TN Ed-Fi Suite 3 v5.3: 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

Action	Business Rule(s)
Post	When a student has an attendance event on a day marked for instruction • See Appendix for complete set of attendance rules • Do not send records if the Calendar Exclude check box is checked in the calendar the student is enrolled • Do not send records if the School Exclude check box is checked in the calendar the student is enrolled • Do not send a record if the No Show check box is checked
Put	N/A
Delete/Post	When attendance is changed for a student on a given day
Delete	When attendance is changed or removed to no longer meet attendance reporting thresholds

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Sessions
- Students

Dependent Resources (Downstream)

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

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- 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

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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. Reports attendance code. a. See Appendix for complete set of attendance rules	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
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

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

Attendance Calculation

Attendance Type			Attendance Type Rules	Tool Path
Code	**Name**		- More than 50% of student's scheduled day marked as absent - The attendance State Code mapped to an Ed-Fi Code associated with most absence time will report - State Code is associated with an attendance code that has: - Status = Absent - Excuse = Excused or Unexcused	Attendance
U	Unexcused Absence			
A	Excused Absence			
I	Homebound Absence			
X	Unexcused Absence, but Present for Transportation			
T	Excused Absence, but Present for Transportation			
(Absent)				
Code	**Name**		- Student has not been marked absent > 50% of their scheduled day - Student is scheduled into a Blended Learning group with Quarantine = deselected	Attendance Blended Learning
N	Distance Learning – Present (ONLY virtual classrooms, not virtual schools)			
(Present)				
Code	**Name**		- Student has not been marked absent > 50% of their scheduled day - Assigned to a Homebound program active on the attendance day	Attendance Homebound
H	Homebound - Present			
(Present)				

			Attendance
Code	**Name**	• Student has been marked absent > 50% of their scheduled day • Assigned to a Homebound program active on the attendance day	Homebound
I	Homebound - Absent		
(Absent)			
"namespace": "uri://tdoe.edu /AttendanceEventCategoryDescriptor",		**General Attendance Rules**	
		• Course must have a State Code for period to be considered • Course is not marked as State Exclude	Course
		• Period time will be aggregated to determine total absence minutes versus scheduled minutes • Period is instructional	Periods
		• Day is marked for instruction	Days

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