

# Calendar Dates (Nebraska v3.5)

Last Modified on 06/11/2024 9:50 am CDT

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 is added to a day mapped to an Ed-Fi Code.</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> <li>• When the Secondary School field is populated, report the student's information from this new school as an override to the current school.</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>

Action	Trigger
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
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	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.

## 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.

<b>campusObjectType</b>	<b>Object Key Data Source</b>
Day	dayID

## Event Queue Detail

This table describes the Event Queue Detail of this object.

<b>Campus Table</b>	<b>Ed-Fi Action</b>	<b>Fields</b>
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.

<b>Data Element Label</b>	<b>Business Requirement</b>	<b>Business Rules</b>	<b>M, C or O</b>	<b>Data Source GUI Path</b>	<b>Database Field</b>
id	The unique identifier of the resource.		M		
<b>calendarReference</b>	A reference to the related School resource.	Reports the fields that are part of the Natural Key for the Calendars resource.	M		
<b>date</b>	Month, day, and year of the date being reported.	Reports the Date being reported.	M	System Administration> Calendar> Calendar> Days> Date	day.date

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
calendarEvents	The type of scheduled or unscheduled event for the day.	<ol style="list-style-type: none"> <li>1. Reports the data from the Day or Day Event for the Date being reported.</li> <li>2. See Array section below for data logic for each field.</li> </ol>	M		

## Array

[▶ Click here to expand...](#)

## Types/Descriptors

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