Tennessee National Incident Based Reporting System (TIBRS) Data Submission IEPD 2.1

Master Document

May 21, 2021

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Beyond 20/20

**Tennessee National Incident Based Reporting System (TIBRS) Data Submission IEPD Version 2.1**

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# Introduction

This document describes how the Tennessee data requirements differ from standard NIBRS, as defined by the FBI, and how these are to be contained within the XML submitted files. The standard NIBRS documentation is included in the file nibrs\_MasterDocument.pdf, and this information is not repeated here.

This version of the Tennessee IEPD is derived from the FBI NIBRS IEPD (2019 v1.0). All fields, logic and code lists that are not state-specific are included in the standard NIBRS files included in this package. The IEPD consists of several different files. Where possible, the files from the FBI are unchanged, and the state-specific elements are described in additional files.

# Purpose and Scope

The purpose of the Tennessee 2.1 IEPD is to provide law enforcement agencies documentation that lists exchange specifications to be used for the exchange of complete, accurate, and timely criminal justice information, which is classified as Law Enforcement Sensitive, Sensitive But Unclassified, or Controlled Unclassified Information. This release of the TIBRS IEPD extends the NIBRS IEPD by providing additional documentation and schemas.

# List of Artifacts

|  |  |
| --- | --- |
| **Artifact Name** | **Purpose** |
| docs/IEPD/2.1/documents/tibrsMasterDocumentation.docx | This document |
| docs/IEPD/2.1/documents/TN File Layout – May 2021.xlsx | Tennessee NIBRS Technical Specification |
| docs/IEPD/2.1/iep-sample/\*.xml | All sample files |
| docs/IEPD/2.1/base-xsd/tnibrs/2.1/tnibrs-codes.xsd | TIBRS Specific Codes |
| docs/IEPD/2.1/base-xsd/tnibrs/2.1/tnibrs.xsd | TIBRS Schema Validation |
| docs/IEPD/2.1/tibrs\_changelog.txt | TIBRS Change log |
| docs/IEPD/2.1/readme.txt | IEPD Content Listing |
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# TIBRS Extension XML Schemas

The TIBRS schemas that extend the NIBRS IEPD schemas are found in the base-xsd/tnibrs/2.1/ directory of the IEPD directory structure.

# State-Specific Elements

The following tables list the state-specific XML Data Elements and the TIBRS Data Elements to which they correspond:

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| Administrative Segment | |
| XML Data Element | **Field** |
| nc:Incident/tnibrs:IncidentLocation/tnibrs:Coordinates/tnibrs:Latitude | TN23 Incident Latitude |
| nc:Incident/tnibrs:IncidentLocation/tnibrs:Coordinates/tnibrs:Longitude | TN24 Incident Longitude |
| nc:Incident/tnibrs:IncidentLocation/tnibrs:Address/tnibrs:StreetNumber | TN32 Incident Address – street number |
| nc:Incident/tnibrs:IncidentLocation/tnibrs:Address/tnibrs:StreetName | TN32 Incident Address – address1 |
| nc:Incident/tnibrs:IncidentLocation/tnibrs:Address/tnibrs:StreetNameExtension | TN32 Incident Address – address2 |
| nc:Incident/tnibrs:IncidentLocation/tnibrs:Address/tnibrs:CityName | TN32 Incident Address – city |
| nc:Incident/tnibrs:IncidentLocation/tnibrs:Address/tnibrs:StateCode | TN32 Incident Address – state |
| nc:Incident/tnibrs:IncidentLocation/tnibrs:Address/tnibrs:ZipCode | TN32 Incident Address – zip code |
| nc:Incident/tnibrs:UseOfForce | TN51 Use of Force |
| nc:Incident/tnibrs:UseOfForceIncidentNumber | TN52 Incident Number of Use of Force Incident |
| nc:Incident/tnibrs:Narrative | Not in Technical specification |

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| Offense Segment | |
| XML Data Element | **Field** |
| j:Offense/tnibrs:OffenseUCRCode | DE6 UCR Offense Code, with state-specific values |
| j:Offense/tnibrs:HomeInvasion | TN21 Home Invasion |
| j:Offense/tnibrs:GangInvolvement/tnibrs:GangActivity | TN16 Gang Activity |
| j:Offense/tnibrs:GangInvolvement/tnibrs:GangDetails/tnibrs:GangType | TN17 Type of Gang #1  TN19 Type of Gang #2 |
| j:Offense/tnibrs:GangInvolvement/tnibrs:GangDetails/tnibrs:GangName | TN18 Gang Name #1  TN20 Gang Name #2 |
| j:Offense/tnibrs:DrugInvolvement/tnibrs:DrugRelated | TN28 Drug Related |
| j:Offense/tnibrs:DrugInvolvement/tnibrs:OffenseDrugType | TN29 Drug Type |
| j:Offense/tnibrs:DrugInvolvement/tnibrs:DrugOrigin | TN30 Origin of Drug |
| j:Offense/tnibrs:DrugInvolvement/tnibrs:DrugPrecursor | TN31 Precursors |
| j:Offense/tnibrs:IdentityTheft | TN47 Identity Theft Flag |
| j:Offense/tnibrs:Cybercrime | TN53 Cybercrime Flag |
| j:Offense/nc:Location/tnibrs:LocationCategoryCode | DE9 Location Type, with state-specific values |

