Health Policy and Vital Statistics

Uses: Allows data to be sorted based on ethnicity.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: D_11

References: NEMSIS V 2.2.1 E06_13

NTDS 2017 D_11

XML Specifications:

Element Name(Tag): Ethnicity   ID: D_11

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1 Maximum: 2

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Race	**Item Number:** 17
Description:	The patient's race.	
Additional Information:	Patient's race should be based upon self-report or identified by a family member.	
	Note: Hispanic is considered a national origin, not a race.	
	Default is 'Not Known'	
	Select all that apply.	

Allowable Values:	1	Asian
	2	Native Hawaiian or Other Pacific Islander
	3	Other Race
	4	American Indian
	5	Black or African American
	6	White
Allowable Null Values:	2	Not Known
Submitted By:	Hospitals	
	Idaho Bureau of Health Policy and Vital Statistics	
Uses:	Allows data to be sorted based on race.	
ITR Requirement:	Required	
NTDB Requirement:	Yes	Identifier: D_10
References:	NEMSIS V 2.2.1 E06_12	
	NTDS 2017 D_10	

XML Specifications:	Element Name(Tag): Race ID: D_10
	Required: Yes Data Type: xs:integer Multiple Entry: Yes Max: 2
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 6
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Work-Related

Item Number: 18

Description: Indication of whether the injury occurred during paid employment.

Additional Information: If work related, two additional data fields must be completed: Patient's Occupational Industry and Patient's Occupation.

Allowable Values:
1 Yes
2 No

Allowable Null Values: 2 Not Known

Submitted By: Hospitals

Uses: Allows the characterization of injuries associated with work environments.

ITR Requirement: Required

NTDB Requirement: Yes Identifier: I_03

References: NEMSIS V 2.2.1 E07_15

NTDS 2017 I_03

XML Specifications: Element Name(Tag): WorkRelated ID: I_03

Required: Yes Data Type: xs:integer Multiple Entry: No

Accepts Common Nulls: Yes Minimum: 1 Maximum: 2

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Patient Occupational Industry	**Item Number:** 19a
Description:	The industry associated with the patient's work environment.	

Additional Information: If the injury is not work-related, code as Not Applicable.

Only completed if injury is work-related.

Based upon US Bureau of Labor Statistics Industry Classification.

Allowable Values:

1	Finance, Insurance, and Real Estate
2	Manufacturing
3	Retail Trade
4	Transportation and Public Utilities
5	Agriculture, Forestry, Fishing
6	Professional and Business Services
7	Education and Health Services
8	Construction
9	Government
10	Natural Resources and Mining
11	Information Services
12	Wholesale Trade
13	Leisure and Hospitality
14	Other Services

Allowable Null Values:

1	Not Applicable
2	Not Known

Submitted By: Hospitals

Uses: Can be used to better describe injuries associated with work environments.

ITR Requirement: Supplemental

NTDB Requirement: Yes   Identifier: I_04

References: NEMSIS V 2.2.1 E07_16 (not as comprehensive a list as the NTDS)

NTDS 2017 I_04

XML Specifications:	Element Name(Tag): PatientsOccupationalIndustry ID: I_04
	Required: Yes Data Type: xs:integer Multiple Entry: No
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 14
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Patient Occupational Industry - Other	**Item Number:** 19b
Description:	Patient's industry if other than one found listed in data element 19 or NTDS I_04.	

Additional Information:	Used only if 'Other' is selected as the patient's occupational industry.
	Allows collection of patient occupations beyond those included in NTDS.
Allowable Value Information:	Appropriate value.
Allowable Null Values:	2 Not Known
Submitted By:	Hospitals
Uses:	Can be used to better describe injuries associated with work environments.
ITR Requirement:	Supplemental
NTDB Requirement:	No
References:	NTDS 2017 I_04

XML Specifications:

Element Name(Tag): PatientOccupationalIndustryOther   ID: I_1000

Required: Yes   Data Type: xs:string   Multiple Entry: No

Accepts Common Nulls: Yes

XML Qualifier: ITR Additional XML Element

Data Item Name:	Patient Occupation	**Item Number:** 129a

Description:	The occupation of the patient (within a given occupational industry).

Additional Information: Only completed if injury is work-related.

If work related, also complete Patient's Occupational Industry.

Based upon 1999 US Bureau of Labor Statistics Standard Occupational Classification (SOC).

The null value is "Not Applicable" if used if Work Related is 2. No.

Allowable Values:

1	Business and Financial Operations Occupations
2	Architecture and Engineering Occupations
3	Community and Social Services Occupations
4	Education, Training, and Library Occupations
5	Healthcare Practitioners and Technical Occupations
6	Protective Services Occupations
7	Building and Grounds Cleaning and Maintenance Occupations
8	Sales and Related Occupations
9	Farming, Fishing, and Forestry Occupations
10	Installation, Maintenance, and Repair Occupations
11	Transportation and Material Moving Occupations
12	Management Occupations
13	Computer and Mathematical Occupations
14	Life, Physical, and Social Science Occupations
15	Legal Occupations
16	Arts, Design, Entertainment, Sports, and Media Occupations
17	Healthcare Support Occupations
18	Food Preparation and Serving Related Occupations
19	Personal Care and Service Occupations
20	Office and Administrative Support Occupations
21	Construction and Extraction Occupations
22	Production Occupations
23	Military-Specific Occupations

Allowable Null Values:

1	Not Applicable
2	Not Known

Submitted By:	Hospitals
Uses:	Better describe work-related injuries.
ITR Requirement:	Supplemental
NTDB Requirement:	Yes Identifier: I_05

References: NEMSIS V 2.2.1 E07_17

                                      NTDS 2017 I_05

XML Specifications:	Element Name(Tag): PatientsOccupation	ID: I_05
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 23	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Patient Occupation - Other	**Item Number:** 129b
Description:	Patient's occupation if other than one found listed in Data Item 129 or NTDS 2017 I_05.	
Additional Information:	Used only if 'Other' is selected as the patient's occupation.	
Allowable Value Information:	Appropriate value.	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	Can be used to better describe injuries associated with work environments.	
	Used to collect information on patient occupations if they are not listed in the National Trauma Data Standard Data Dictionary.	
ITR Requirement:	Supplemental	
NTDB Requirement:	No	
References:	NTDS 2017 I_05	

XML Specifications:

Element Name(Tag): PatientOccupationOther   ID: I_1001

Required: Yes   Data Type: xs:string   Multiple Entry: No

Accepts Common Nulls: Yes

XML Qualifier: ITR Additional XML Element

Data Item Name:	Primary Payer Source	**Item Number:** 21
Alternate Names:	Primary Method of Payment	
Description:	The primary payment source billed for hospital charges.	

Allowable Values:	1	Medicaid
	2	Not Billed (for any reason)
	3	Self Pay
	4	Private / Commercial Insurance
	6	Medicare
	7	Other Government
	10	Other
Allowable Null Values:	2	Not Known
Submitted By:	Hospitals	
Uses:	Allows data to be sorted based on payer mix.	
	Provides information on the financial impact of injury in Idaho.	
ITR Requirement:	Required	
NTDB Requirement:	Yes	Identifier: F_01
References:	NEMSIS V 2.2.1 E07_01	
	NTDS 2017 F_01	

XML Specifications:

Element Name(Tag): PrimaryMethodPayment   ID: F_01

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1 Maximum: 10

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Incident County	**Item Number:** 27
Description:	Name of the county in which injury occurred.	

Additional Information:	3 digit FIPS code.
	For the Idaho counties listed below the 3 digit FIPS code is the last three digits of the value listed.
	If Incident Country is not US, report the null value "Not Applicable"
	The null value "Not Applicable" is used if Incident Location ZIP/Postal Code is reported.

Allowable Values:	16001	Ada
	16003	Adams
	16005	Bannock
	16007	Bear Lake
	16009	Benewah
	16011	Bingham
	16013	Blaine
	16015	Boise
	16017	Bonner
	16019	Bonneville
	16021	Boundary
	16023	Butte
	16025	Camas
	16027	Canyon
	16029	Caribou
	16031	Cassia
	16033	Clark
	16035	Clearwater
	16037	Custer
	16039	Elmore
	16041	Franklin
	16043	Fremont
	16045	Gem
	16047	Gooding
	16049	Idaho
	16051	Jefferson
	16053	Jerome

16055	Kootenai
16057	Latah
16059	Lemhi
16061	Lewis
16063	Lincoln
16065	Madison
16067	Minidoka
16069	Nez Perce
16071	Oneida
16073	Owyhee
16075	Payette
16077	Power
16079	Shoshone
16081	Teton
16083	Twin Falls
16085	Valley
16087	Washington
16098	Out of State

Allowable Null Values: 2   Not Known

Submitted By: Office of Highway Safety

Hospitals

Idaho Emergency Medical Services Bureau

Uses: Linking element.

Sort injuries by geographic location of occurrence.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: I_12

References: NEMSIS V 2.2.1 E08_13

Idaho VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)

Idaho EMS PCR (EM-161350-4:654321 GS03)

Idaho PERCS V.2.2.1

NTDS 2017 I_12

XML Specifications: Element Name(Tag): IncidentCounty   ID: I_12

Required: Yes   Data Type: xs:string   Multiple Entry: No

Accepts Common Nulls: Yes

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	ICD-10 Place of Occurrence External Cause Code	**Item Number:** 28a
Alternate Names:	ICD-10 Location Code	
	Place of Injury Code - ICD-10	
Description:	ICD-10 code used to describe the place/site/location of the injury event (Y92.x).	
Additional Information:	Only ICD-10-CM codes will be accepted for Place of Occurrence External Cause.	
	Multiple Cause Coding Hierarchy: If two or more events cause separate injuries, an external cause code should be assigned for each cause.	
	External cause codes for child and adult abuse take priority over all other external cause codes.	
	External cause codes for terrorism events take priority over all other external cause codes except child and adult abuse.	
	External cause codes for cataclysmic events take priority over all other external cause codes except child and adult abuse, and terrorism.	
	External cause codes for transport accidents take priority over all other external cause codes except cataclysmic events, and child and adult abuse, and terrorism.	
	The first listed external cause code should correspond to the cause of the most serious diagnosis due to an assault, accident or self-harm, following the order of hierarchy listed above.	
Allowable Value Information:	Relevant ICD-10-CM code value for place of occurrence.	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	Allows injuries to be characterized by place/site/location of the injury	
	Injury prevention programming	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: I_07	
References:	NEMSIS v 2.2.1 E08_07	
	NTDS 2017 I_07	

XML Specifications:	Element Name(Tag): PlaceOfInjuryCode	ID: I_07
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Date of Injury	**Item Number:** 29
Alternate Names:	Injury Incident Date	
Description:	Date that the injury occurred.	
Additional Information:	Date of injury should be based upon report by patient, witness, family, or health care provider.	
	If date of injury is not recorded, use EMS dispatch date (date dispatch notified EMS).	
	Other proxy measures (e.g.911 call times) should not be used.	
Allowable Value Information:	Month – 2 digits. Valid values range from 01 to 12.	
	Day – 2 digits. Valid values range from 01 to 31.	
	Year – 4 digits. Valid values range from 2006 to 9999.	
Allowable Null Values:	2 Not Known	
Submitted By:	Office of Highway Safety	
	Hospitals	
	Idaho Emergency Medical Services Bureau	
Uses:	Linking Element.	
	Identification of when the clinical event started to better analyze resource utilization and outcomes.	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: I_01	
References:	NEMSIS V 2.2.1 E05_01	
	Idaho VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)	
	Idaho EMS PCR (EM-161350-4:654321 GS03)	
	Idaho PERCS V.2.2.1	
	NTDS 2017 I_01	

XML Specifications:	Element Name(Tag): IncidentDate ID: I_01
	Required: Yes Data Type: xs:date Multiple Entry: No
	Accepts Common Nulls: Yes Minimum: 1/1/1990 Maximum: 1/1/2030
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Time of Injury	**Item Number:** 30
Alternate Names:	Injury Incident Time	
Description:	Time the patient was injured.	

