Minnesota Ed-Fi Data - v2.0

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Understand Object Triggering Tables | Understand Object Data Element Tables |
UnderstandType/Descriptor Tables | Entities and Elements | Additional Logic and Considerations

Classic View: System Administration > Ed-Fi

Search Terms: Ed-Fi

This article defines all of the elements of data sent per entity between Campus and the Ed-Fi system.

- - Future data is suppressed when syncing data from Campus to Ed-Fi. Only past and present data is synced.
    - Data in calendars marked as Exclude will not send data to Ed-Fi.
    - Person-related records do not trigger a send of data to Ed-Fi if the person does not have an Ed-Fi ID value assigned.
    - Ed-Fi ignores custom field data entered in Campus.

See the following articles for more information about setting up Ed-Fi within Campus:

- Ed-Fi v2.0 - Ed-Fi Connection Configuration Tool - Set Resource Preferences
- Ed-Fi Configuration Tool - Configure Ed-Fi Connection

An entity is a collection of related data which is sent in a cluster of data elements from Campus to Ed-Fi. Select the following links to view what data elements are contained and sent within that entity:

- Local Education Agencies
- Schools
- Student
- Student Education Organization Association
- Student School Association

Understand Object Triggering Tables

The Object Triggering Logic Tables describe what actions within Campus result in data being triggered to sync to Ed-Fi.
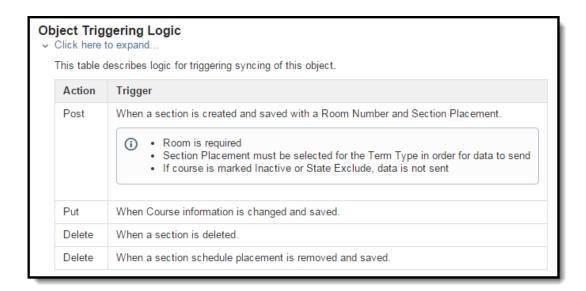
Image 1: Example of an Object Triggering Logic Table

The following table lists the definition of each potential Action:

Action	Definition
Post	This will insert new records and data within Ed-Fi.
Put	This action will update existing information within Ed-Fi.
Get	This action is used for items that are pre-loaded by ADE. For example, Courses and Programs.
Delete	This will delete records and data within Ed-Fi.

Understand Object Data Element Tables

The Object Data Element tables describe all of the elements contained within a reporting entity. Each element is given a description of what it is and any potential logic used to calculate the element, if the element is mandatory for reporting to Ed-Fi (indicated by an M), where the data is pulled from the Campus database and where the pulled information is entered within the Campus UI.

Elements marked as **M** are mandatory elements which must report data to Ed-Fi in order to meet reporting requirements. Elements marked as **O** are optional elements which are not mandatory for the Ed-Fi requirement but can be populated and report data for additional state-specific reporting purposes. Elements listed as **C** are conditional elements which are not required to report but will report data if the data is present within Campus.
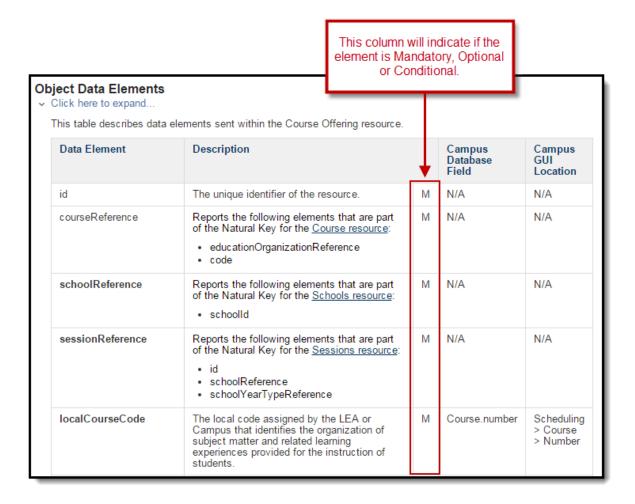
Image 2: Example of a Object Data Elements Table

UnderstandType/Descriptor Tables

The Type/Descriptor section describes each element and their corresponding Campus to Ed-Fi value translation that is occurring.