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| Property Segment | |
| XML Data Element | **Field** |
| nc:Item/tnibrs:ItemPropertyCategoryCode | DE15 Property Description, with state-specific values |
| nc:Substance/tnibrs:ItemPropertyCategoryCode | DE15 Property Description, with state-specific values |
| nc:Substance/tnibrs:MarijuanaPlotsSeized | TN02 Number of Marijuana Plots Seized |
| nc:Substance/tnibrs:MarijuanaSeizureLocation | TN01 Location Type of Marijuana Seizure |
| nc:Substance/tnibrs:DrugCategoryCode | TN20 Suspected Drug Type, with state-specific values |
| tnibrs:ItemOffenseAssociation/nc:Item | TN50 UCR Offense Code |
| tnibrs:ItemOffenseAssociation/j:Offense | TN50 UCR Offense Code |

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| Victim Segment | |
| XML Data Element | **Field** |
| j:SubjectVictimAssociation/tnibrs:VictimToSubjectRelationshipCode | DE35 Relationship of Victim to Offender, with state-specific values |
| j:Victim/tnibrs:SchoolVictim/tnibrs:SchoolCode | TN08 School Code |
| j:Victim/tnibrs:SchoolVictim/tnibrs:OnCampus | TN09 Campus Type |
| j:Victim/tnibrs:SchoolVictim/tnibrs:VictimClassificationCode | TN10 Classification |
| j:Victim/tnibrs:DomesticViolenceVictim/tnibrs:DomesticViolence | TN34 Domestic Violence |
| j:Victim/tnibrs:DomesticViolenceVictim/tnibrs:Transportation | TN11 Transportation |
| j:Victim/tnibrs:DomesticViolenceVictim/tnibrs:OrderOfProtectionViolation | TN22 Violation of Order of Protection |
| j:Victim/tnibrs:DomesticViolenceVictim/tnibrs:PreviousDomesticViolenceVictim | TN35 Previous Domestic Violence Victim |

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| Arrestee Segment | |
| XML Data Element | **Field** |
| j:Arrest/j:ArrestCharge/tnibrs:ChargeUCRCode | DE45 UCR Arrest Offense Code, with state-specific values |
| j:Arrest/tnibrs:ArrestCategoryCode | DE43 Type of Arrest, with state-specific values |
| j:Arrestee/tnibrs:WarrantCode | TN13 Warrant Type |
| j:Arrestee/tnibrs:StateControlNumber | TN14 State Control Number |
| j:Arrestee/tnibrs:PreviousDomesticViolenceArrest | TN36 Previous Domestic Violence Arrest |
| j:Arrestee/tnibrs:ArresteeName | TN15 Arrestee Name |
| j:Arrestee/tnibrs:ArresteeDateOfBirth | TN26 Arrestee Date of Birth |

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| Group B Arrestee Segment | |
| XML Data Element | **Field** |
| j:Arrestee/tnibrs:StateControlNumber | TN14 State Control Number |
| j:Arrestee/tnibrs:ArresteeName | TN15 Arrestee Name |
| j:Arrestee/tnibrs:ArresteeDateOfBirth | TN27 Arrestee Date of Birth |
| j:Arrest/j:ArrestCharge/tnibrs:ChargeUCRCode | DE45 UCR Arrest Offense Code, with state-specific values |
| j:Arrest/tnibrs:ArrestCategoryCode | DE43 Type of Arrest, with state-specific values |
| j:Arrest/tnibrs:ArrestLocation/tnibrs:Coordinates/tnibrs:Latitude | TN23 Arrest Latitude |
| j:Arrest/tnibrs:ArrestLocation/tnibrs:Coordinates/tnibrs:Longitude | TN24 Arrest Longitude |
| j:Arrest/tnibrs:ArrestLocation/tnibrs:Address/tnibrs:StreetNumber | TN32 Incident Address – street number |
| j:Arrest/tnibrs:ArrestLocation/tnibrs:Address/tnibrs:StreetName | TN32 Incident Address – address1 |
| j:Arrest/tnibrs:ArrestLocation/tnibrs:Address/tnibrs:StreetNameExtension | TN32 Incident Address – address2 |
| j:Arrest/tnibrs:ArrestLocation/tnibrs:Address/tnibrs:CityName | TN32 Incident Address – city |
| j:Arrest/tnibrs:ArrestLocation/tnibrs:Address/tnibrs:StateCode | TN32 Incident Address – state |
| j:Arrest/tnibrs:ArrestLocation/tnibrs:Address/tnibrs:ZipCode | TN32 Incident Address – zip code |
| j:Arrest/DUICauseCode | TN48 DUI Cause |

# Business Rules

Please refer to the TIBRS Technical Specification (the document “TN File Layout – May 2021.xlsx”) for all business rules and cardinality information, with the following exceptions.

* **Age of Victim**

For Data Element 26 Age of Victim, the value **FETUS**, and not FE, is to be used along with the values NEONATAL, NEWBORN, BABY and UNKNOWN with XML element nibrs:Report/nc:Person/nc:PersonAgeMeasure/nc:MeasureValueText.

* **Relationship of Victim to Offender**

For Data Element 35 Relationship of Victim to Offender, the value **Child of Ex\_Boyfriend\_Girlfriend**, and not XC, is to be used along with the other NIBRS relationship values with XML element j:SubjectVictimAssociation/tnibrs:VictimToSubjectRelationshipCode.

# Development Resources

MS Visual Studio was used to create, edit, and validate against the XSD file. Fields were derived from the TIBRS Technical Specification documentation.

# Testing and Conformance

Beyond 20/20 has tested the integrity of the IEPD schemas by parsing the sample instances (included in the xml/ directory) with MS Visual Studio.