Additional Information:

Time of injury should be based upon report by patient, witness, family, or health care provider.

If time of injury is not recorded, use EMS dispatch time (time dispatch notified EMS) or estimated injury time provided by patient, witness, family, or health care provider.

Collected in military time.

Other proxy measures (e.g. 911 call times) should not be used.

Allowable Value Information:

Hour: Valid values are from 00 to 23.

Minute: Valid values are from 00 to 59.

Allowable Null Values: 2   Not Known

Submitted By:

Office of Highway Safety

Hospitals

Idaho Emergency Medical Services Bureau

Uses:

Linking element.

Identification of when the clinical event started to better analyze resource utilization and outcomes.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: I_02

References:

NEMSIS V 2.2.1 E05_01

 Idaho VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)

Idaho EMS PCR (EM-161350-4:654321 GS03)

Idaho PERCS V.2.2.1

NTDS 2017 I_02

XML Specifications:	Element Name(Tag): IncidentTime	ID: I_02
	Required: Yes Data Type: xs:time Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	EMS Agency ID Number	**Item Number:**	31

Alternate Names:	EMS Agency License Number
Description:	EMS agency ID or license number.
Allowable Value Information:	If entered by a hospital is the ID number of the EMS transport agency that delivers the patient to the hospital.
	If provided by an EMS agency, is the number of the EMS agency filling out the patient care report.
Allowable Null Values:	2 Not Known
Submitted By:	Hospitals
	Idaho Emergency Medical Services Bureau
Uses:	Linking element.
ITR Requirement:	Required
NTDB Requirement:	No
References:	NEMSIS V 2.2.1 E02_01
	IDHW Bureau of EMS (license numbers)
	Idaho EMS PCR (EM-161350-4:654321 GS03)
	Idaho PERCS V.2.2.1

XML Specifications:	Element Name(Tag): EMSAgencyID	ID: P_1000
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	EMS Agency Name	**Item Number:** 31b
Description:	The name of the EMS agency.	
Additional Information:	Required only if 999 is entered in data element 31 as the EMS Agency ID Number.	
	999 is entered in data element 31 if the EMS agency license number is out of state or not listed.	
Allowable Value Information:	Appropriate value.	
Submitted By:	Hospitals	
Uses:	Used to capture the names of EMS agencies not on the current EMS Agency ID Number list so they can be added to the list along with their license numbers.	
ITR Requirement:	Supplemental	
NTDB Requirement:	No	
References:	NEMSIS V 2.2.1 E02_01	
	IDHW Bureau of EMS (license numbers)	
	Idaho EMS PCR (EM-161350-4:654321 GS03)	
	Idaho PERCS V 2.2.1	

XML Specifications:	Element Name(Tag): EMSAgencyName ID: ED_1023
	Required: Yes Data Type: xs:string Multiple Entry: No
	Accepts Common Nulls: Yes
	XML Qualifier: ITR Additional XML Element

Data Item Name:	Transport Mode	**Item Number:** 32a

Description: The mode of transport delivering the patient to the hospital.

Allowable Values:

1	Ground Ambulance
2	Helicopter Ambulance
3	Fixed-Wing Ambulance
4	Private / Public Vehicle / Walk-In
5	Police
6	Other

Allowable Null Values:

1	Not Applicable
2	Not Known

Submitted By: Office of Highway Safety

Hospitals

Idaho Emergency Medical Services Bureau

Uses: Allow data to be evaluated based on mode of transport to reach the hospital.

Quality improvement initiatives.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: P_07

References: Idaho ITD VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)

Idaho EMS PCR (EM-161350-4:654321 GS03)

NTDS 2017 P_07

XML Specifications:

Element Name(Tag): TransportMode   ID: P_07

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1 Maximum: 6

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	EMS Unit Date Notified by Dispatch	**Item Number:** 33
Alternate Names:	EMS Dispatch Date	
Description:	Date the transport unit was notified by dispatch for transport to your facility.	
Additional Information:	For patients who are transferred to your facility, this refers to the date notified for the transfer.	
Allowable Value Information:	Month – 2 digits. Valid values range from 01 to 12.	
	Day – 2 digits. Valid values range from 01 to 31.	
	Year – 4 digits. Valid values range from 2006 to 9999.	
Allowable Null Values:	1 Not Applicable	
	2 Not Known	
Submitted By:	Hospitals	
	Idaho Emergency Medical Services Bureau	
Uses:	Quality improvement initiatives.	
ITR Requirement:	Optional	
NTDB Requirement:	Yes Identifier: P_01	
References:	NEMSIS V 2.2.1 E05_04	
	Idaho VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)	
	Idaho EMS PCR (EM-161350-4:654321 GS03)	
	Idaho PERCS V.2.2.1	
	NTDS 2017 P_01	

XML Specifications:	Element Name(Tag): EmsNotifyDate	ID: P_01
	Required: Yes Data Type: xs:date Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1/1/1990 Maximum: 1/1/2030	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	EMS Unit Time Notified by Dispatch	**Item Number:** 34
Alternate Names:	EMS Dispatch Time	
Description:	Time the transport unit was notified by dispatch for transport to your facility.	
Additional Information:	For patients transferred to your facility, this refers to the time for the transfer.	
Allowable Value Information:	Hour: Valid values are from 00 to 23.	
	Minute: Valid values are from 00 to 59.	
Allowable Null Values:	1 Not Applicable	
	2 Not Known	
Submitted By:	Hospitals	
	Idaho Emergency Medical Services Bureau	
Uses:	Quality improvement initiatives.	
ITR Requirement:	Optional	
NTDB Requirement:	Yes Identifier: P_02	
References:	NEMSIS V 2.2.1 E05_04	
	Idaho VCR (ITD-90 5-95M 27-010500-0 Revised 12/3/96)	
	Idaho EMS PCR (EM-161350-4:654321 GS03)	
	Idaho PERCS V.2.2.1	
	NTDS 2017 P_02	

XML Specifications:

Element Name(Tag): EmsNotifyTime   ID: P_02

Required: Yes   Data Type: xs:time   Multiple Entry: No

Accepts Common Nulls: Yes

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	EMS Unit Time Arrived on Scene	**Item Number:** 36a
Alternate Names:	EMS Unit Arrival Time at Scene or Transferring Facility	
Description:	Time the transport unit transporting to your facility arrived on the scene (stopped moving).	
Additional Information:	For patients transferred to your facility, this is the time the transport unit arrived at the transferring facility (stopped moving).	
Allowable Value Information:	Hour: Valid values are from 00 to 23.	
	Minute: Valid values are from 00 to 59.	
Allowable Null Values:	1　　　Not Available	
	2　　　Not Known	
Submitted By:	Office of Highway Safety	
	Hospitals	
	Idaho Emergency Medical Services Bureau	
Uses:	Quality improvement initiatives.	
ITR Requirement:	Optional	
NTDB Requirement:	Yes　　　Identifier: P_04	
References:	NEMSIS V 2.2.1 E05_06	
	Idaho EMS PCR (EM-161350-4:654321 GS03)	
	Idaho VCR (ITD-90 5-95M 27- 010500-0 Revised 12/3/96)	
	Idaho PERCS V.2.2.1	
	NTDS 2017 P_04	

XML Specifications:	Element Name(Tag): EmsArrivalTime	ID: P_04
	Required: Yes　　　Data Type: xs:time　　　Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	EMS Unit Date Arrived on Scene	**Item Number:** 36b
Alternate Names:	EMS Unit Arrival Date at Scene or Transferring Facility	
Description:	Date the transport unit transporting to your facility arrived on the scene (stopped moving).	
Additional Information:	For patients transferred from another acute care facility, this refers to the date of arrival at the transferring hospital (stopped moving).	
Allowable Value Information:	Month – 2 digits. Valid values range from 01 to 12.	
	Day – 2 digits. Valid values range from 01 to 31.	
	Year – 4 digits. Valid values range from 2006 to 9999.	
Allowable Null Values:	1　　　Not Available	
	2　　　Not Known	
Submitted By:	Hospitals	
	Idaho Emergency Medical Services Bureau	
Uses:	Quality improvement initiatives.	
ITR Requirement:	Optional	
NTDB Requirement:	Yes　　　Identifier: P_03	
References:	NEMSIS V 2.2.1 E05_06	
	Idaho EMS PCR (EM-161350-4:654321 GS03)	
	Idaho PERCS V.2.2.1	
	NTDS 2017 P_03	

XML Specifications:	Element Name(Tag): EmsArrivalDate	ID: P_03
	Required: Yes　　　Data Type: xs:date　　　Multiple Entry: No	
	Accepts Common Nulls: Yes　　　Minimum: 1/1/1990 Maximum: 1/1/2030	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	EMS Unit Time Left Scene	**Item Number:**	38a
Alternate Names:	EMS Unit Departure Time from Scene or Transferring Facility		
Description:	Time the transport unit transporting to your facility left the scene (started moving).		
Additional Information:	For patients being transferred from another acute care facility, this is the time EMS left the transferring facility (started moving).		
Allowable Value Information:	Hour: Valid values are from 00 to 23.		
	Minute: Valid values are from 00 to 59.		
Allowable Null Values:	1 Not Applicable		
	2 Not Known		
Submitted By:	Hospitals		
	Idaho Emergency Medical Services Bureau		
Uses:	Quality improvement initiatives.		
ITR Requirement:	Optional		
NTDB Requirement:	Yes Identifier: P_06		
References:	NEMSIS V 2.2.1 E05_09		
	Idaho EMS PCR (EM-161350-4:654321 GS03)		
	Idaho PERCS V.2.2.1		
	NTDS 2017 P_06		

XML Specifications:	Element Name(Tag): EmsLeftTime	ID: P_06
	Required: Yes Data Type: xs:time Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	EMS Unit Date Left the Scene	**Item Number:** 38b
Alternate Names:	EMS Unit Departure Date from Scene or Transferring Facility	
Description:	Date the unit transporting to your hospital left the scene (started moving).	
Additional Information:	For patients being transferred from another acute care facility, this is the date EMS left the transferring facility (started moving).	
Allowable Value Information:	Month – 2 digits. Valid values range from 01 to 12.	
	Day – 2 digits. Valid values range from 01 to 31.	
	Year – 4 digits. Valid values range from 2006 to 9999.	
Allowable Null Values:	1 Not Applicable	
	2 Not Known	
Submitted By:	Hospitals	
	Idaho Emergency Medical Services Bureau	
Uses:	Quality improvement initiatives.	
ITR Requirement:	Optional	
NTDB Requirement:	Yes Identifier: P_05	
References:	NEMSIS V 2.2.1 E05_09	
	Idaho PERCS V.2.2.1	
	NTDS 2017 P_05	

XML Specifications:	Element Name(Tag): EmsLeftDate ID: P_05
	Required: Yes Data Type: xs:date Multiple Entry: No
	Accepts Common Nulls: Yes Minimum: 1/1/1990 Maximum: 1/1/2030
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Initial Field GCS - Eye	**Item Number:** 52
Description:	First recorded Glasgow Coma Score (Eye) measured at the scene of the injury.	

