

Texas Data Broker N-DEx IEPD Guidelines

This document is an addendum to the N-DEx 4.0 IEPD that contains information specific to agencies submitting N-DEx data via the Texas Data Broker. It replaces the file called N-DEx_4.0_readme.txt.

Contents of the IEPD:

base-xsd

This set of folders contains the schema for an N-DEx submission. Use it to test that the XML documents are valid.

documentation

bindings.xjb - use as needed for Java/XML generation

Data_Requirements_Final.pdf - superseded by the Data Broker ICD

N-DEx System Data Integration and Connectivity Checklist - 12052019.pdf - Not applicable to Data Broker participants

N-DEx_4.0_AppendixB_BusinessRules.xlsx - use to interpret business rules

N-DEx_4.0_CMW.xlsx - description of N-DEx elements

N-DEx_4.0_CodeTables.xlsx - lists of N-DEx codes

N-DEx_4.0_High_Level_Model.pdf - use to visualize hierarchy of N-DEx elements

N-DEx_MasterDocument.pdf - list of documents in N-DEx IEPD. Use this document to determine relevance of core IEPD documents.

N-DEx_Data_Integration_FAQs.pdf - may contain useful information, but data submission questions are superseded by Data Broker ICD

nibrs

Flat File to IEPD Mapping with Texas-Specific.xlsx - this contains information on how to map the flat file NIBRS specification to the IEPD XML format. Additional sheets are included to map Texas-Specific NIBRS data. See below.

N-DEx_4.0_CMW_NIBRS.xlsx - the original mapping file, superseded by Flat File to IEPD Mapping with Texas-Specific.xlsx

N-DEx_4.0_CodeTables_NIBRS.xlsx - lists of NIBRS codes

N-DEx_4.0_NIBRS_Submission_Guide.pdf - contains useful information, but data submission process is superseded by Data Broker ICD

The Flat File guidelines (NIBRS and Texas-Specific) are periodically updated and can be found on the DPS website at the following URL: <https://www.dps.texas.gov/section/crime-records-service/nibrs-technical-documentation>

The DPS website also has a guide for mapping the NIBRS offense codes to the CJIS Offense Code Table: <https://www.dps.texas.gov/ucr/documents/txUCROfnsCodeTbl.xlsx>

iep-samples

The samples are useful in visualizing how the schema is used to generate valid XML documents.

mdp-catalog.xml

list of documents in the N-DEx IEPD in XML format.

N-DEx_4.0_mpd-changelog.txt - changes history of N-DEx IEPD

N-DEx_4.0_readme.txt- superseded by this document

NIEM_ConformanceAssertion.pdf - informational

Citations

Contributing agencies that would like to . A citation is defined as “information gathered by an officer during a traffic stop”. To indicate that an incident is a citation, specify “S” (Summoned/Cited) in the j:ArrestCategoryCode element.

<ndex:Submission>

...

<ndex:IncidentReport>

<ndex:Arrest>

...

<j:Arrest>

...

<j:ArrestCategoryCode>S</j:ArrestCategoryCode>

Texas-Specific NIBRS Information

There are two Texas-Specific NIBRS segments that have been mapped to the N-DEx IEPD. The mapping worksheet indicates the specific XML path for each element. The goal was to allow the document to conform to the standard N-DEx IEPD, while incorporating the Texas-Specific fields. That allows the Data Broker to pass the document as-is to N-DEx, while still meeting the state requirements. Most fields mapped directly into the IEPD, however there are a few fields that must be encoded in a specific way to provide the necessary information, because the XML schema did not have a corresponding element.

Segment 8 – Family Violence and Drug Seizures

Positions 1-45 map to the IEPD as described in the mapping worksheet.

Position 46 - Family Violence indicator. This is a Y or N in the flat file format. In the XML format, it is indicated by including the phrase "FAMILY-VIOLENCE-Y" in the Incident Identification s:id attribute for element

ndex:Submission/ndex:IncidentReport/ndex:Incident/nc:Incident/nc:ActivityIdentification/nc:IdentificationID. For example, if the actual ID of the Incident is 12345, and the incident included family violence, the XML would be:

```
<nc:ActivityIdentification><nc:IdentificationID s:id="FAMILY-VIOLENCE-Y-12345">12345</nc:IdentificationID></nc:ActivityIdentification>
```

To indicate that an incident did not include family violence, substitute an N for the Y.

