AZ Ed-Fi Suite v7.1, Data Standard v5.0: Student Program Attendance Events

December 2024

AZ Ed-Fi Suite v7.1, Data Standard v5.0: Student Program Attendance Events

Table of Contents

Summary

This event entity represents the recording of whether a student is in attendance to receive or participate in program services.

Object Triggering Logic

Action	Business Rule(s)
Post	Reports a record when a student has a Positive Attendance record for a Course that has a value for 21st CCLC and a value for 21st CCLC Activity Type. • 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 ◦ Enrollment Start Status is *E: NON-SAIS DISTRICT USE ONLY!* ◦ Calendar Exclude ◦ School Exclude • Positive Attendance must be turned on in Positive Attendance Preferences to be able to enter Positive Attendance data.

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 the following information is changed on Course:
	   ○ 21st CCLC
	   ○ 21st CCLC Activity Type
	   ○ Active
	   ○ State Exclude
	   ○ Positive Attendance
	• When the following information is changed on a student's Positive Attendance:
	   ○ Time In
	   ○ Time Out
	   ○ Course
	• When the following information is changed on a student's Enrollment:
	   ○ No Show
	   ○ State Exclude
	   ○ Start Date
	   ○ End Date

Delete	• When the Positive Attendance is deleted. • When the Course is no longer marked as 21st CCLC. • When the student or course is now excluded in some way.

Transforming K12 Education®

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools (Pre-populated)
- Local Education Agencies (Pre-populated)
- Programs (Pre-populated)
- Students / Student School Associations

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	**attendanceEvent CategoryDescriptor** (*string*)	*A code describing the attendance event, for example: Present Unexcused absence Excused absence Tardy.* Reports **3** (In Attendance).	M	N/A	N/A	❌
2	**eventDate** (*date*)	*Date for this attendance event.* Reports the **Date** being reported.	M	Attendance	Attendance .date	❌

Transforming K12 Education®

| 3 | **educationOrganizationReference**
(*reference*) | *A reference to the Schools resource associated with the Student Program Attendance Event being reported.*<hr>Reports the fields that are part of the Natural Key for the Schools resource.

• educationOrganizationId = **School Entity ID** | M | School Information | School .entityID | ❌ |

4	**programReference** (*reference*)	*A reference to the Programs resource associated with the Student Program Attendance Event being reported.* Reports the fields that are part of the Natural Key for the Programs resource. • educationOrganizationId = **District Entity ID** (Override from School Info) ○ If the School Info Override is NULL, reports the **District Entity ID** from District Info. • programName = **21st CCLC** • programTypeDescriptor = **Support Program**	M	N/A	N/A	⊗
5	**studentReference** (*reference*)	*A reference to the Students resource associated with the Student Program Attendance Event being reported.* Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	⊗
6	activityTimeLogs (*array*)	——	M	**activityCode**:	**activityCode**:	⊗

Transforming K12 Education®

Reports the following data elements in an array:

- activityCode
  - Reports **School ID-Activity Descriptor-Course Number-Section ID**.
    - School ID will use the **School Entity ID** from School Information for the School tied to the student's Enrollment.
    - Activity Descriptor will report the Ed-Fi Code mapped to the **21st CCLC Activity Type** on the Course.
    - Course Number will report the **Course Number**.
    - Section ID will report the **Section ID**.
- attendanceBeginTime
  - Reports the **Time In** value on the Positive Attendance.

School Information

Course

Section

attendanceBeginTime / EndTime:

Positive Attendance

activityDescriptor:

Course

School .entityID

Course .activityType, . number

Section .sectionID

attendanceBeginTime / EndTime:

AttendenceUnit. startTime/

AttendenceUnit. endTime

activityDescriptor:

Course .activityType

Transforming K12 Education®

		• attendanceEndTime 　　◦ Report the **Time Out** value on the Positive Attendance. 　　◦ **Do not report** if Time Out is NULL. • activityDescriptor 　　◦ Reports the Ed-Fi Code mapped to the value selected on **21st CCLC Activity Type** on the Course.				
7	attendanceEventReason	This is optional, does not report.	O	N/A	N/A	N/A
8	educationalEnvironmentDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
9	eventDuration	This is optional, does not report.	O	N/A	N/A	N/A
10	programAttendanceDuration	This is optional, does not report.	O	N/A	N/A	N/A

Transforming K12 Education®

Appendix

Transforming K12 Education®