Additional Information:	The null value "Not Known/Not Recorded" is used if the patient is transferred to your facility with no EMS run sheet from the scene of injury.
	If a GCS value is not recorded, but written documentation allows assignment of a GCS score, that value can be used IF there is no conflicting documentation.

Allowable Values:	1	No eye movement when assessed
	2	Open eyes in response to painful stimulation
	3	Opens eyes in response to verbal stimulation
	4	Opens eyes spontaneously
Allowable Null Values:	2	Not Known
Submitted By:	Hospitals	
	Idaho Emergency Medical Services Bureau	
Uses:	Used to calculate the first GCS at the scene of the injury.	
	Provides documentation of assessment and care.	
	Quality improvement initiatives.	
ITR Requirement:	Optional	
NTDB Requirement:	Yes	Identifier: P_13
References:	NEMSIS V 2.2.1 E14_15	
	Idaho PERCS V2.2.1	
	NTDS 2017 P_13	

XML Specifications:	Element Name(Tag): EmsGcsEye	ID: P_13
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 4	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial Field GCS - Verbal	**Item Number:** 53

Description: First recorded Glasgow Coma Score (Verbal) at the scene of the injury.

Additional Information: The null value "Not Known/Not Recorded" is used if the patient is transferred to your facility with no EMS run sheet from the scene of injury.

If patient is intubated then the GCS Verbal score is equal to 1.

If a GCS value is not recorded, but written documentation allows assignment of a GCS score, that value can be used IF there is no conflicting documentation.

Allowable Values:

1	No vocal response (Ped <= 2yrs)
2	Inconsolable, agitated (Ped <= 2yrs)
3	Inconsistently consolable, moaning (Ped <= 2yrs)
4	Cries but is consolable, inappropriate interactions (Ped <= 2yrs)
5	Smiles, oriented to sounds, follows objects, Interacts (Ped <= 2yrs)
1	No verbal response (Adult)
2	Inconprehensible sounds (Adult)
3	Inappropriate words (Adult)
4	Confused (Adult)
5	Oriented (Adult)

Allowable Null Values: 2   Not Known

Submitted By: Hospitals

Idaho Emergency Medical Services Bureau

Uses: Used to calculate the first GCS at the scene of the injury.

Provides documentation of assessment and care.

Quality improvement initiatives.

ITR Requirement: Optional

NTDB Requirement: Yes   Identifier: P_14

References: NEMSIS V 2.2.1 E14_16

Idaho PERCS V.2.2.1

NTDS 2017 P_14

XML Specifications: Element Name(Tag): EmsGcsVerbal   ID: P_14

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1   Maximum: 5

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Initial Field GCS - Motor	**Item Number:** 54
Description:	First recorded Glasgow Coma Score (Motor) at the scene of the injury.	

Additional Information: The null value "Not Known/Not Recorded" is used if the patient is transferred to your facility with no EMS run sheet from the scene of injury.

If a GCS value is not recorded, but written documentation allows assignment of a GCS score, that value can be used IF there is no conflicting documentation.

Allowable Values:

1	No motor response (All Ages)
2	Extension to pain (All Ages)
3	Flexion to pain (All Ages)
4	Withdrawal from pain (All Ages)
5	Localizing pain (All Ages)
6	Obeys Commands (> 5 years) / Age Appropriate response to stimulation (<= 5 years)

Allowable Null Values: 2   Not Known

Submitted By: Hospitals

Idaho Emergency Medical Services Bureau

Uses: Used to calculate the first GCS at the scene of the injury.

Provides documentation of assessment and care.

Quality improvement initiatives.

ITR Requirement: Optional

NTDB Requirement: Yes   Identifier: P_15

References: NEMSIS V 2.2.1 E14_17

Idaho PERCS

NTDS 2017 P_15

XML Specifications:

Element Name(Tag): EmsGcsMotor   ID: P_15

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1 Maximum: 6

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Initial Field GCS Total	**Item Number:** 55
Description:	First recorded Glasgow Coma Score (Total) at the scene of the injury.	

Additional Information:	Glasgow Coma Score (GCS) (total) is a measure of brain (not spinal cord) injury. GCS (total) is determined by adding together the Initial Field GCS - Eye, Verbal, Motor scores.
	Total GCS is a component of Revised Trauma Score and TRISS (probability of survival) scores.
	If a GCS value is not recorded, but written documentation allows assignment of a GCS score, that value can be used IF there is no conflicting documentation.
	Phrases such as 'AAO X3,' 'awake, alert and oriented' or 'person with normal mental status' interpret as GCS of 15, IF there is no conflicting documentation.
	If the GCS was not recorded, and cannot be determined from written documentation that allows assignment of a score, enter 'Not Known'
Allowable Value Information:	Calculated
	Allowable value range 3 - 15.
Allowable Null Values:	2 Not Known
Submitted By:	Hospitals
	Idaho Emergency Medical Services Bureau
Uses:	Brain injury indicator.
	Documentation of assessment and care.
	Quality improvement initiatives.
ITR Requirement:	Optional
NTDB Requirement:	Yes Identifier: P_16
References:	NEMSIS V 2.2.1 E14_19
	Idaho PERCS V.2.2.1
	NTDS 2017 P_16

XML Specifications:	Element Name(Tag): EmsTotalGcs	ID: P_16
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 3 Maximum: 15	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial Field Oxygen Saturation	**Item Number:** 134
Description:	First recorded oxygen saturation at the scene of the injury (expressed as a percentage).	
Additional Information:	The null value "Not Known/Not Recorded" is used if the patient is transferred to your facility with no EMS run sheet from the scene of injury.	
	Value should be based upon assessment before administration of supplemental oxygen.	
Allowable Value Information:	Relevant value for data element.	
Allowable Null Values:	1　　　　Not Applicable	
	2　　　　Not Known	
Submitted By:	Hospitals	
	Idaho Emergency Medical Services Bureau	
Uses:	Provides documentation of assessment and care.	
	Used in quality management for the evaluation of care and EMS Agency Performance.	
ITR Requirement:	Optional	
NTDB Requirement:	Yes　　　Identifier: P_12	
References:	NEMSIS V 2.2.1 E14_09	
	Idaho PERCS V.2.2.1	
	NTDS 2017 P_12	

XML Specifications:	Element Name(Tag): EmsPulseOximetry	ID: P_12
	Required: Yes　　Data Type: xs:integer　　　Multiple Entry: No	
	Accepts Common Nulls: Yes　　　Minimum: 0 Maximum: 100	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial Field Pulse Rate	**Item Number:** 135

Description: First recorded pulse at the scene of the injury (palpated or auscultated), expressed as a number per minute.

Additional Information: The null value "Not Known/Not Recorded" is used if the patient is transferred to your facility with no EMS run sheet from the scene of injury.

Allowable Value Information: Relevant value for data element.

Allowable Null Values:
1   Not Applicable

2   Not Known

Submitted By: Hospitals

Idaho Emergency Medical Services Bureau

Uses: Provides documentation of assessment and care.

Used in quality management for the evaluation of care and EMS Agency Performance.

ITR Requirement: Optional

NTDB Requirement: Yes   Identifier: P_10

References: NEMSIS V 2.2.1 E14_07

Idaho PERCS V.2.2

NTDS 2017 P_10

XML Specifications:	Element Name(Tag): EmsPulseRate	ID: P_10
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 299	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial Field Respiratory Rate	**Item Number:** 136
Description:	First recorded respiratory rate measured at the injury scene (expressed as a number per minute).	
Additional Information:	The null value "Not Known/Not Recorded" is used if the patient is transferred to your facility with no EMS run sheet from the scene of injury.	
Allowable Value Information:	Relevant value for initial field respiratory rate.	
Allowable Null Values:	1 Not Applicable	
	2 Not Known	
Submitted By:	Hospitals	
	Idaho Emergency Medical Services Bureau	
Uses:	Provides documentation of assessment and care.	
	Used in quality management for the evaluation of care and EMS Agency Performance.	
ITR Requirement:	Optional	
NTDB Requirement:	Yes Identifier: P_11	
References:	NEMSIS E14_11	
	Idaho PERCS V.2.2.1	
	NTDS 2017 P_11	

XML Specifications:	Element Name(Tag): EmsRespiratoryRate	ID: P_11
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 120	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial Field Systolic Blood Pressure
Item Number:	137

Description: First recorded systolic blood pressure measured at the scene of the injury.

Additional Information: The null value "Not Known/Not Recorded" is used if the patient is transferred to your facility with no EMS run sheet from the scene of injury.

Allowable Value Information: Relevant value for initial field systolic blood pressure.

Allowable Null Values:
1   Not Applicable
2   Not Known

Submitted By: Hospitals

Idaho Emergency Medical Services Bureau

Uses: Provides documentation of assessment and care.

Used in quality management for the evaluation of care and EMS Agency Performance.

ITR Requirement: Optional

NTDB Requirement: Yes   Identifier: P_09

References: NEMSIS V 2.2.1 E14_04

Idaho PERCS V.2.2.1

NTDS 2017 P_09

XML Specifications: Element Name(Tag): EmsSbp   ID: P_09

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 0 Maximum: 300

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Facility ID Number - Hospital Entry	**Item Number:** 72
Alternate Names:	Submitting facility link.	
	Medicare Number	
Description:	A unique number assigned to the facility by Medicare.	

Allowable Values:		
	131316	Bear Lake Memorial Hospital
	131317	Benewah Community Hospital
	131325	Bingham Memorial Health
	131328	Bonner Community Hospital
	131301	Boundary Community Hospital
	131309	Caribou Memorial Hospital, Living Center and Clinics
	131308	Cascade Medical Center
	131326	Cassia Regional Hospital
	131320	Clearwater Valley Hospital and Clinics
	130018	Eastern Idaho Regional Medical Center
	131322	Franklin County Medical Center
	131327	Gritman Medical Center
	130049	Kootenai Health
	131324	Lost Rivers District Hospital
	130025	Madison Memorial Hospital
	131319	Minidoka Memorial Hospital
	131303	Nell J. Redfield Memorial Hospital
	131302	North Canyon Medical Center
	130028	Portneuf Medical Center
	131304	Power County Hospital District
	130013	Saint Alphonsus Medical Center - Nampa
	130007	Saint Alphonsus Regional Medical Center
	131314	Shoshone Medical Center
	130003	St. Joseph Regional Medical Center
	130006	St. Luke's Boise Regional Medical Center
	131311	St. Luke's Elmore Medical Center
	131310	St. Luke's Jerome Medical Center
	130002	St. Luke's Magic Valley Medical Center
	131312	St. Luke's McCall Medical Center
	130006 2	St. Luke's Meridian Medical Center
	130071	St. Luke's Nampa Medical Center

131323   St. Luke's Wood River Medical Center

131321   St. Mary's Hospital and Clinics

131305   Steele Memorial Medical Center

131315   Syringa Hospital and Clinics

131313   Teton Valley Health Care, Inc.

131318   Valor Health

131307   Weiser Memorial Hospital

130014   West Valley Medical Center

Submitted By:	Hospitals
Uses:	Combined with the Hospital Index Number to provide a permanent record control number.
	Linking element
ITR Requirement:	Assigned
NTDB Requirement:	Yes Identifier: XSD

XML Specifications:	Element Name(Tag): FacilityId	ID: H_1005
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: No	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Inter-Hospital Transfer	**Item Number:** 75
Alternate Names:	Inter-Facility Transfer	
Description:	Determination if the patient was transferred to your facility from another acute care facility by ambulance.	
Additional Information:	Patients transferred from a private doctor's office, stand-alone ambulatory surgery center, or delivered to the hospital by a non-EMS transport are not considered an inter-facility transfer.	
	Outlying facilities purporting to provide emergency care services or utilized to stabilize a patient are considered acute care facilities.	
Allowable Values:	1 Yes	
	2 No	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	Linking element	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: P_17	
References:	NTDS 2017 P_17	

XML Specifications:	Element Name(Tag): InterFacilityTransfer	ID: P_17
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 2	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Hospital Transferred From	**Item Number:** 75b

Description:	The Medicare ID number of the acute care hospital the patient was transferred from by ambulance.

