

# Calendar Dates (Tennessee v5.3)

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**Classic View:** System Administration > Ed-Fi

**Search Terms:** Ed-Fi

This entity represents a set of dates associated with an organization.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When a Day is created with the Instruction check box checked or a Day Event that is mapped to an Ed-Fi Code is added to a day.</p> <ul style="list-style-type: none"> <li>Days can be set either manually or by the Day Reset tool.</li> <li>Day Events can be set either manually or by the Multi Day Event Wizard.</li> <li>Do not send a record if the Calendar Exclude checkbox is checked.</li> <li>Do not send a record if the School Exclude checkbox is checked.</li> </ul>
Put	<p>When fields that are not part of the natural key are changed.</p> <ul style="list-style-type: none"> <li>Calendar Events - a put will be completed if there is more than 1 event on a day and 1 is being updated.</li> </ul>
Delete	<p>To delete this resource, all Day Events must be deleted and the Instructional check box needs to be unchecked.</p>

## 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	<p>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.</p>
Delete	<p>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.</p>
Resync	<p>If a Calendar Event 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.</p>
Resync	<p>If a Calendar Event 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.</p>
Resync	<p>If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.</p>

## 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
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Action	Trigger
Post/Delete	<p>Natural Key change: If a 2nd schedule structure is added after data is sent, the first Calendar record will need to be Deleted/Posted with new Calendar Code logic to be Calendar ID + Schedule Structure ID.</p> <ul style="list-style-type: none"> <li>• If a calendar or schedule structure is moved via script, all data sent to the ODS will remain and the Delete tool will need to be used to remove all data sent.</li> <li>• If the Calendar Dates resource is toggled 'OFF' and a natural key change is made to the Calendar, the Calendar Dates record will be deleted.</li> </ul>
Delete	<p>Cascading Deletes: This resource will delete if a calendar is marked as exclude after dependent data has been sent or a 2nd Schedule Structure is added after 1st Calendar is sent.</p>

## Scope Year Logic

This table describes scope year logic of this object.

Logic
<p>Calendar Dates will only send for the school year to which they are aligned.</p> <ul style="list-style-type: none"> <li>• Data will only send for years that have valid configuration.</li> </ul>

## Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Calendar Event Descriptors	Day Detail/Event Type

## Identity Mapping Object Key

This table describes the Identity Mapping Object Key of this object.

campusObjectType	Object Key Data Source
Day	dayID

## Event Queue Detail

This table describes the Event Queue Detail of this object.

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

## Object Data Elements

This table describes data elements sent within the Calendars resource.

Data Element Label	Business Requirement	Business Rule	M, C or O	Data Source GUI Path	Database Field
id	The unique identifier of the resource.		M		
<b>date</b>	Month, day, and year of the date being reported. Reports the Date being reported.	Reports the Date being reported.	M	System Administration> Calendar> C.alendar> Days> Date	day.date
<b>calendarEvents</b>	The type of scheduled or unscheduled event for the day. Reports the data from the Day or Day Event for the Date being reported.	Reports the data from the Day or Day Event for the Date being reported.  See array for field specific logic.	M		
<b>_ext.tdoe.submittedForSchoolYearTypeReference.schoolYear</b>	Indicates the school year for which the record is reporting.	The identifier assigned to an education organization.	M	System Administration > Calendar > Calendar > End Date	schoolYear
<b>_ext.tdoe.submittedByEducationOrganizationReference.educationOrganizationID</b>	The identifier assigned to an education organization.	Populate State District Number + State School Number.	M	System Administration > Resources > School	school.number

Data Element Label	Business Requirement	Business Rule			M, C or O	Data Source GUI Path	Database Field
calendarReference	A reference to the related School resource. Reports the fields that are part of the Natural Key for the Calendars resource.	IC Field	JSON Field	Logic			
		Instructional Program Number	calendar Code	If Instructional Program Number equals null or blank, populate "99".  Else, Populate Instructional Program Number Format: 2 character left zero padded integer.			
		State School Number / State District Number	schoolId	District Number + School Number			
		End Year	school Year	Populate the End Year of the school year tied to the configured year			

## Array

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## Type/Descriptor

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