If the element is reporting a **Descriptor**, the **Ed-Fi Code Value** is reported.

If the element is reporting a **Type**, the **Ed-Fi Short Description** is reported.
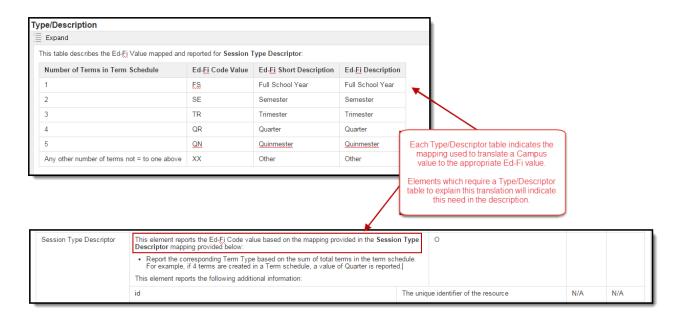
Image 3: Example of a Type/Descriptor Table

Entities and Elements

The following lists all the currently available and syncing entities and their respective elements.

Local Education Agencies

This entity represents an administrative unit at the local level, which exists primarily to operate schools or to contract for educational services. It includes school districts, charter schools, charter management organizations or other local administrative organizations.

Reports the District Information for a school.

Object Triggering Logic

▸ Click here to expand...

Scope Year Logic

▸ Click here to expand...

Object Data Elements

▸ Click here to expand...

Array

▸ Click here to expand...

Type/Descriptor

Schools

This entity represents an educational organization that includes staff and students who participate in classes and educational activity groups. This field only accepts numeric values for the School ID so some states may implement a different State School Number for Ed-Fi. See state specific logic for more information.

Object Triggering Logic

▶ Click here to expand...

Scope Year Logic

▶ Click here to expand...

Object Data Elements

▶ Click here to expand...

Student

Provide a summary of what the report/function will cover and the logistics around the data collection or reporting.

****NOTE:** The Student Resource is a shared record among all districts. If two districts have the same student in the same year, the last district to trigger data to Ed-Fi "wins". For example, if one district put in a first name of "Robert" and the second district put in a first name of "Rob" the last district to update the student record is what will appear in Ed-Fi and on both District's reports. This is true for all field logic in the Student Resource except the Identification Code in which the array reports for each district.

Object Triggering Logic

▶ Click here to expand...

Scope Year Logic

▶ Click here to expand...

Object Data Elements

▶ Click here to expand...

Array

▸ Click here to expand...

Student Education Organization Association

This association indicates any relationship between a student and an education organization other than however the state views enrollment. Enrollment relationship semantics are covered by Student School Association.

Resident District on Enrollment

This value uses the enrollment table. See information below on how to determine what values to report from:

1. The first Resident District value saved for a student will populate the resident district field on the enrollment table
2. Any additional resident district values saved for a student, will populate the custom student table in the Resident District Campus Attribute

Object Triggering Logic

▸ Click here to expand...

Scope Year Logic

▸ Click here to expand...

Object Data Elements

▸ Click here to expand...

Array

▸ Click here to expand...

Student School Association

This association represents the school in which a student is enrolled.

Object Triggering Logic

▸ Click here to expand...

Scope Year Logic

▸ Click here to expand...

Object Data Elements

▸ Click here to expand...

Array

▸ Click here to expand...

Additional Logic and Considerations

The following describes additional logic and considerations to be aware of when working with Ed-Fi.

No Show/Excludes	If the State Exclude or No Show buttons are marked or unmarked on an enrollment the record, they will be deleted/added from Ed-Fi.