Additional Information:	Transfers do not include patients who arrive via EMS transport from a private doctor's office or stand-alone ambulatory surgery center.
	Outlying facilities providing emergency care services, or used to stabilize a patient prior to transfer are considered acute care facilities.

Allowable Value Information: Medicare ID number. Refer to Data Element # 72 for listing.

Allowable Null Values:

1	Not Applicable
2	Not Known

Submitted By: Hospitals

Uses: Linking element

ITR Requirement: Required

NTDB Requirement: No

XML Specifications:	Element Name(Tag): HospitalTransferredFrom	ID: H_1006
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Hospital Transferred From Name	**Item Number:**	75d
Description:	The name of the hospital transferred from.		
Additional Information:	Used only when the Medicare ID number is not known for data entered in element 75b.		
Allowable Value Information:	Appropriate value		
Submitted By:	Hospitals		
Uses:	Used to link the multiple hospitals treating a patient for a given injury incident.		
ITR Requirement:	Supplemental		
NTDB Requirement:	No		

XML Specifications:	Element Name(Tag): HospitalTransferredFromName ID: H_1011
	Required: Yes Data Type: xs:string Multiple Entry: No
	Accepts Common Nulls: No
	XML Qualifier: ITR Additional XML Element

Data Item Name:	Hospital Transferred To	**Item Number:** 75c
Description:	The Medicare ID number of the acute care hospital to which the patient was transferred by ambulance from your hospital.	
Additional Information:	This does not include patients who are transferred via EMS transport to a private doctor's office, stand-alone ambulatory surgery center, nursing home or other type of care facility.	
	This does not include patients who go to another acute care hospital by privately owned vehicle or other type of non-EMS transport.	
Allowable Value Information:	Medicare ID number. Refer to Data Element #72 for listing.	
Allowable Null Values:	1 Not Applicable	
	2 Not Known	
Submitted By:	Hospitals	
Uses:	Linking element	
ITR Requirement:	Required	
NTDB Requirement:	No	

XML Specifications:	Element Name(Tag): HospitalTransferredTo	ID: H_1007
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	ED Discharge Disposition	**Item Number:** 79
Description:	The disposition of the patient at the time of discharge from the ED.	

Additional Information: The null value "Not Applicable" is used if the patient is directly admitted to the hospital.

If ED Discharge Disposition is 4, 5, 6, 9, 10, 11, then Hospital Discharge Date, Time, and Disposition should be "Not Applicable".

Allowable Values:

1	Floor Bed (general admission, non-specialty unit bed)
2	Observation Unit (unit that provides <24 hour service)
3	Telemetry / Step-Down Unit (less acuity than ICU)
4	Home with Services
5	Deceased / Expired
6	Other (jail, institution, mental health, etc.)
7	Operating Room
8	Intensive Care Unit (ICU)
9	Home without Services
10	Left Against Medical Advice
11	Transferred to Another Hospital

Allowable Null Values:

1	Not Applicable
2	Not Known

Submitted By: Hospitals

Uses: Quality improvement initiatives.

Used as an estimate of patient status at the time of ED discharge.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: ED_20

References: NTDS 2017 ED_20

XML Specifications:

Element Name(Tag): EdDischargeDisposition   ID: ED_20

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1 Maximum: 11

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	ED Discharge Date	**Item Number:** 81

Description: Date the patient was discharged from the ED.

Additional Information: The null value "Not Applicable" is used if the patient is directly admitted to the hospital.

If ED Discharge Disposition is 5 Deceased/Expired, then ED Discharge Date is the date of death as indicated on the patient's death certificate.

Allowable Value Information: Month – 2 digits. Valid values range from 01 to 12.

Day – 2 digits. Valid values range from 01 to 31.

Year – 4 digits. Valid values range from 2006 to 9999.

Allowable Null Values: 1 Not Applicable

2 Not Known

Submitted By: Hospitals

Uses: Allows data to be sorted based upon total length of ED stay.

Quality improvement initiatives.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: ED_22

References: NTDS 2017 ED_22

XML Specifications: Element Name(Tag): EdDischargeDate   ID: ED_22

Required: Yes   Data Type: xs:date   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1/1/1990 Maximum: 1/1/2030

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	ED Discharge Time	**Item Number:** 82
Description:	The time the patient was discharged from the ED.	
Additional Information:	Collected as military time.	
	The null value "Not Applicable" is used if the patient is directly admitted to the hospital.	
	If ED Discharge Disposition is 5 Deceased/Expired, then ED Discharge Time is the time of death as indicated on the patient's death certificate.	
Allowable Value Information:	Hour: Valid values are from 00 to 23	
	Minute: Valid values are from 00 to 59	
Allowable Null Values:	1 Not Applicable	
	2 Not Known	
Submitted By:	Hospitals	
Uses:	Allows data to be sorted based upon total length of ED stay.	
	Quality improvement initiatives.	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: ED_23	
References:	NTDS 2017 ED_23	

XML Specifications:	Element Name(Tag): EdDischargeTime	ID: ED_23
	Required: Yes Data Type: xs:time Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial ED/Hospital Pulse Rate	**Item Number:** 83
Alternate Names:	Pulse Rate Initial in ED / Hospital	
Description:	First recorded pulse (palpated or auscultated) in the ED/hospital.	

Additional Information: If the patient was a Direct Admission, use the first recorded in-hospital value.

Please note that first recorded/hospital vitals do not need to be from the same assessment.

Acceptable range 0 - 299 beats per minute.

Measurement recorded must be without the assistance of CPR or any type of mechanical chest compression device. For those patients who are receiving CPR or any type of mechanical chest compressions, report the value obtained while compressions are paused.

Allowable Value Information: Relevant value (palpated or auscultated) expressed as a number per minute.

Allowable Null Values: 2   Not Known

Submitted By: Hospitals

Uses: Provides documentation of assessment and care.

Quality improvement initiatives.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: ED_04

References: NTDS 2017 ED_04

XML Specifications: Element Name(Tag): PulseRate   ID: ED_04

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 0 Maximum: 299

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Initial ED/Hospital Respiratory Assistance	**Item Number:** 84
Alternate Names:	Initial Respiratory Assistance	
Description:	Determination of respiratory assistance associated with the initial ED/hospital.	
Additional Information:	Only completed if a value is provided for "Initial ED/Hospital Respiratory Rate."	
	'Respiratory Assistance' is defined as mechanical and/or external support of respiration.	
	Use the ED information for patients first examined in the ED or admitted as an in-patient through the ED.	
	If the patient was a Direct Admission, record initial respiratory assistance at the time of admission.	
	Please note that first recorded/hospital vitals do not need to be from the same assessment.	

Allowable Values:	1	Unassisted Respiratory Rate
	2	Assisted Respiratory Rate
Allowable Null Values:	2	Not Known
Submitted By:	Hospitals	
Uses:	Provides documentation of assessment and care.	
	Quality improvement initiatives.	
ITR Requirement:	Required	
NTDB Requirement:	Yes	Identifier: ED_07
References:	NTDS 2017 ED_07	

XML Specifications:	Element Name(Tag): RespiratoryAssistance ID: ED_07
	Required: Yes Data Type: xs:integer Multiple Entry: No
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 2
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Initial Diastolic Blood Pressure in ED / Hospital	**Item Number:** 86a
Description:	First recorded diastolic blood pressure in the ED/hospital.	

Additional Information:	Acceptable range 0 - 200.
	If an in-patient was admitted through the ED, and a diastolic blood pressure was not recorded in the ED, do not use the first in-patient value, record 'Not Known'.
	If the patient was a Direct Admission, use the first recorded in-hospital value.
	If the diastolic blood pressure was not recorded in the ED, enter 'Not Known'.
Allowable Value Information:	Relevant numeric value for initial Diastolic Blood Pressure.
Allowable Null Values:	2 Not Known
Submitted By:	Hospitals
Uses:	Quality improvement initiatives.
ITR Requirement:	Required
NTDB Requirement:	No

XML Specifications:	Element Name(Tag): Dbp	ID: ED_1007
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 200	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Initial ED/Hospital Systolic Blood Pressure	**Item Number:** 86b
Alternate Names:	Initial Systolic Blood Pressure in ED / Hospital	
Description:	First recorded systolic blood pressure in the ED/hospital.	

Additional Information:

If an in-patient was admitted through the ED, and a systolic blood pressure was not recorded in the ED, do not use the first in-patient value, record 'Not Known'.

If the patient was a Direct Admission, use the first recorded in-hospital value.

Please note that first recorded/hospital vitals do not need to be from the same assessment.

Acceptable range of values 0 - 300

Measurement recorded must be without the assistance of CPR or any type of mechanical chest compression device. For those patients who are receiving CPR or any type of mechanical chest compressions, report the value obtained while the compressions are paused.

Allowable Value Information:	Numerical value corresponding to the initial systolic blood pressure in mm Hg.
Allowable Null Values:	2 Not Known
Submitted By:	Hospitals
Uses:	Quality improvement initiatives.
	SBP is used to calculate the Revised Trauma Score and TRISS scores.
ITR Requirement:	Required
NTDB Requirement:	Yes Identifier: ED_03
References:	NTDS 2017 ED_03

XML Specifications:	Element Name(Tag): Sbp	ID: ED_03
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 300	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial Temperature ED / Hospital Fahrenheit	**Item Number:** 87
Alternate Names:	Initial ED / Hospital Temperature	
Description:	First recorded temperature (in degrees Fahrenheit) in the ED/hospital.	
Additional Information:	If the temperature was not recorded in the ED, enter 'Not Known'.	
	If an in-patient was admitted through the ED, and a temperature was not recorded in the ED, do not use the first in-patient value, record 'Not Known'.	
	If the patient was a Direct Admission, use the first recorded in-hospital value.	
Allowable Value Information:	Relevant numeric value of initial temperature	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	Provides documentation of assessment and care.	
	Quality improvement initiatives	
ITR Requirement:	Required	
NTDB Requirement:	No	
References:	NTDS 2017 ED_05	

XML Specifications:	Element Name(Tag): TemperatureFahrenheit	ID: ED_1008
	Required: No Data Type: xs:decimal Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 115	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Initial ED/Hospital Temperature - Celsius	**Item Number:** 87a
Alternate Names:	Initial ED/Hospital Temperature	
Description:	First recorded temperature (in Celsius) in the ED/hospital.	
Additional Information:	If the temperature was not recorded in the ED, enter 'Not Known'.	
	If an in-patient was admitted through the ED, and a temperature was not recorded in the ED, do not use the first in-patient value, record 'Not Known'.	
	If the patient was a Direct Admission, use the first recorded in-hospital value.	
	Up to 4 digits, including a decimal point.	
Allowable Value Information:	Relevant numeric value for initial temperature.	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	Provides documentation of assessment and care.	
	Quality improvement initiatives.	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: ED_05	
References:	NTDS 2017 ED_05	

XML Specifications:	Element Name(Tag): Temperature	ID: ED_05
	Required: Yes Data Type: xs:decimal Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 45	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Protective Device - Hospital Entry	**Item Number:** 51a

Description: Protective devices (safety equipment) in use or worn by the patient at the time of injury.

