

IN Ed-Fi Suite v7.3, Data Standard v5.2: Calendar Dates

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Summary

This entity represents a day in the school calendar.

Object Triggering Logic

| Action | Business Rule(s) |
|--------|--|
| POST | <p>Reports a record when a Day has the Instruction checkbox checked OR when a Day Event that is mapped to an Ed-Fi Code is added to the Day.</p> <ul style="list-style-type: none">• It does not matter how Days or Day Events are created. They can be on a day-by-day basis, using the Day Reset tool, or using the Multi-Day Event Wizard tool.• Do not report a record if the any of the following exclusions are present:<ul style="list-style-type: none">○ Calendar Exclude○ School Exclude○ Calendar is mapped to a different calendar in the Calendar Override Mapping Tool (Found in Resource Preferences) |

| | |
|---------------|--|
| DELETE / POST | A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise. |
| PUT | <ul style="list-style-type: none"> • When any of the following elements change on Day: <ul style="list-style-type: none"> ◦ dayID ◦ Date ◦ Duration ◦ Instruction ◦ Period Schedule • When any of the following elements change on Day Event: <ul style="list-style-type: none"> ◦ dayID ◦ Duration ◦ Instructional Minutes ◦ Period Minutes ◦ Type • When any of the following elements change on Period Schedule: <ul style="list-style-type: none"> ◦ Start Time ◦ End Time ◦ Instructional ◦ Lunch Minutes |
| DELETE | <ul style="list-style-type: none"> • When the Day reporting no longer has a valid Ed-Fi Code to reference (Day Event was deleted or Instruction was unchecked). |

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Calendars

Dependent Resources (Downstream)

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

- N/A

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 | calendarReference (reference) | <p><i>A reference to the Calendars resource associated with the Calendar Date being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Calendars resource.</p> | M | N/A | N/A | ✓ |
| 2 | date (date) | <p><i>The month, day, and year of the calendar event.</i></p> <hr/> <p>Reports the Date.</p> | M | Calendar | Day .date | ✓ |
| 3 | 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 below data elements from the Day or Day Event for the Date being reported in an array:</p> <ul style="list-style-type: none"> • calendarEventDescriptor <ul style="list-style-type: none"> ○ If the day has <i>Instructional</i> checked and there are no day events listed, report as Student Calendar (hard-coded). <ul style="list-style-type: none"> ▪ For this logic to work, there MUST be a day event code of <i>I: Instructional Day</i> that is mapped to the Student Calendar Ed-Fi Code. <ul style="list-style-type: none"> • If the <i>I: Instructional Day</i> code does not exist or is not mapped to the Student Calendar Ed-Fi Code, then this special reporting logic will not work. ○ If the day has day events listed, report the Ed-Fi Code mapped to the day events selected. | M | Calendar | Day .instruction DayEvent .type | ✗ |

| | | | | | | |
|---|------------------------|---|---|----------|--------------------|-----|
| 4 | eventDuration (number) | <p><i>The amount of time for the event as recognized by the school: 1 day = 1, 1/2 day = 0.5, 1/3 day = 0.33.</i></p> <hr/> <p>Note: Duration is entered as a percentage to match the ODS values (e.g. Value of 50 entered = .5 in ODS)</p> <ul style="list-style-type: none"> • If multiple day events are present, report the duration value of the day event with the lowest number of instructional minutes on the Day Event editor. <ul style="list-style-type: none"> ◦ If Duration is blank for all events, send as 1. • If an event is added and no duration is provided, report as 1. • If no event is added to day detail, report as 1. <p>Examples:</p> <ul style="list-style-type: none"> • If value = 50, send as .5 • If value = 25, send as .25 | M | Calendar | DayEvent .duration | EXT |
|---|------------------------|---|---|----------|--------------------|-----|

| | | | | | | |
|---|------------------------|---|---|----------|---------------------------------|-----|
| 5 | eventMinutes (integer) | <p><i>The amount of time for the event in minutes as recognized by the school.</i></p> <hr/> <p>Report the number of Instructional Minutes for the day.</p> <ul style="list-style-type: none"> • If no day events are present, report total instructional minutes for the period schedule assigned on that date. • If one or more events are present, report value of the lowest number of <i>Inst. Minutes</i> on the Day Event editor. • If one or more Events are present and there is no value in <i>Inst. Minutes</i> in the Day Event Editor for any event, report total instructional minutes for the period schedule assigned on that date. | M | Calendar | DayEvent . instructionalMinutes | EXT |
|---|------------------------|---|---|----------|---------------------------------|-----|

Appendix