Positions 47-256 - These sections contain up to 17 seized drugs. In XML, each seized drug should be a separate nc:Drug item (ndex:Submission/ndex:IncidentReport/ndex:Item/nc:Drug). The flat file format used a whole number and fraction to represent the quantity - the XML format uses a decimal value. For example, if the flat file had 1 for the quantity and 175 for the fraction, the XML would contain 1.175 in the MeasureDecimalValue element.

Positions 257-264

The flat file format specified a number of each type of drug manufactured. The XML format does not allow this, so the number of locations will be indicated in the s:id attribute by appending an "X" followed by the number of locations of that type. See below for the ID naming conventions.

Texas requires more detailed information about the type of drug manufacturing areas than the NIBRS codes allow. The element `ndex:Submission/ndex:IncidentReport/ndex:Location/nibrs:LocationCategoryCode` should be used for the high-level location type. For example, 10 is field/woods and 46 is farm facility. To encode the Texas-specific type, the element `ndex:Submission/ndex:IncidentReport/ndex:Location/nc:Identification/nc:IdentificationID` s:id attribute should be used. The text value for the element would be the ID of the location, if there is one, otherwise a sequence number. The s:id attribute would include the ID and the Texas-Specific code and an optional count to indicate more than one location.

For example, if the ID of the location is 12345 and the type of marijuana field/gardens is cultivated fields, and there were two locations identified, the XML would be:

...

```
<ndex:Location>
  <nc:Identification>
    <nc:IdentificationID s:id="MARIJUANA3X2-12345">12345</nc:IdentificationID>
    <nibrs:LocationCategoryCode>10</nibrs:LocationCategoryCode>
```

Position 257-258 - type and number of marijuana field/gardens.

Repeat the `<ndex:Location>` section as described above, once for each unique type.

Code: 10 (field/woods) or 46 (farm facility)

Supplemental ID:

MARIJUANA1: Gardens

MARIJUANA2: Wild fields

MARIJUANA3: Cultivated fields

MARIJUANA4: Greenhouses

XML Sample:

```
<nc:IdentificationID s:id="MARIJUANA4-12345">12345</nc:IdentificationID>
<nibrs:LocationCategoryCode>10</nibrs:LocationCategoryCode>
```

Position 259 - number of meth labs (one ndex:Location per lab or use the X count indicator)

Code: 48 (industrial site) or 25 (other)

Supplemental ID: METHAMPHETAMINE

XML Sample:

```
<nc:IdentificationID s:id="METHAMPHETAMINE-12345X3">12345</nc:IdentificationID>  
<nibrs:LocationCategoryCode>48</nibrs:LocationCategoryCode>
```

Position 260 - number of amphetamine labs (one ndex:Location per lab or use the X count indicator)

Code: 48 (industrial site) or 25 (other)

Supplemental ID: AMPHETAMINE

XML Sample:

```
<nc:IdentificationID s:id="AMPHETAMINEX1-12345">12345</nc:IdentificationID>  
<nibrs:LocationCategoryCode>48</nibrs:LocationCategoryCode>
```

Position 261 - number of P2P labs (one ndex:Location per lab or use the X count indicator)

Code: 48 (industrial site) or 25 (other)

Supplemental ID: P2P

XML Sample:

```
<nc:IdentificationID s:id="P2P-12345X4">12345</nc:IdentificationID>  
<nibrs:LocationCategoryCode>48</nibrs:LocationCategoryCode>
```

Position 262 - number of PCP labs (one ndex:Location per lab or use the X count indicator)

Code: 48 (industrial site) or 25 (other)

Supplemental ID: PCP

XML Sample:

```
<nc:IdentificationID s:id="PCP-12345">12345</nc:IdentificationID>  
<nibrs:LocationCategoryCode>48</nibrs:LocationCategoryCode>
```

