VT Ed-Fi Suite 3 v7.1: Student School Attendance Events

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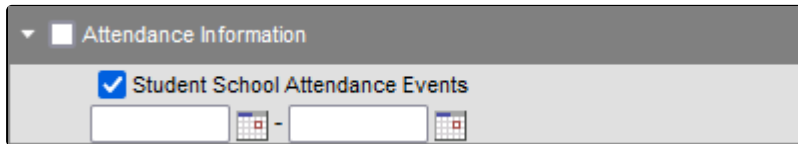## Summary

This event entity represents the recording of whether a student is in attendance for a school day.

Object Triggering

Resync Only

This resource will not use object triggers on database tables. District will be expected to perform a resync to update the data in the ODS.

The resync tool has a Date Range that can be entered to limit the number of days synced.

Action	Business Rules
Post	When a new attendance event is verified for a student and the Attendance Status + Attendance Excuse combination is mapped to an Ed-Fi code (Partial or Full Day Absent) OR When a student has a scheduled day of attendance with no events (Full Day Present)
	Report attendance for each school the student has a Student School Association record for
	Attendance date must fall on or between enrollment start and end dates
	Unknown attendance events will not send an event to ed-fi. The original post will not appear until an excuseID is entered in the attendance table
	Period must not be marked as non-instructional

	Do not include lunch minutes
	Do not send records if attendance records are associated with a Calendar when the Exclude check box is checked
	A record will send for each distinct Date and Attendance Event Category Descriptor
	Do not send records if attendance records are associated with a School when the Exclude check box is checked
Put	If Attendance Event Reason is changed
Delete	Delete attendance record if all attendance is removed for the day for that Attendance Event Category Descriptor
Delete	When an enrollment is deleted

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools
- Sessions
- Students

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

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.
- The Uses Core Template Rules column indicates if the element uses Infinite Campus Core Ed-Fi rules, has been localized using DOE rules, or the element has been added by a DOE as an Extended element.

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
1	**attendanceEventCategoryDescriptor** (string)	*A code describing the attendance event, for example: Present Unexcused absence Excused absence Tardy.* 1. Absence Events - Reports when a student has a verified attendance status/excuse combination that is mapped to an Ed-Fi code a. If more than one Ed-Fi Code is associated with a day of attendance, the Ed-Fi Codes will be grouped together to create an absence sum per event code. 2. Present - Reports 'In Attendance'	M	Calculated	Calculated	N
2	**eventDate** (date)	*Date for this attendance event.* 1. Enter the date for the attendance record being reported	M	Attendance	attendance. date	Y

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3	**schoolReference** (reference)	A reference to the related School resource 1. Reports the fields that are part of the Natural Key for the School resource	M	N/A	N/A	Y
4	**sessionReference** (reference)	A reference to the related Session resource 1. Reports the fields that are part of the Natural Key for the Sessions resource	M	N/A	N/A	Y
5	**studentReference** (reference)	A reference to the related Student resource 1. Reports the fields that are part of the Natural Key for the Student resource	M	N/A	N/A	Y

6	eventDuration	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.
		
		1. Reports amount of event time as a decimal.
		  a. ((aggregated event period minutes - present minutes) / scheduled day minutes)
		  b. Total day event(s) will add up to 1.0
			M	Calculated	Calculated	N

7	attendanceEventReason	1. This is optional, does not report	O	N/A	N/A	Y
8	educationalEnvironmentDescriptor	1. This is optional, does not report	O	N/A	N/A	Y

9	arrivalTime	1. This is optional, does not report	O	N/A	N/A	Y
10	departureTime	1. This is optional, does not report	O	N/A	N/A	Y
11	schoolAttendanceDuration	1. This is optional, does not report	O	N/A	N/A	Y

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