Additional Information: 'Lap Belt' should be used if patients are reported as restrained but with no other information.

If chart indicates '3 point restraint', report as both 'Lap Belt' and 'Shoulder Belt.'

If "Child Restraint" is present, complete variable "Child Specific Restraint."

If "Airbag" is present, complete variable "Airbag Deployment."

Evidence of the use of safety equipment may be reported or observed.

Check all that apply.

Allowable Values:

1	None
2	Lap Belt
3	Personal Flotation Device
4	Protective Non-Clothing Gear (e.g. shin guard)
5	Eye Protection
6	Child Restraint (booster seat or child car seat)
7	Helmet (e.g. bicycle, skiing, motorcycle)
8	Airbag Present
9	Protective Clothing (e.g., padded leather pants)
10	Shoulder Belt
11	Other

Allowable Null Values:

1	Not Applicable
2	Not Known

Submitted By: Hospitals

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: I_14

References: NEMSIS V 2.2.1 E10_08

NTDS 2017 I_14

XML Specifications:	Element Name(Tag): ProtectiveDevice ID: I_14
	Required: Yes Data Type: xs:integer Multiple Entry: Yes Max: 10
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 11
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Child Specific Restraint - Hospital Entry	**Item Number:** 51b
Description:	Protective child restraint devices used by patient at the time of injury.	
Additional Information:	Evidence of the use of child restraint may be reported or observed.	
	Only completed when Protective Devices include "Child Restraint."	
	The null value "Not Applicable" is used if no "Child Restraint" is reported under Protective Devices.	

Allowable Values:	1	Child Car Seat
	2	Infant Car Seat
	3	Child Booster Seat
Allowable Null Values:	1	Not Applicable
	2	Not Known
Submitted By:	Hospitals	
Uses:	Used to better define injury cause and characterize injury patterns.	
ITR Requirement:	Required	
NTDB Requirement:	Yes	Identifier: I_15
References:	NTDS 2017 I_15	

XML Specifications:	Element Name(Tag): ChildSpecificRestraint ID: I_15
	Required: Yes Data Type: xs:integer Multiple Entry: No
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 3
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Airbag Deployment - Hospital Entry	**Item Number:** 51c
Description:	Indication of airbag deployment during a motor vehicle crash.	

Additional Information:	If the specific airbag location is not documented, report as 'Airbag Deployed Front.'
	Only completed when Protective Devices include "Airbag."
	Evidence of the use of airbag deployment may be reported or observed.
	The null value "Not Applicable" is used if no "Airbag Present" is reported under Protective Devices.

Allowable Values:	1	Airbag Not Deployed
	2	Airbag Deployed Front
	3	Airbag Deployed Side
	4	Airbag Deployed Other (knee, airbelt, curtain, etc.)
Allowable Null Values:	1	Not Applicable
	2	Not Known
Submitted By:	Hospitals	
Uses:	Used to better define injury cause and characterize injury patterns.	
ITR Requirement:	Required	
NTDB Requirement:	Yes	Identifier: I_16
References:	NEMSIS V 2.2.1 E10_09	
	NTDS 2017 I_16	

XML Specifications:	Element Name(Tag): AirbagDeployment ID: I_16
	Required: Yes Data Type: xs:integer Multiple Entry: Yes Max: 4
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 4
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Revised Trauma Score	**Item Number:** 89
Description:	A component of TRISS (probability of survival score).	
Additional Information:	The RTS cannot be calculated if all required data elements (GCS, systolic blood pressure, respiratory rate) are not present.	
	Calculated: RTS = 0.9368*GCSc+0.7326*SBPc+0.2908*RRc	
	Glasgow Coma Score total points (GCSc): 13-15 = 4; 9-12 = 3; 6-8 = 2; 4-5 = 1; 3 = 0	
	Respiratory Rate (RRc): 10-29 = 4; >29 = 3; 6-9 = 2; 1-5 = 1; 0=0	
	Systolic Blood Pressure (SBPc): >89 = 4; 76-89 = 3; 50-75 = 2; 1 - 49 = 1; 0 = 0	
Allowable Value Information:	Any real number between 0 and 8.	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	The RTS is a component of the TRISS (probability of survival) score.	
	Quality improvement initiatives.	
ITR Requirement:	Calculated	
NTDB Requirement:	No	
References:	Champion, Sacco, Copes et al. A Revision of the Trauma Score. J Trauma 99 (5):623-629, 1989.	

XML Specifications:	Element Name(Tag): RevisedTraumaScore	ID: ED_1012
	Required: Yes Data Type: xs:decimal Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 8	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Initial ED/Hospital GCS - Eye	**Item Number:** 91
Alternate Names:	GCS Eye Initial in ED / Hospital	
Description:	First recorded Glasgow Coma Score (GCS) Eye in the ED/hospital.	

Additional Information:

The Glasgow Coma Score (GCS) is a measure of brain (not spinal cord) injury used to assess the degree of coma.

The three sub-scores (eye, verbal and motor) are used to calculate the Total GCS.

Do not use the EMS value or the first in-patient value for a patient first treated in the ED.

If an in-patient was admitted through the ED, and a GCS was not recorded in the ED, do not use the EMS value or the ED value. Instead, record 'Not Known'.

If the patient was a Direct Admission, use the first on-floor value.

If a GCS value is not recorded, but written documentation allows assignment of a GCS score, that value can be used IF there is no conflicting documentation.

If the GCS was not recorded, and cannot be determine from written documentation that allows assignment of a GCS score, enter 'Not Known'.

Please note that first recorded/hospital vitals do not need to be from the same assessment.

Allowable Values:

1	No eye movement when assessed
2	Opens eyes in response to painful stimulation
3	Opens eyes in response to verbal stimulation
4	Opens eyes spontaneously

Allowable Null Values:	2	Not Known
Submitted By:	Hospitals	
Uses:	Provides documentation of assessment and care.	
	Quality improvement initiatives.	
ITR Requirement:	Required	
NTDB Requirement:	Yes	Identifier: ED_10
References:	NTDS 2017 ED_10	

XML Specifications:	Element Name(Tag): GcsEye	ID: ED_10
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 4	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial ED/Hospital GCS - Verbal	**Item Number:** 92

Alternate Names:	GCS Verbal Initial in the ED / Hospital
Description:	First recorded Glasgow Coma Score (GCS) Verbal in the ED/hospital.

Additional Information:

The Glasgow Coma Score (GCS) is a measure of brain (not spinal cord) injury used to assess the degree of coma.

The three sub-scores (eye, verbal and motor) are used to calculate the Total GCS.

Do not use the EMS value or the first in-patient value for a patient first treated in the ED.

If an in-patient was admitted through the ED, and a GCS was not recorded, do not use the EMS value or the ED value. Instead, record 'Not known'.

If the patient was a Direct Admission, use the first on-floor value.

If a GCS value is not recorded, but written documentation allows assignment of a GCS score, that value can be used IF there is no conflicting documentation.

If the GCS was not recorded, and cannot be determined from written documentation that allows assignment of a GCS score, enter 'Not Known'.

If patient is intubated then the GCS Verbal score is equal to 1.

Please note that first recorded/hospital vitals do not need to be from the same assessment.

Allowable Values:

1	No vocal response (Ped <= 2yrs)
2	Inconsolable, agitated (Ped <= 2yrs)
3	Inconsistently consolable, moaning (Ped <= 2yrs)
4	Cries but is consolable, inappropriate interactions (Ped <= 2yrs)
5	Smiles, oriented to sounds, follows objects, Interacts (Ped <= 2yrs)
1	No Verbal Response (Adult)
2	Incomprehensible Sounds (Adult)
3	Inappropriate Words (Adult)
4	Confused (Adult)
5	Oriented (Adult)

Allowable Null Values:	2	Not Known

Submitted By:	Hospitals

Uses:	Provides documentation of assessment and care.
	Quality improvement initiatives.

ITR Requirement:	Required
NTDB Requirement:	Yes	Identifier: ED_11
References:	NTDS 2017 ED_11

XML Specifications:	Element Name(Tag): GcsVerbal	ID: ED_11
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 5	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial ED/Hospital GCS - Motor	**Item Number:** 93
Alternate Names:	GCS Motor Initial in ED / Hospital	
Description:	First recorded Glasgow Coma Score (GCS) Motor in the ED/hospital.	

Additional Information:

The Glasgow Coma Score (GCS) is a measure of brain (not spinal cord) injury used to assess the degree of coma.

The three sub-scores (eye, verbal and motor) are used to calculate the Total GCS.

Do not use the EMS value or the first in-patient value for a patient first treated in the ED.

If an in-patient was admitted through the ED, and a GCS was not recorded in the ED, do not use the EMS value or the first in-patient value, enter 'Not Known'.

If the patient was a Direct Admission, use the first on-floor value.

If a GCS value is not recorded, but written documentation allows assignment of a GCS score, that value can be used IF there is no confliction documentation.

If the GCS was not recorded, and cannot be determined from written documentation that allows assignment of a GCS score, enter 'Not Known'.

Please note that first recorded/hospital vitals do not need to be from the same assessment.

Allowable Values:

1	No Motor Response (All Ages)
2	Extension to Pain (All Ages)
3	Flexion to Pain (All Ages)
4	Withdrawal from Pain (All Ages)
5	Localizes Pain (All Ages)
6	Obeys Command (Over 2 Years) / Age Appropriate Response to Stimulation (0 - 2 Years)

Allowable Null Values:	2	Not Known
Submitted By:	Hospitals	
Uses:	Provides documentation of assessment and care.	
	Quality improvement initiatives.	
ITR Requirement:	Required	
NTDB Requirement:	Yes	Identifier: ED_12
References:	NTDS 2017 ED_12	

XML Specifications:	Element Name(Tag): GcsMotor	ID: ED_12
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 6	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial ED/Hospital GCS - Total	**Item Number:** 94
Alternate Names:	GCS Total Initial in ED / Hospital	
Description:	First recorded Glasgow Coma Score (GCS) Total in the ED/hospital.	

Additional Information:

Glasgow Coma Score (GCS) (total) is a measure of brain (not spinal cord) injury. GCS (total) is determined by adding together the first ED/Hospital recorded GCS Eye, Verbal, Motor scores.

Total GCS is a component of Revised Trauma Score and TRISS (probability of survival) scores.

If a GCS value is not recorded, but written documentation allows assignment of a GCS score, that value can be used IF there is no conflicting documentation.

If the GCS was not recorded, and cannot be determined from written documentation that allows assignment of a score, enter 'Not Known'.

Please note that first recorded/hospital vitals do not need to be from the same assessment.

Allowable Value Information: Appropriate Value

Allowable value range 3 - 15.

Allowable Null Values: 2   Not Known

Submitted By: Hospitals

Uses: Allows sorting data by degree of severity of craniocerebral injuries.

Provides documentation of assessment and care.

Quality improvement initiatives.

