

Student Program Attendance Events (Arizona 7.1)

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This event entity represents the recording of whether a student is in attendance for a class that takes place during a specific program. It will depend on a student being rostered into a course with Positive Attendance enabled, and a value saved in the new "21st CCLC" droplist on the Course level.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When a new positive attendance event is verified for a student in a course section with the '21st CCLC' droplist is filled in on the Course editor.</p> <ul style="list-style-type: none"> Do not send records if the student's enrollment is marked as a No Show. 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, Section and Attendance Event Category Descriptor. When a previously blank '21st CCLC' droplist is updated to have a value.
Delete/Post	When a previously populated '21st CCLC' droplist is updated to have a different value.
Post	When an attendanceUnit record that is tied to a CCLC-reportable course is updated to delete = '0'.
Put	<p>N/A - only deletes and posts are sent for this Resource.</p> <ul style="list-style-type: none"> If an attendance status is changed, the first event must be deleted from ed-fi and a new record sent. The Attendance Event Category Descriptor is a primary key and does not allow updates in Ed-Fi.
Delete	Delete attendance record if all attendance is removed for the day.
Delete	When an enrollment is deleted or the No Show or State Exclude check boxes are checked.
Delete	If the student is removed from the course section.
Delete	When a previously populated '21st CCLC' droplist is updated to NULL.
Delete	When the attendanceUnit record that is tied to the Student Program Attendance Events record is updated to delete='1'.

Scope Year Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this

object.

Business Rule

Attendance will send to the configured year for the school year the attendance dates are associated with based on the student's enrollment.

- Data will only send for the years that have valid configuration.

Object Data Elements

Data Element Labels in **bold** are part of the Natural Key and are required data elements for Data to send to Ed-Fi.

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
id	The unique identifier of the resource.	M	
educationOrganization Reference	Report the value educationOrganizationId: EducationOrganization Identity Column.	M	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
<p>programReference</p>	<p>The Natural Keys of the Program resource.</p> <ul style="list-style-type: none"> educationOrganizationId: EducationOrganization Identity Column type: Key for Program name: The formal name of the program of instruction, training, services or benefits available through federal, state, or local agencies. <p>Report the following values:</p> <ol style="list-style-type: none"> Report based on the mapped value indicated in the EdFi mapping tool, if it exists, tied to the attribute dictionary item selected. If a mapping does not exist, do not report. <p>Type: 'Support Program'</p>	<p>M</p>	<p>Course Information > 21st CCLC</p> <p>Course.programType</p>
<p>studentReference</p>	<p>The Natural Keys for Students resource.</p> <ul style="list-style-type: none"> studentUniqueld: A unique alphanumeric code assigned to a student. <p>Report the value.</p> <p>Note: The Ed-Fi reports from the Student State ID field.</p>	<p>M</p>	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
attendanceEventCategoryDescriptor	<p>A code describing the attendance event, for example: Present Unexcused absence Excused absence Tardy.</p> <p>Always report code value of '3', tied to 'In Attendance', as positive attendance only captures this type of event</p>	M	
attendanceEventReason	<p>The reason for the absence or tardy.</p> <p>Do not Report.</p>	O	
educationalEnvironmentType	<p>The setting in which a child receives education and related services. This attribute is only used if it differs from the EducationalEnvironment of the Section. This is only used in the AttendanceEvent if different from the associated Section.</p> <p>Do not Report.</p>	O	
eventDate	<p>Date for this attendance event.</p> <p>Report the value.</p>	M	Attendance > Attendance record > Date
activityTimeLogs	<p>An unordered collection of studentProgramAttendanceEventTimeLogs. This event entity adds the time component to a student program attendance participating</p> <p>Report based on Array chart below.</p>	O	Attendance > Positive Attendance > positive attendance record

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
_etag	A unique system-generated value that identifies the version of the resource.	O	

Arrays

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Student Program Attendance Event Activity Time Log

Data Element Label	Business Requirements and Rules	M, C or O	Location
attendanceBeginTime	<p>The time the student began attending this program service.</p> <p>Report the "Time In" value of each positive attendance record tied to the section.</p>	M	Attendance > Positive Attendance > positive attendance record
attendanceEndTime	<p>The time the student stopped attending this program service.</p> <p>Report the "Time Out" value of each positive attendance record tied to the section, corresponding to a reported "Time In" value, if it exists.</p>	O	Attendance > Positive Attendance > positive attendance record
activityDescriptor	<p>Activity performed by a student during the beginning and end time.</p> <p>Report based on the mapped value indicated in the EdFi mapping tool for the 21st CCLC Activity Type field from the course that is tied to the attendance record.</p>	M	Course Information > 21st CCLC Activity Type

Data Element Label	Business Requirements and Rules	M, C or O	Location
activityCode	Differentiating Two Activities in the Same Timeslot. Reports the following: <ul style="list-style-type: none"> • SchoolId-ActivityDescriptor-CourseNumber-SectionId • School Id should be the id of the school attached to the student's enrollment • Activity Descriptor should be the code reporting in the activity descriptor field (above) • Course Number should be the course number of the course the attendance record is tied to • Section ID of the section in which the student is scheduled into for the course the attendance record is tied. 	M	Course Information > 21st CCLC Activity Type Course Information > Number Section Informaiton > Section ID course.number section.sectionID

Type/Descriptor

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Attendance Event Category Descriptor

Code Value	Short Description	Description
1	Excused	Excused
2	Unexcused	Unexcused
3	In Attendance	In Attendance