

Calendar Dates (Nebraska v3.6)

Last Modified on 12/14/2025 8:45 pm CST

[Object Triggering Logic](#) | [School Exclude, Calendar Exclude, Resource Toggle and Resync Logic](#) | [Natural Key Changes, Cascading Updates, and Deletes Logic](#) | [Scope Year Logic](#) | [Resource Preferences](#) | [Identity Mapping Object Key](#) | [Event Queue Detail](#) | [Object Data Elements](#) | [Array](#) | [Types/Descriptors](#)

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"> Days can be set either manually or by the Day Reset tool. Day Events can be set either manually or by the Multi Day Event Wizard. Do not send a record if the Calendar Exclude checkbox is checked. Do not send a record if the School Exclude checkbox is checked. When the Secondary School field is populated, report the student's information from this new school as an override to the current school.
Put	<p>When fields that are not part of the natural key are changed.</p> <ul style="list-style-type: none"> Calendar Events - a put will be completed if there is more than 1 event on a day and 1 is being updated.
Delete	To delete this resource, all Day Events must be deleted and the Instructional check box needs to be unchecked.

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.

Action	Trigger
Resync	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.
Resync	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.
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"> • 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. • 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.
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"> • Data will only send for years that have valid configuration.

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 Rules	M, C or O	Data Source GUI Path	Database Field
id	The unique identifier of the resource.		M		
calendarReference	A reference to the related School resource. Reports the fields that are part of the Natural Key for the Calendars resource.		M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path Database Field	
date	<p>Month, day, and year of the date being reported.</p> <p>Reports the Date being reported.</p>		M	<p>System Administration> Calendar> Calendar> Days> Date</p> <p>day.date</p>	
calendarEvents	<p>The type of scheduled or unscheduled event for the day.</p> <p>Reports the data from the Day or Day Event for the Date being reported.</p> <p>See Array section below for data logic for each field.</p>		M		

Array

▶ [Click here to expand...](#)

Calendar Event Descriptor

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path Database Field

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path Database Field
CalendarEventDescriptor	<p>The types of scheduled or unscheduled event for the day (e.g., Instructional day, Teacher-only day, Holiday, Make-up day, Weather day, Student late arrival/early dismissal day).</p> <p>Reports the Ed-Fi Code mapped to 'Instructional Day' if Instruction check box is checked on a day (NDE Code = 01 for Instruction).</p> <p>Else, reports the Ed-Fi Code if from mapped Day Event.</p> <p>If Instruction is not checked and there is not a day event mapped to an Ed-Fi Code, do not report a record.</p>	M	System Administration> Calendar> Calendar> Days> Day Detail> Instruction OR System Administration> Calendar> Calendar> Day Event day.instruction OR dayevent.type

NE calendarDate Extension

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path Database Field

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path Database Field
instructionDuration	<p>NDE provided this extension to handle random issues where students do not attend school in a traditional manner. This is for students who only attend a few days or hours a week. They can have a roster in the traditional calendar and this field will act as an override for their instructional duration.</p> <p>If this data field is populated, report the percentage of the value entered. For example, if 100 is entered into the duration field, report that as 1. If 50 is entered into the Duration field, report that as .5.</p> <p>If Duration is NULL, report as 1.</p> <p>If data field is NULL, report blank.</p> <p>InstructionDuration = 1.0 codes 04, 01, 10, and 11</p> <p>The following Codes should subtract from the InstructionDuration up to 0.0 as a total value of Instruction.</p> <ol style="list-style-type: none"> 1. 02: Teacher Only Day 2. 06: Student Late Arrival/early Dismissal 3. 07: Emergency Day 4. 03: Holiday 5. 09: Other 6. 08: Strike <p>All codes present on a day will send in an array to the state.</p>	C	<p>System Administration > Calendar > Calendar > Days > Day Events > Duration</p> <p>dayEvent.Duration</p>

Types/Descriptors

▶ [Click here to expand...](#)

Calendar Event Descriptors

Code Value	short Description	Name Space
Emergency day	Emergency day	uri://ed-fi.org/CalendarEventDescriptor
Holiday	Holiday	uri://ed-fi.org/CalendarEventDescriptor
Instructional day	Instructional day	uri://ed-fi.org/CalendarEventDescriptor
Make-up day	Make-up day	uri://ed-fi.org/CalendarEventDescriptor
Other	Other	uri://ed-fi.org/CalendarEventDescriptor
Student late arrival/early dismissal	Student late arrival/early dismissal	uri://ed-fi.org/CalendarEventDescriptor
Weather day	Weather day	uri://ed-fi.org/CalendarEventDescriptor
Teacher only day	Teacher only day	uri://ed-fi.org/CalendarEventDescriptor
Strike	Strike	uri://ed-fi.org/CalendarEventDescriptor
Non-instructional day	Non-instructional day	uri://ed-fi.org/CalendarEventDescriptor
ELTP	ELTP Day/Hours	uri://nmped.org/CalendarEventDescriptor
K5P	K5 Plus Day/Hours	uri://nmped.org/CalendarEventDescriptor
ELTP+K5P	Both ELTP and K5P Day	uri://nmped.org/CalendarEventDescriptor