ITR Requirement: Calculated

NTDB Requirement: Yes   Identifier: ED_13

References: NTDS 2017 ED_13

XML Specifications:	Element Name(Tag): TotalGcs	ID: ED_13
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 3 Maximum: 15	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial ED/Hospital GCS Assessment Qualifiers	**Item Number:** 95
Alternate Names:	GCS Qualifier Initial in ED / Hospital	
Description:	Documentation of factors potentially affecting the first assessment of GCS upon arrival in the ED/hospital.	

Additional Information: Identifies treatments given to the patient that may affect the first assessment of GCS. This field does not apply to self-medications the patient may administer (i.e., ETOH, prescriptions, etc.).

If an intubated patient has recently received an agent that results in neuromuscular blockade such that a motor or eye response is not possible, then the patient should be considered to have an exam that is not reflective of their neurologic status and the chemical sedation modifier should be selected.

Neuromuscular blockade is typically induced following the administration of agent like succinylcholine, mivacurium, rocuronium, (cis)atracurium, vecuronium, or pancuronium. While these are the most common agents, please review what might be typically used in your center so it can be identified in the medical record.

Each of these agents has a slightly different duration of action, so their effect on the GCS depends on when they were given. For example, succinylcholine's effects last for only 5-10 minutes.

If GCS factors were not recorded in the ED, enter 'Not Known'.

Please note that first recorded/hospital vitals do not need to be from the same assessment.

Allowable Values:	1	Patient Chemically Sedated or Paralyzed
	2	Obstruction to the patient's eye
	3	Patient Intubated
	4	Valid GCS: Patient was not sedated, not intubated, and did not have obstruction to the eye.
Allowable Null Values:	1	Not Applicable
	2	Not Known
Submitted By:	Hospitals	
Uses:	Qualify GCS scores for factors that may affect them.	
	Provides documentation of assessment and care.	
	Quality improvement initiatives.	
ITR Requirement:	Required	
NTDB Requirement:	Yes	Identifier: ED_14
References:	NTDS 2017 ED_14	

XML Specifications:	Element Name(Tag): GcsQualifier	ID: ED_14
	Required: Yes Data Type: xs:integer Multiple Entry: Yes Max: 3	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 4	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial ED/Hospital Oxygen Saturation	**Item Number:** 147
Description:	First recorded oxygen saturation in the ED/hospital (expressed as a percentage).	
Additional Information:	Record the value obtained before supplemental oxygen is administered.	
	If the patient was first examined in the ED or admitted as an in-patient through the ED, use the ED value. If oxygen saturation was not recorded in the ED, enter 'Not Known.'	
	If the patient was a direct admission, use the first recorded in-hospital value.	
	If available, complete additional field: "Initial ED/Hospital Supplemental Oxygen."	
	Please note that first recorded/hospital vitals do not need to be from the same assessment.	
Allowable Value Information:	Relevant value.	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	Provides documentation of assessment and care.	
	Used in quality management for the evaluation of care and EMS Agency Performance.	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: ED_08	
References:	NTDS 2017 ED_08	

XML Specifications:	Element Name(Tag): PulseOximetry	ID: ED_08
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 100	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial ED/Hospital Supplemental Oxygen	**Item Number:** 148

Description: Determination of the presence of supplemental oxygen during assessment of initial ED/hospital oxygen saturation level.

Additional Information: If the patient was first examined in the ED or admitted as an in-patient through the ED, use the ED value. If oxygen saturation was not recorded, enter 'Not Known'.

If the patient was a direct admission, use the first recorded in-hospital value.

Please note that first recorded/hospital vitals do not need to be from the same assessment.

Allowable Values:
1   No Supplemental Oxygen
2   Supplemental Oxygen

Allowable Null Values: 2   Not Known

Submitted By: Hospitals

Uses: Provides documentation of assessment and care.

Used in quality management for the evaluation of care and EMS Agency Performance.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: ED_09

References: NTDS 2017 ED_09

XML Specifications:

Element Name(Tag): SupplementalOxygen   ID: ED_09

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1 Maximum: 2

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Initial ED/Hospital Respiratory Rate	**Item Number:** 153
Alternate Names:	Respiratory Rate	
Description:	First recorded respiratory rate in the ED/hospital (expressed as a number per minute).	
Additional Information:	If the patient was first examined in the ED or admitted as an in-patient through the ED, use the ED value.	
	If the patient was a direct admission, use the first recorded in-hospital value.	
	If the respiratory rate was not recorded, report as 'Not Known'.	
	If available, complete additional field: "Initial ED/Hospital Respiratory Assistance."	
	Please note that first recorded/hospital vitals do not need to be from the same assessment.	
Allowable Value Information:	Relevant Value	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	Provides documentation of assessment and care.	
	Used for quality management for the evaluation of care and EMS agency performance.	
	Used to calculated Revised Trauma Score - ED (adult and pediatric)	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: ED_06	
References:	NTDS 2017 ED_06	

XML Specifications:	Element Name(Tag): RespiratoryRate	ID: ED_06
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 120	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial ED / Hospital Arrival Date	**Item Number:** 154
Description:	The date the patient arrived at the ED/hospital.	
Additional Information:	If the patient was brought to the ED, enter the date the patient arrived at the ED.	
	If the patient was directly admitted to the hospital, enter the date the patient was admitted to the hospital.	
Allowable Value Information:	Month - 2 digits. Valid values range from 01 to 12.	
	Day - 2 digits. Valid values range from 01 to 31.	
	Year - 4 digits. Valid values range from 2006 to 9999.	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	Allows data to be sorted based upon total length of hospital stay.	
	Used to auto-generate two additional calculated fields: Total EMS Time and Total Length of Hospital Stay	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: ED_01	
References:	NTDS 2017 ED_01	

XML Specifications:	Element Name(Tag): HospitalArrivalDate ID: ED_01
	Required: Yes Data Type: xs:date Multiple Entry: No
	Accepts Common Nulls: Yes Minimum: 1/1/1993 Maximum: 1/1/2030
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Initial ED / Hospital Arrival Time	**Item Number:** 155

Description:	The time the patient arrived to the ED/hospital.

Additional Information:	Collected in military time.
	If the patient was brought to the ED, enter the time the patient arrived at the ED.
	If the patient was directly admitted to the hospital, enter the time the patient was admitted to the hospital.

Allowable Value Information:	Hour: valid values are from 00 to 23
	Minute: valid values are from 00 to 59

Allowable Null Values:	2 Not Known
Submitted By:	Hospitals
Uses:	Used to auto-generate two additional calculated fields: Total EMS Time and Total Length of Hospital Stay
ITR Requirement:	Required
NTDB Requirement:	Yes Identifier: ED_02
References:	NTDS 2017 ED_02

XML Specifications:	Element Name(Tag): HospitalArrivalTime	ID: ED_02
	Required: Yes Data Type: xs:time Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Initial Hospital / ED Vital Signs / Medical Screening Exam Date	**Item Number:** 151
Description:	The date the initial vital signs or medical screening exam occurred.	
Additional Information:	If the vital signs and medical screening exam dates are collected separately, choose the earliest date.	
	If the date is not recorded, enter 'Not Known'.	
Allowable Value Information:	Month - 2 digits. Valid values range from 01 to 12.	
	Day - 2 digits. Valid values range from 01 to 31.	
	Year - 4 digits. Valid values range from 2006 to 9999.	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	Quality improvement initiatives.	
ITR Requirement:	Required	
NTDB Requirement:	No	

XML Specifications:	Element Name(Tag): MSEDate	ID: ED_1022
	Required: Yes Data Type: xs:datetime Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1/1/1990 Maximum: 1/1/2030	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Initial Hospital / ED Vital Signs / Medical Screening Exam Time	**Item Number:** 152
Description:	The time the initial vital signs were recorded and/or medical screening exam occurred.	
Additional Information:	Collected as military time.	
	If the initial vital signs and medical screening exam occurred separately, choose the earliest time.	
	If the time was not recorded, enter 'Not Known'.	
Allowable Value Information:	Hour: Valid values are from 00 to 23.	
	Minute: Valid values are from 00 to 59.	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	Quality improvement initiatives.	
ITR Requirement:	Required	
NTDB Requirement:	No	

XML Specifications:	Element Name(Tag): MSETime	ID: ED_1020
	Required: Yes Data Type: xs:time Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Drug Screen	**Item Number:** 99
Alternate Names:	Drug Use Indicator	
Description:	First recorded positive drug screen results within 24 hours after first hospital encounter (select all that apply).	

Additional Information: Record positive drug screen results within 24 hours after first hospital encounter, at either your facility or the transferring facility.

"None" is reported for patients whose only positive results are due to drugs administered at any facility (or setting) treating this patient event, or for patients who were tested and had no positive results.

If multiple drugs are detected, only report drugs that were not administered at any facility (or setting) treating this patient event.

Allowable Values:

1	AMP (Amphetamine)
2	BAR (Barbiturate)
3	BZO (Benzodiazepines)
4	COC (Cocaine)
5	mAMP (Methamphetamine)
6	MDMA (Ecstasy)
7	MTD (Methadone)
8	OPI (Opioid)
9	OXY (Oxycodone)
10	PCP (Phencyclidine)
11	TCA (Tricyclic Antidepressant)
12	THC (Cannabinoid)
13	Other
14	None
15	Not Tested

Allowable Null Values: 2 Not Known

Submitted By: Hospitals

Uses: Sort data by drug use indicator.

ITR Requirement: Required

NTDB Requirement: Yes Identifier: ED_17

References: NTDS 2017 ED_17

XML Specifications:	Element Name(Tag): DrugScreen	ID: ED_17
	Required: Yes Data Type: xs:integer Multiple Entry: Yes Max: 15	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 15	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Alcohol Use Indicator	**Item Number:** 100a
Alternate Names:	Alcohol Screen	
Description:	A blood alcohol concentration (BAC) test was performed on the patient within 24 hours after first hospital encounter.	
Additional Information:	Blood alcohol concentration (BAC) may be documented at any facility (or setting) treating this patient event.	
	'Beyond legal limit' is considered to be above the legal limit for Idaho.	
	If alcohol use is suspected, but not confirmed by test, record null value "Not Known."	
Allowable Values:	1 Yes	
	2 No	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	Sort data by alcohol use indicator	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: ED_18	
References:	NTDS 2017 ED_18	

XML Specifications:	Element Name(Tag): AlcoholUseIndicators	ID: ED_18
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 2	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Alcohol Screen Results	**Item Number:** 100b
Description:	First recorded blood alcohol concentration (BAC) results within 24 hours after first hospital encounter.	
Additional Information:	Collect as X.XX standard lab value (e.g. 0.08).	
	Record BAC results within 24 hours after first hospital encounter, at either your facility or the transferring facility.	
	The null value "Not Applicable" is used for those patients who were not tested.	

Allowable Null Values:	1	Not Applicable
	2	Not Known
Submitted By:	Hospitals	
ITR Requirement:	Supplemental	
NTDB Requirement:	Yes	Identifier: ED_19
References:	NTDS 2017 ED_19	

XML Specifications:	Element Name(Tag): AlcoholScreenResults ID: ED_19
	Required: Yes Data Type: xs:decimal Multiple Entry: No
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 1
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Type of Injury	**Item Number:** 101
Description:	The type of force that caused the injury.	