Position 263 - number of Crack labs (one ndex:Location per lab or use the X count indicator)

Code: 48 (industrial site) or 25 (other)

Supplemental ID: CRACK

XML Sample:

```
<nc:IdentificationID s:id="CRACK-12345">12345</nc:IdentificationID>
```

```
<nibrs:LocationCategoryCode>48</nibrs:LocationCategoryCode>
```

Position 264 - number of Other labs (one ndex:Location per lab or use the X count indicator)

Code: 25 (other)

Supplemental ID: OTHER

XML Sample:

```
<nc:IdentificationID s:id="OTHER-12345">12345</nc:IdentificationID>
```

```
<nibrs:LocationCategoryCode>25</nibrs:LocationCategoryCode>
```

Position 265-271. The flat file format defined up to 6 precursor chemicals seized. The XML format will use one nc:Drug tag per precursor chemical. The quantity will be in ndex:Submission/ndex:IncidentReport/ndex:Item/nc:Drug/nc:SubstanceQuantityMeasure/nc:MeasuredDecimalValue and the quantity measurement unit will be in ndex:Submission/ndex:IncidentReport/ndex:Item/nc:Drug/nc:SubstanceQuantityMeasure/nc:MeasuredDecimalValue. The j:DrugCategoryCode should be P, which is Other.

Segment 9 - Sexual Assault

All of the flat file sections map directly to N-DEx elements as defined in the mapping worksheet, with the exception of the Texas Offense Penal Code. There is no element in the schema for this value, so it must be encoded into the s:id attribute of identification field

ndex:Submission/ndex:IncidentReport/ndex:Incident/nc:Incident/nc:ActivityIdentification/nc:IdentificationID.

Position 51 Offense Penal Code 21.02 - Continuous Sexual Abuse of Young Child or Children

Supplemental ID: CONTINUOUS-SA-OF-CHILD

XML Sample:

<j:Offense>

<nc:ActivityIdentification>

<nc:IdentificationID s:id="CONTINUOUS-SA-OF-CHILD-12345">12345</nc:IdentificationID>

Position 52 Offense Penal Code 21.11(a)(1) - Indecency with a Child By Contact

Supplemental ID: INDECENCY-WITH-CHILD-BY-CONTACT

XML Sample:

<j:Offense>

<nc:ActivityIdentification>

<nc:IdentificationID s:id="INDECENCY-WITH-CHILD-BY-CONTACT-12345">12345</nc:IdentificationID>

Position 53 Offense Penal Code 21.11(a)(2) - Indecency with a Child By Exposure

Supplemental ID: INDECENCY-WITH-CHILD-BY-EXPOSURE

XML Sample:

<j:Offense>

<nc:ActivityIdentification>

<nc:IdentificationID s:id="INDECENCY-WITH-CHILD-BY-EXPOSURE-12345">12345</nc:IdentificationID>

Position 54 Offense Penal Code 22.011 - Sexual Assault

Supplemental ID: SEXUAL-ASSAULT

XML Sample:

<j:Offense>

<nc:ActivityIdentification>

<nc:IdentificationID s:id="SEXUAL-ASSAULT-12345">12345</nc:IdentificationID>

Position 55 Offense Penal Code 22.021 - Aggravated Sexual Assault

Supplemental ID: AGGRAVATED-SEXUAL-ASSAULT

XML Sample:

<j:Offense>

<nc:ActivityIdentification>

<nc:IdentificationID s:id="AGGRAVATED-SEXUAL-ASSAULT-12345">12345</nc:IdentificationID>

Position 56 Offense Penal Code 43.25 - Sexual Performance by a Child

Supplemental ID: SEXUAL-PERFORMANCE-BY-CHILD

XML Sample:

```
<j:Offense>
```

```
<nc:ActivityIdentification>
```

```
<nc:IdentificationID s:id="SEXUAL-PERFORMANCE-BY-CHILD-12345">12345</nc:IdentificationID>
```

Note: for Offenses related to Indecency with Child by Exposure and Sexual Performance by Child, the extended Segment Level 9 layout needs to be populated, starting with position 57. See the mapping worksheet.