

NE Ed-Fi Suite v3.6.1, Data Standard v4.0: Calendars

April
2025

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Summary

A set of dates associated with an organization.

Object Triggering Logic

Action	Business Rule(s)
Post	<p>A Calendars record will be created for each Calendar/Schedule Structure combination</p> <ul style="list-style-type: none">• When a new Calendar and Schedule Structure is created and saved via the Calendar Wizard• When a new Schedule Structure in an existing Calendar is created and saved• Do not send a record if the Calendars resource is toggled 'OFF' in the Calendars Resource Preferences• 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">• Type - if the type is changed on the Calendar tab• Grade Levels - when a grade level is deleted from the Grade Levels tab it will be removed from the array• Grade Levels - when a grade level is added to the Grade Levels tab and a mapping exists already for that grade level• When Grade Level on Calendar Day Event is changed or added• When Start of calendar or end of calendar codes are used on Calendar Day Event
Delete/Post	Delete if a 2nd Schedule Structure is added after 1st Calendar is sent
Delete	If a calendar and/or schedule structure is deleted

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools
-

Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- Calendar Dates
-

Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix

Object Data Elements Logic

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✓ / ✗ / EXT)
1	CalendarCode (string)	<p><i>The identifier for the Calendar.</i></p> <hr/> <p>Report the following values in the following order:</p> <ol style="list-style-type: none"> School number calendar ID Schedule Structure ID Grade level <p>We concatenate the schoolNumber, calendarID, scheduleStructureID and gradeLevel. example: School Number 004, calendarID 1855, structure ID 21055, grade level 12. CalendarCode = 00418552105512</p>	M	<ol style="list-style-type: none"> Index> Sys Admin> Resources> School> School Number Index> Sys Admin> Calendar> calendar> CalendarID Index> Sys Admin> Calendar> Calendar> Schedule Structure> scheduleStructureID Index> Sys Admin> Calendar> Calendar> gradeLevel> State Grade Level 	schoolNumber, calendarID, scheduleStructureID and gradeLevel. example: School Number 004, calendarID 1855, structure ID 21055, grade level 12. CalendarCode = 00418552105512	✗

2	calendarEvents (array)	<p><i>An unordered collection of calendarDateCalendarEvents. The type of scheduled or unscheduled event for the day.</i></p> <hr/> <p>Reports the following data elements in an array:</p> <ul style="list-style-type: none"> calendarEventDescriptor <ul style="list-style-type: none"> Reports the Ed-Fi Code mapped to the Instruction checkbox or the Day Event being reported. <ul style="list-style-type: none"> This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Calendar Dates resource. Reports for each unique Ed-Fi Code eligible to report. 	M		Day .instruction DayEvent .type	✓
3	date (date)	<p><i>The month, day, and year of the calendar event.</i></p> <hr/> <p>Reports the Date of the Day being reported.</p>	M		Day .date	✓

4	calendarReference (reference)	<i>A reference to the Calendars resource associated with the Calendar Date being reported.</i> <hr/> Reports the fields that are part of the Natural Key for the Calendars resource.	M	N/A	N/A	✓
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Appendix