GA Ed-Fi Suite v3.6.1, Data Standard v4.0: Student School Attendance Events

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Summary

This event entity represents the recording of whether a student is in attendance on a daily basis at their school.

Object Triggering Logic

Note: Georgia only reports **Negative Attendance**. We do **NOT** report positive attendance in Georgia.

Note 2: Georgia bases attendance off of the Attendance Aggregation Refresh Tool. This tool **MUST BE RUN** before performing a Student School Attendance Events resync.

Note 3: Any previously reported attendance records that were deleted from the ODS must have a manual resync of Student School Attendance Events to report those attendance records again. Triggers will **NOT** re-post these records unless attendance has changed on the date being reported.

Action	Business Rule(s)

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Post	Reports a record when the student was absent for at least half of the day.
	
	• Do not report a record if the any of the following exclusions are present:
	  ◦ Enrollment State Exclude
	  ◦ Enrollment No Show
	  ◦ Enrollment Grade Exclude from State Reporting
	  ◦ Calendar Exclude
	  ◦ School Exclude
	• The Attendance Aggregation Refresh Tool can be run manually or through the automated process that occurs each night.
	• Reports attendance for each school the student has a Student School Association record for.
	• The Attendance date must fall on or between enrollment start and end dates to report.
	• A record will send for each distinct Date and Attendance Event Category Descriptor.

Delete /Post
 	
Put
	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.
	
	• When any of the following information on the AttDayAggregation table changes:
	
	  ◦ scheduledMinutes
	  ◦ absentMinutes
	  ◦ unexcusedAbsentMinutes
	  ◦ unexcusedOnlyAbsentMinutes
	• When any of the following information on the Enrollment changes:
	
	  ◦ Start Date
	  ◦ End Date
	  ◦ State Exclude

Delete	• When an enrollment is deleted. • When the attendance data is removed for the day.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools (Pre-populated)
- 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 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 | **attendanceEventCategoryDescriptor** (*string*) | *A code describing the attendance event, for example: Present Unexcused absence Excused absence Tardy.*

 • Reports **Unexcused Absence** when there are more "Unexcused" minutes than "Excused" minutes.
　○ Unexcused minutes are minutes attributed to attendance codes with a Status of "*Absent*" and an Excuse of "*Unexcused*".
 • Reports **Excused Absence** when there are more "Excused" minutes than "Unexcused" minutes.
　○ Excused minutes are minutes attributed to attendance codes with a Status of "*Absent*" and an Excuse of "*Excused*".
 • In the event of a tie, report **Excused Absence**. | M | Attendance | Attendance.status

 Attendance.excuse

 Unexcused = AttDayAggregation. unexcusedOnlyAbsentMinutes

 Excused = AttDayAggregation. absentMinutes - AttDayAggregation. unexcusedAbsentMinutes | ⊗ |

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2	**eventDate** (*date*)	*Date for this attendance event.* Reports the **Date** being reported.	M	Attendance	Attendance.date	✅
3	**schoolReference** (*reference*)	*A reference to the Schools resource associated with the Student School Attendance Events being reported.* Reports the fields that are part of the Natural Key for the Schools resource. • educationOrganizationId = **Ed-Fi School ID**	M	School Information	School.entityID	✅
4	**sessionReference** (*reference*)	*A reference to the Sessions resource associated with the Student School Attendance Events being reported.* Reports the fields that are part of the Natural Key for the Sessions resource.	M	N/A	N/A	✅

5	**studentReference** (*reference*)	*A reference to the Students resource associated with the Student School Attendance Events being reported.*	M	N/A	N/A	✅
		Reports the fields that are part of the Natural Key for the Students resource.				
6	eventDuration (*decimal*)	*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.*	M	Attendance Aggregation Refresh	**% of Day Absent** = AttDayAggregation. absentMinutes / AttDayAggregation. scheduledMinutes	❌
		Reporting Logic:				
		• Reports **0.5** if the student was absent for at least half of the day, but less than the full day.				
		• Reports **1** if the student was absent for the full day.				
		Notes:				

- GA State Reported Attendance uses the [Attendance Aggregation Refresh Tool](#) to report attendance.
  - To "refresh" the data in this table when you've made a change to attendance, you must run Attendance Aggregation Refresh.
    - Once this process is completed the database will be updated with your changes. You can then run a manual Ed-Fi resync on Student School Attendance Events.
    - This tool is run every night, so unless you need changes immediately you can let the automated processes take care of this reporting for you.

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		- Absence minutes are minutes where the Status is "*Absent*" and the Excuse is "*Unexcused*, *Excused*, or *Unknown*". - Present Minutes are not included. - Excuse of "*Exempt*" is not included.				
7	arrivalTime	This is optional, does not report.	O	N/A	N/A	N/A
8	attendanceEventReason	This is optional, does not report.	O	N/A	N/A	N/A
9	departureTime	This is optional, does not report.	O	N/A	N/A	N/A
10	educationalEnvironmentDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
11	schoolAttendanceDuration	This is optional, does not report.	O	N/A	N/A	N/A
12	absentTime	This is optional, does not report.	O	N/A	N/A	N/A
13	scheduledTime	This is optional, does not report.	O	N/A	N/A	N/A

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Appendix

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