Additional Information:	If there was more than one force, choose the one that caused the most severe injury.
	Blunt injuries are caused by compression and change of speed. Common causes of blunt injuries are motor vehicle collisions and falls.
	Compression injuries include contusions, lacerations of solid organs, rupture of hollow organs, tissues that are stretched/crushed/ruptured/lacerated/sheared from points of attachment, and fractures.
	Penetrating injuries are caused by crushing and stretching forces. Common causes of penetrating injuries are gun shots, stabbings and impalements.
	Temporary or permanent cavitation result from penetrating injuries.
	Other injuries include bites and stings.

Allowable Values:	1	Blunt
	2	Penetrating
	3	Burn
	4	Other (e.g. near-drowning, asphyxiation, electrocution, foreign-body obstruction, bites, stings etc.)
Allowable Null Values:	2	Not Known

Submitted By:	Hospitals
Uses:	Sort data by type of injury
	Determines coefficient used for probability of survival scores.
ITR Requirement:	Required
NTDB Requirement:	No
References:	Mosby's Paramedic Textbook. Sanders, 1995.

XML Specifications:	Element Name(Tag): InjuryType	ID: DG_1000
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 4	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	ICD-10 Primary External Cause Code	**Item Number:** 102a
Alternate Names:	Primary Cause of Injury - ICD-10	
Description:	External cause code used to describe the mechanism (or external factor) that caused the injury event.	
Additional Information:	The primary external cause code should describe the main reason a patient is admitted to the hospital.	
	ICD-10-CM codes will be accepted for this data element. Activity codes should not be reported in this field.	
Allowable Value Information:	Relevant ICD-10-CM code value for injury event.	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	External cause codes are used to auto-generate two calculated fields: Trauma Type (Blunt, Penetrating, Burn) and Intentionality (based upon CDC matrix).	
	Allows injuries to be characterized by mechanism of injury	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: I_06	
References:	NTDS 2017 I_06	

XML Specifications:	Element Name(Tag): PrimaryECodeIcd10	ID: I_06
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	ICD-10 Additional External Cause Code	**Item Number:** 131a
Alternate Names:	Additional Cause of Injury - ICD-10	
Description:	Additional External Cause Code used in conjunction with the Primary External Cause Code if multiple external cause codes are required to describe the injury event.	
Additional Information:	Only ICD-10-CM codes will be accepted for Additional External Cause Code.	
	Activity codes should not be reported in this field.	
Allowable Value Information:	Relevant ICD-10-CM code value for injury event	
Allowable Null Values:	2 Not Known	
Submitted By:	Hospitals	
Uses:	External cause codes are used to auto-generate two calculated fields: Trauma Type: (Blunt, Penetrating, Burn) and Intentionality (based upon CDC matrix).	
	Allows injuries to be characterized by external cause or presence of a mass casualty event.	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: I_08	
References:	NTDS 2017 I_08	

XML Specifications:	Element Name(Tag): AdditionalECodeIcd10	ID: I_08
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	ICD-10 Injury Diagnosis	**Item Number:** 103a
Alternate Names:	Injury Diagnosis - ICD-10	
Description:	Diagnoses related to all identified injuries.	
Additional Information:	ICD-10-CM codes pertaining to other medical conditions (e.g., CVA, MI, co-morbidities, etc.) may also be included in this field.	
Allowable Value Information:	Injury diagnoses as defined by ICD-10-CM code range S00-S99, T07, T14, T20-T28 and T30-T34,T68,T71,T75,T79.	
Submitted By:	Hospitals	
Uses:	Allows injuries to be characterized by ICD-10 diagnostic codes	
	Used to auto-generate additional calculated fields: Abbreviated Injury Scale (six body regions) and Injury Severity Score.	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: DG_02	
References:	NTDS 2017 DG_02	

XML Specifications:	Element Name(Tag): DiagnosisIcd10	ID: DG_02
	Required: Yes Data Type: xs:string Multiple Entry: Yes Max: 50	
	Accepts Common Nulls: Yes Minimum: 3 Maximum: 8	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	AIS Predot Code	**Item Number:** 105a
Description:	Abbreviated Injury Scale (AIS) predot codes that reflect a patient's injuries.	

Additional Information:

The AIS is an anatomically-based injury classification system that assigns a unique six-digit numerical code to each injury. A seventh digit, to the right of the decimal point, is the injury severity.

The AIS code describes an injury in terms of its anatomical location, specific lesion, and relative severity, but does not measure impairment / disability resulting from the injury.

Digit 1 = Body Region (e.g. head, thorax, upper extremity)

Digit 2 = Type of Structure (e.g.vessel, bone, organ)

Digits 3 & 4 = Specific Anatomic Structure (e.g. radius, maxillary sinus)

Digits 5 & 6 = Level of Injury (e.g. open, distal, % compression)

Allowable Value Information:	All possible 6-digit AIS predot codes
Submitted By:	Hospitals
Uses:	Sort data by types of injuries.
	Sort data by severity of injuries.
ITR Requirement:	Required
NTDB Requirement:	Yes Identifier: IS_01
References:	AIS 2005: Abreviated Injury Scale 2005: Update 2008, Association for the Advancement of Automotive Medicine (2008).
	NTDS 2017 IS_01

XML Specifications:	Element Name(Tag): AisPredot	ID: IS_01
	Required: Yes Data Type: xs:string Multiple Entry: Yes Max: 50	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	AIS Severity	**Item Number:** 105b

Description: The Abbreviated Injury Scale (AIS) severity score that reflects the severity of a patient's injuries.

Additional Information: If AIS-recognized injury combinations are being coded, the severity score is only assigned once. For example, if a patient sustains rib fractures and a hemothorax, the severity score is assigned to the chest.

Allowable Values:

0	Assigned to all but the most serious injury for AIS injury combinations
1	Minor Injury
2	Moderate Injury
3	Serious Injury
4	Severe Injury
5	Critical Injury
6	Maximum Injury, Virtually Unsurvivable
9	Not Possible to Assign

Allowable Null Values: 2   Not Known

Submitted By: Hospitals

Uses: Allows data to be used to characterize patient and hospital outcomes based upon the presence, severity and types of injury.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: IS_02

References: NTDS 2017 IS_02

XML Specifications:	Element Name(Tag): AisSeverity	ID: IS_02
	Required: Yes Data Type: xs:integer Multiple Entry: Yes Max: 50	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 9	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	ISS Body Region	**Item Number:** 105c

Description: The Injury Severity Score (ISS) body region codes that reflect the areas of the body injured.

Additional Information: This data element is required by ITR but NTDB doesn't require it for submission to NTDB.

Allowable Values:

1	Head or Neck
2	Face
3	Chest
4	Abdominal or Pelvic Contents
5	Extremities or Pelvic Girdle
6	External

Allowable Null Values:

2	Not Known

Submitted By: Hospitals

Uses: Allows data to be used to characterize patient and hospital outcomes based upon the presence, severity and type of injury.

ITR Requirement: Required

NTDB Requirement: No

References: NTDS 2015 IS_03

XML Specifications: Element Name(Tag): IssRegion   ID: IS_03

Required: Yes   Data Type: xs:integer   Multiple Entry: Yes   Max: 50

Accepts Common Nulls: Yes   Minimum: 1   Maximum: 6

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	AIS Version	**Item Number:** 105d

Description: The software (and version) used to calculate Abbreviated Injury Scale (AIS) severity codes.

Additional Information: This element is required by ITR but NTDB considers it optional for reporting to NTDB.

Allowable Values: 6   AIS 05, Update 08

Submitted By: Hospitals

Uses: Allows the software AIS version to be captured.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: IS_03

References: NTDS 2017 IS_03

XML Specifications:

Element Name(Tag): AisVersion   ID: IS_1002

Required: Yes   Data Type: xs:integer   Multiple Entry: No

Accepts Common Nulls: Yes   Minimum: 1 Maximum: 15

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Injury Severity Score	**Item Number:** 106
Alternate Names:	Locally Calculated ISS	
Description:	The Injury Severity Score (ISS) is a summary score for traumatic injuries.	
Additional Information:	ISS is calculated as the sum of the squares of the AIS severity scores for the three highest scoring body regions.	
	The six ISS body regions are: Head / Neck, Face, Thorax, Abdominal and Pelvic Contents, Limbs, and Skin.	
	The calculation is: ISS = (Highest AIS severity score in 1st region)² + (Highest AIS severity score in 2nd region)² + (Highest AIS severity score in 3rd region)².	
	This element is required by ITR but NTDB doesn't require it for submission to NTDB.	
Allowable Value Information:	1 (Minor) to 75 (Almost Always Fatal)	
Allowable Null Values:	3 Not Calculated	
Submitted By:	Hospitals	
Uses:	Sort data based on injury severity.	
	Calculate TRISS	
ITR Requirement:	Calculated	
NTDB Requirement:	No	
References:	NTDS 2015 IS_05	

XML Specifications:	Element Name(Tag): IssLocal	ID: IS_05
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 75	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	TRISS	**Item Number:** 107
Alternate Names:	Probability of Survival	

Description:

TRISS is a method used to estimate probability of survival (Ps) as a function of injury severity (ISS), revised trauma score (RTS), patient age, and type of injury (blunt or penetrating), using a logistic model. $Ps = 1 / (1 + e^{-b})$, where $e = 2.7183$ and $b = b0 + b1 (RTS) + b2 (ISS) + b3 (AGE)$ where b0, b1, b2, and b3 are weights derived from study data; RTS is the Revised Trauma Score on Admission; ISS is the Injury Severity Score; and AGE = 1 if patient age is over 54 years, and AGE = 0 if patient age is 54 years or less.

The TRISS regression weights for AIS-90 based norms are defined below:

	b0	b1 (RTS)	b2(ISS)	b3(AGE*)
Blunt	-.4499	0.8085	-0.0835	-1.7430
Penetrating	-2.5355	0.9934	-0.0651	-1.1360

The adult blunt-injured coefficients (AGE=0) are also for both blunt and penetrating-injured pediatric patients (<15 years old).

TRISS willl be calculated only if GCS, SBP, unassisted respiratory rate, AIS with sufficient injury detail to prevent AIS=9, age and type of injury are recorded.

Allowable Value Information:	Allowable values range from 0 to 1
Allowable Null Values:	3 Not Calculated
Submitted By:	Hospitals
Uses:	Sort data by probability of survival scores.
	Quality improvement initiatives.
ITR Requirement:	Calculated
NTDB Requirement:	No
References:	Champion, Sacco, Copes: Injury Severity Scoring Again. J Trauma 38:94, 1995

XML Specifications:	Element Name(Tag): Triss	ID: IS_1001
	Required: Yes Data Type: xs:decimal Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 0 Maximum: 1	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Hospital Discharge Disposition	**Item Number:** 115

Description: The disposition of the patient when discharged from the hospital.

Additional Information: Field value = 6, "home" refers to the patient's current place of residence (e.g., prison, Child Protective Services etc.)

Field values based upon UB-04 disposition coding.

Disposition to any other non-medical facility should be coded as 6.

Disposition to any other medical facility should be coded as 14.

The null value "Not Applicable" is used if ED Discharge Disposition = 5 (Deceased/Expired).

The null value "Not Applicable" is used if If ED Discharge Disposition = 4,6,9,10, or 11.

