Tennessee Ed-Fi Data v3.1 - Locations

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This entity represents the physical space where students gather for a particular class/section. The location may be an indoor or outdoor area designated for the purpose of meeting the educational needs of students.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a new Room is created and saved. • Do not send if the School is marked as Exclude.
Post	When a Room Name is changed and saved.
Put	When the Maximum Number Of Seats is modified.
Delete	When a Room is deleted.
Delete/Post	When a Room Name is changed and saved.
Delete/Post	When there are two rooms with the same natural key and 1 is deleted, the other record will post with the remaining records data.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.
Delete	If a resource is toggled to 'OFF" after data has sent and an action is performed that would trigger a delete, that data will remain in the ODS until a resync is done.
Resync	If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.
Resync	If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Delete/Post	If any of the following changes in the Schools resource: • School ID: If the Ed-Fi School Number changes • School ID: If the State School Number changes and the Ed-Fi School Number is NULL.
Delete/Post	If the Room Name changes.

Scope Year Logic

This table describes scope year logic of this object.

Logic
Rooms are not aligned to a year so all Rooms will send to each scoped year.
Data will only send for years that have valid configuration.

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
rooms	Post/Put/Delete	The primary table used for sending data for this resource.

Object Data Elements

This table describes data elements sent within the Locations resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
id	The unique identifier of the resource.		M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
classroomIdentificationCode	A unique number or alphanumeric code assigned to a room by a school, school system, state, or other agency or entity.	Reports the Room Name.	M	System Administration> Resources> Resources> Rooms	room.name
schoolReference	A reference to the related School resource.	Reports the fields that are part of the Natural Key for the School resource.	M		
maximumNumberOfSeats	The most number of seats the class can maintain.	1. Reports the Capacity. 2. If blank, do not report.	O	System Administration> Resources> Resources> Capacity	room.capacity
optimalNumberOfSeats	The number of seats that is most favorable to the class.	Does not report. This element is not collected.	O		
_ext.tdoe.submitted ForSchoolYearType Reference.schoolYear	Indicates the school year for which the record is reporting.	Using the End Year tied to the calendar, report the year.	M	System Administration > Calendar > Calendar	schoolYear. endYear
_ext.tdoe.submittedBy EducationOrganization Reference.education OrganizationID	The identifier assigned to an education organization.	Populate State District Number + State School Number.	M	System Administration > Resources > District Information System Administration > Resources > School	district.number

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
_etag	A unique system-generated value that identifies the version of the resource.	Does not report.	O		