

## 2019-20 DIRS XML Schema Changes

Date: February 3, 2020

To: Software Vendors Supporting Minnesota Department of Education (MDE) Disciplinary Incident Reporting System (DIRS)

From: Carly Lykes, DIRS Coordinator and Diane Bertsch, MNIT Project Manager

### RE: Summary of DIRS XML Batch File Updates

#### Getting started

The Minnesota IT Services (MNIT) on behalf of MDE modified DIRS. To continue to provide your customers with an up-to-date and valid DIRS XML batch upload file, you need to incorporate the updates defined within this document to your XML schema and batch file upload process.

This document summarizes the modifications made to the DIRS XML schema. These modifications were made to the DIRS application online process and deployed to production December 2019.

Please reference the following documents along with this one for a full explanation of changes:

- 2019-20 Disciplinary Incidents Reporting System Fields and Values (spreadsheet)
  - Green row indicates a new field
  - Blue row indicates a deleted field or value
  - Yellow highlighted cell indicates a modified description, field attribute or added value
  - Red text indicates added, modified or important text.
- 2020 DIRS\_Batch\_Schema (xsd)

#### Important notes

- At this time, any XML batch upload file submitted through the DIRS system will error out. Because of this, there is a temporary block on the batch upload file service to allow time for vendors to allow vendors time to modify their code and deploy to customers. Notices were posted on the [MDE DIRS webpage](#) and the home page in the DIRS application.
- MNIT staff will remove the batch file service block on Wednesday, April 1, 2020.
- Please inform your clients not to upload a DIRS XML batch file(s) until your software has been updated and deployed.

## Summary of Updates

### Removed field

1. Field: **numberUnknownVictims**
  - Field Comment: Indicates the number of victims involved in this incident who are not currently enrolled at this school.
  - Number
  - From Schema: `<xs:element name="numberUnknownVictims" type="xs:unsignedInt" minOccurs="0" />`
2. Two fields were removed from the online application that are not relevant to batch schema and do not impact batch files, but were referenced on fields and values list and therefore removed from that list.

### Added fields

1. Field: **estimatedVictimsEnrolled**
  - Refers to the question: What is the estimated count of victims enrolled at this school?
  - Number
  - Required numeric value *only if* VictimType = 4 [Student (MARSS information unknown)]
  - `<xs:element name="estimatedVictimsEnrolled" type="xs:unsignedInt" minOccurs="0" />`
  - When the VictimType = 4 [Student (MARSS information unknown), the value of estimatedVictimsEnrolled or estimatedVictimsNotEnrolled must be greater than zero.
2. Field: **estimatedVictimsNotEnrolled**
  - Refers to the question: What is the estimated count of victims not enrolled at this school?
  - Number
  - Required numeric value *only if* VictimType = 4 [Student (MARSS information unknown)]
  - `<xs:element name="estimatedVictimsNotEnrolled" type="xs:unsignedInt" minOccurs="0" />`
  - When the VictimType = 4 [Student (MARSS information unknown), the value of estimatedVictimsEnrolled or estimatedVictimsNotEnrolled must be greater than zero.
3. Field: **aesNoServiceProvidedExplanation**
  - When the aesType value is 15 (No Services provided), an explanation is required why no services were provided.
  - The field will be blank if aesType <> 15.
  - Text
  - `<xs:element name="aesNoServiceProvidedExplanation" type="xs:string" minOccurs="0" />`

## Modified fields

### 1. Field: **disciplinaryActionType**

- The value of 13 was added to identify an “Other” disciplinary action type for any student’s disciplinary action taken.
- When the value of 13 (Other) is used, a description of the other disciplinary action taken must be provided in the “noResponseExplanation (otherExplanation)” field.
- The value of 12, “Other Sanction, Intervention or Resolution in response to the Assault” will not be used for the 2019-2020 or future data submissions. The code of 12 and its description will continue to be used in reports for data submissions that occurred during the 2018-2019 or prior school years.

### 2. Field: **multipleVictimCount**

- The element name of victimCount has been changed to multipleVictimCount as shown:  
From: `<xs:element name="victimCount" type="xs:unsignedInt" minOccurs="0" />`  
To: `<xs:element name="multipleVictimCount" type="xs:unsignedInt" minOccurs="0" />`
- This was done to clarify the count is associated with a victim, not an offender
- Additionally, a value greater than zero is required if the victimType = 2 (Teacher) or 3 (District Employee).

### 3. Field: **aesType**

- The value of 15 was added to identify “No services provided.” This was added as an option for an alternative educational setting for instances in which all of the following are true:
  - no alternative educational setting was provided and
  - The disciplinaryActionType = 2 (Out of school suspension) or 6 (Removal by a hearing officer on determination of likely injury) or 3 (Expulsion from the school setting) or 4 (Exclusion from the school setting) or 5 (Unilateral removal to an alternative educational setting) and
  - numDays is > 5.

### 4. Field: **noResponseExplanation (otherExplanation)**

- When the value of 13 (Other) is used, a description of the other disciplinary action taken must be provided in the “noResponseExplanation (otherExplanation)” field.

### 5. Field: **disciplinaryActionType**

- The conditions to using the value of 5 (Unilateral Removal to an Alternative Education Setting) have changed.
- The conditions that must be met to use a value of 5 for the disciplinaryActionType are:
  - Student must be a special education student on the date of the incident,  
*and*
  - One of the following statements is true:
    - offenderActivity = 10 [Fighting] or 3 [Assault] or 29 [Robbery with force] or 13 [Illegal Drug] *or*
    - offenderActivity = 6 [Controlled Substance] and OffenseType = 6 [Solicitation Sale] *or*

- offenderActivity = 2 [Arson] and OffenseType = 7 [with Accelerant] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y") or
- offenderActivity = 4 [Bomb] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y") or
- offenderActivity = 15 [Pyrotechnics] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y") or
- offenderActivity = 22 [Weapon] and WeaponType = 1 [Long gun] or
- offenderActivity = 22 [Weapon] and WeaponType = 2 [Hand gun] or
- offenderActivity = 22 [Weapon] and WeaponType = 3 [Pellet/BB/Air gun] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y") or
- offenderActivity = 22 [Weapon] and WeaponType = 4 [Paintball gun] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y") or
- offenderActivity = 22 [Weapon] and WeaponType = 6 [Knife] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y") or
- offenderActivity = 22 [Weapon] and WeaponType = 11 [Pocket knife < 2.5"] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y") or
- offenderActivity = 22 [Weapon] and WeaponType = 12 [Pocket knife => 2.5"] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y") or
- offenderActivity = 22 [Weapon] and WeaponType = 9 [Blunt object] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y") or
- offenderActivity = 22 [Weapon] and WeaponType = 13 [Sharp object] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y") or
- offenderActivity = 22 [Weapon] and WeaponType = 14 [Mace/Noxious substance] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y") or
- offenderActivity = 22 [Weapon] and WeaponType = 15 [Stun guns/taser gun] and (wasUsedAsADangerousWeaponState = "Y" or wasUsedAsADangerousWeaponFed = "Y").

## General Improvements

None

## DIRS XML Batch Upload Contact Information

If you have questions on the information within this document, please direct your general batch upload related questions to the project manager and technical questions to the architect/developer.

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## History

Version	Description	Date
1.0	Initial document	2020-02-03