Allowable Values:

1	Discharged/Transferred to a short-term general hospital for inpatient care
2	Discharged/Transferred to an Intermediate Care Facility(ICF)
3	Discharge/Transferred to home under care of organized home health service
4	Left against medical advice or discontinued care
5	Deceased/Expired
6	Discharged home or self care (routine discharge)
7	Discharged/Transferred to Skilled Nursing Facility(SNF)
8	Discharged/Transferred to hospice care
10	Discharged/Transferred to court/law enforcement
11	Discharged/Transferred to inpatient rehab or designated unit
12	Discharged/Transferred to Long Term Care Hospital (LTCH)
13	Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital
14	Discharged/Transferred to another type of institution not defined elsewhere

Allowable Null Values:

1	Not Applicable
2	Not Known

Submitted By: Hospitals

Uses: Indicator of patient functional status at hospital discharge.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: O_05

References: NTDS 2017 O_05

XML Specifications:	Element Name(Tag): HospitalDischargeDisposition	ID: O_05
	Required: Yes Data Type: xs:integer Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1 Maximum: 14	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Hospital Discharge Date	**Item Number:**	122

Alternate Names:	Date Discharged from Hospital
Description:	Date the patient was discharged from the hospital or died.
Additional Information:	The null value "Not Applicable" is used if ED Discharge Disposition = 5 (Deceased/Expired).
	The null value "Not Applicable" is used if If ED Discharge Disposition = 4,6,9,10, or 11.
Allowable Value Information:	Month – 2 digits. Valid values range from 01 to 12.
	Day – 2 digits. Valid values range from 01 to 31.
	Year – 4 digits. Valid values range from 2006 to 9999.
Allowable Null Values:	1 Not Applicable
	2 Not Known
Submitted By:	Hospitals
	Idaho Bureau of Health Policy and Vital Statistics
Uses:	Linking element.
	Used to auto-generate an additional calculated field: Total Length of Hospital Stay (elapsed time from ED/hospital arrival to hospital discharge).
	Provides a rough estimate of severity of injury and resource utilization.
ITR Requirement:	Required
NTDB Requirement:	Yes Identifier: O_03
References:	NTDS 2017 O_03

XML Specifications:	Element Name(Tag): HospitalDischargeDate	ID: O_03
	Required: Yes Data Type: xs:date Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 1/1/1990 Maximum: 1/1/2030	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Hospital Discharge Time	**Item Number:**	123

Alternate Names: Time Discharged from Hospital

Description: Time patient was discharged from the hospital or died.

Additional Information: Collected as military time.

The null value "Not Applicable" is used if ED Discharge Disposition = 5 (Deceased/Expired).

The null value "Not Applicable" is used if ED Discharge Disposition = 4,6,9,10, or 11.

Allowable Value Information: Hour: Valid values are from 00 to 23.

Minute: Valid values are from 00 to 59.

Allowable Null Values:

1	Not Applicable
2	Not Known

Submitted By: Hospitals

Idaho Bureau of Health Policy and Vital Statistics

Uses: Linking element.

Used to auto-generate an additional calculated field: Total Length of Hospital Stay (elapsed time from ED/hospital arrival to hospital discharge).

Provides a rough estimate of severity of injury and resource utilization.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: O_04

References: NTDS 2017 O_04

XML Specifications:	Element Name(Tag): HospitalDischargeTime	ID: O_04
	Required: Yes Data Type: xs:time Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Patient's Home Country	**Item Number:** 139
Description:	The country where the patient resides.	
Additional Information:	Only completed when ZIP code is "Not Recorded/Not Known."	
Allowable Value Information:	Relevant value (two digit alpha country code).	
Allowable Null Values:	1 Not Applicable	
	2 Not Known	
Submitted By:	Hospitals	
Uses:	Allows data to be sorted based upon the geographic location of the patient's home.	
ITR Requirement:	XML Only	
NTDB Requirement:	Yes Identifier: D_02	
References:	NEMSIS V 2.2.1 E06_09	
	NTDS 2017 D_02	

XML Specifications:	Element Name(Tag): HomeCountry	ID: D_02
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes Minimum: 2 Maximum: 2	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Patient's Home County	**Item Number:** 140
Description:	The patient's county (or parish) of residence.	
Additional Information:	Only completed when ZIP code is "Not Recorded/Not Known."	
Allowable Value Information:	Relevant value (three digit FIPS code).	
Allowable Null Values:	1 Not Applicable	
	2 Not Known	
Submitted By:	Hospitals	
Uses:	Allows data to be sorted based upon the geographic location of the patient's home.	
	Used to calculate FIPS code.	
ITR Requirement:	XML Only	
NTDB Requirement:	Yes Identifier: D_04	
References:	NEMSIS V 2.2.1 E06_06	
	NTDS 2017 D_04	

XML Specifications:	Element Name(Tag): HomeCounty	ID: D_04
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Patient's Home City	**Item Number:** 141
Description:	The patient's city (or township, or village) or residence.	
Additional Information:	Only completed when ZIP code is "Not Recorded/Not Known."	
	Not Applicable	
	Not Known	
Allowable Value Information:	Relevant value (five digit FIPS code).	
Submitted By:	Hospitals	
Uses:	Allow data to be sorted based upon the geographic location of the patient's home.	
	Used to calculate FIPS code.	
ITR Requirement:	XML Only	
NTDB Requirement:	Yes Identifier: D_05	
References:	NEMSIS V 2.2.1 E06_05	
	NTDS 2017 D_05	

XML Specifications:	Element Name(Tag): HomeCity ID: D_05
	Required: Yes Data Type: xs:string Multiple Entry: No
	Accepts Common Nulls: Yes
	XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Patient's Home State	**Item Number:** 142
Description:	The state (territory, province, or District of Columbia) where the patient resides.	
Additional Information:	Only completed when ZIP code is "Not Recorded/Not Known."	
Allowable Value Information:	Relevant value (two digit numeric FIPS code)	
Allowable Null Values:	1 Not Applicable	
	2 Not Known	
Submitted By:	Hospitals	
Uses:	Allows data to be sorted based upon the geographic location of the patient's home.	
	Used to calculate FIPS code.	
ITR Requirement:	XML Only	
NTDB Requirement:	Yes Identifier: D_03	
References:	NEMSIS V 2.2.1 E06_07	
	NTDS 2017 D_03	

XML Specifications:	Element Name(Tag): HomeState	ID: D_03
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Incident City	**Item Number:**	143

Description:	The city or township where the patient was found or to which the unit responded.
Additional Information:	Only complete when the incident zip code is "Not Known".
	If incident location resides outside of formal city boundaries, report nearest city/town.
Allowable Value Information:	Relevant value (five digit FIPS code).
Allowable Null Values:	1 Not Applicable
	2 Not Known
Submitted By:	Office of Highway Safety
	Hospitals
	Idaho Emergency Medical Services Bureau
Uses:	Used to generate FIPs codes.
	Allows data to be sorted based upon the geographic location of the injury event.
ITR Requirement:	Required
NTDB Requirement:	Yes Identifier: I_13
References:	NEMSIS V 2.2.1 E08_12
	NTDS 2017 I_13

XML Specifications:	Element Name(Tag): IncidentCity	ID: I_13
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Exact Match to NTDB Element	

Data Item Name:	Incident Country	**Item Number:** 144

Description: The country where the patient was found or to which the unit responded (or best approximation).

Only complete when Incident Locate ZIP is 'Not Applicable,' 'Not Recorded', or 'Not Known.'

Values are two character fields representing a country (e.g. US).

Additional Information: Only completed when Incident Location ZIP code is "Not Applicable" or "Not Recorded/Not Known."

Allowable Value Information: Relevant value (two digit alpha country code).

Allowable Null Values:
1   Not Applicable

2   Not Known

Submitted By: Hospitals

Idaho Emergency Medical Services Bureau

Uses: Allows data to be sorted based upon the geographic location of the injury event.

ITR Requirement: XML Only

NTDB Requirement: Yes   Identifier: I_10

References: NTDS 2017 I_10

XML Specifications: Element Name(Tag): IncidentCountry   ID: I_10

Required: Yes   Data Type: xs:string   Multiple Entry: No

Accepts Common Nulls: Yes

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Incident State	**Item Number:** 145

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

Additional Information: Only completed when Incident Location ZIP code is "Not Applicable" or "Not Recorded/Not Known."

Allowable Value Information: Relevant value (two digit numeric FIPS code).

Allowable Null Values:
1   Not Applicable

2   Not Known

Submitted By: Hospitals

Idaho Emergency Medical Services Bureau

Uses: Allows data to be sorted based upon the geographic location of the injury event.

ITR Requirement: Required

NTDB Requirement: Yes   Identifier: I_11

References: NEMSIS V 2.2.1 E08_14

NTDS 2017 I_11

XML Specifications:

Element Name(Tag): IncidentState   ID: I_11

Required: Yes   Data Type: xs:string   Multiple Entry: No

Accepts Common Nulls: Yes

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Incident Location ZIP Code	**Item Number:** 146
Description:	The ZIP code of the incident location.	
Additional Information:	Can be stored as a 5 or 9 digit zip code (XXXXX-XXXX).	
	If 'Not Applicable' or 'Not Known' complete variables: Incident State, Incident Country, Incident City, and Incident Country.	
Allowable Value Information:	Relevant value (five or nine digit zip code).	
Allowable Null Values:	1 Not Applicable	
	2 Not Known	
Submitted By:	Hospitals	
	Idaho Emergency Medical Services Bureau	
Uses:	Allows data to be sorted based upon the geographic location of the injury event.	
ITR Requirement:	Required	
NTDB Requirement:	Yes Identifier: I_09	
References:	NEMSIS V 2.2.1 E08_15	
	NTDS 2017 I_09	

XML Specifications:

Element Name(Tag): InjuryZip   ID: I_09

Required: Yes   Data Type: xs:zip   Multiple Entry: No

Accepts Common Nulls: Yes

XML Qualifier: ITR Exact Match to NTDB Element

Data Item Name:	Registrar

Item Number: 156

Description:	The name of the registrar abstracting the trauma case for submission to ITR.
Allowable Value Information:	Registrar Name
Submitted By:	Hospitals
Uses:	To identify the registrar abstracting data for a trauma case.
	Provide QC feedback.
	Request case clarification information.
ITR Requirement:	Required
NTDB Requirement:	No

XML Specifications:	Element Name(Tag): Registrar	ID: H_1010
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: No	
	XML Qualifier: ITR Additional XML Element	

Data Item Name:	Diagnosis Memo

Item Number: 157

Description:	Text field providing space for registrars to add clarifying information for diagnosis-related ICD-10 codes.
Additional Information:	This field can be used to describe injuries for which ICD-9 codes have not been submitted.
Allowable Value Information:	Text registrars wish to submit to clarify patient injuries.
Submitted By:	Hospitals
Uses:	Clarify patient injuries.
ITR Requirement:	Optional
NTDB Requirement:	No

XML Specifications:

Element Name(Tag): DiagnosisMemo

ID: DG_1001

Required: Yes   Data Type: xs:string   Multiple Entry: No

Accepts Common Nulls: Yes

XML Qualifier: ITR Additional XML Element

Data Item Name:	Injury Description	**Item Number:** 158
Description:	Text field for describing the circumstances surrounding an injury that are used for External Cause Coding (what happened and where it happened).	
Allowable Value Information:	Text describing injury circumstances.	
Submitted By:	Hospitals	
Uses:	Provide information that can be used to check E-Codes that have been submitted.	
	Assign E-Codes if they have not been submitted.	
ITR Requirement:	Supplemental	
NTDB Requirement:	No	

XML Specifications:	Element Name(Tag): InjuryDescriptionText	ID: I_1002
	Required: Yes Data Type: xs:string Multiple Entry: No	
	Accepts Common Nulls: Yes	
	XML Qualifier: ITR Additional XML Element	