

Student School Attendance Events (Arizona v3.6)

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

Object Triggering for Negative Attendance

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Object Triggering Logic for AOI Positive Attendance

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Object Triggering Logic for Non-AOI Positive Attendance

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Object Triggering for Learning Modality

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School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

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

Action	Trigger
None	When a resource is toggled to 'OFF' after data has sent, all sent data remains in the ODS but no new data sends.

Action	Trigger
Resync	When a record is in the Ed-Fi Identity Mapping table and not in the ODS, it is deleted from the Ed-Fi Identity Mapping table.
Resync	When a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it is deleted from the ODS.
Resync	When a mapping is changed in Resource Preferences, a resync needs to be done to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Post/Delete	<p>When any part of the Natural Key Changes</p> <ul style="list-style-type: none"> When the School ID changes, all data remains under the old number and a resync needs to be completed to populate data under the new number. The delete tool needs to be used to remove all data from the old School ID. When an Ed-Fi ID changes, this happens with the cascading deletes from the Ed-Fi ID Change trigger. The natural key changes for Student and Sessions results in a delete/post of Student School Attendance Events. When the Attendance Status, Excuse or Date changes, a delete/post occurs.

Scope Year Logic

This table describes scope year logic of this object.

Logic
<p>Attendance sends to the scope year for the school year the attendance dates are associated with based on the student's enrollment.</p> <ul style="list-style-type: none"> Data only sends for the years that have a valid configuration.

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
attendance	Post/Put/Delete	The primary table used for sending data for this resource.

Object Data Elements

This table describes data elements sent within the Student School Attendance Event resource.

Data Element Label	Business Requirements and Rules	M, C or O	Location
id	The unique identifier of the resource.	M	
attendance Event Category Descriptor	Key for Attendance Event Category Type. <ol style="list-style-type: none"> 1. Reports when a student has a verified attendance status/excuse combination. 2. When reporting learning modality: <ul style="list-style-type: none"> ◦ Report 'In Attendance - DL' (4) when student was remote for any portion of the day and was in attendance. ◦ Report 'Absence - DL' (5) when student was remote for any portion of the day and was absent during the time they were supposed to be remote. 	M	Attendance > Status + Excuse attendance.status attendance.excuse
eventDate	Date for this attendance event. Enter the date for the attendance record being reported.	M	Attendance > Date
school Reference	A reference to the related School resource. Reports the fields that are part of the Natural Key for the School resource.	M	

Data Element Label	Business Requirements and Rules	M, C or O	Location
session Reference	<p>A reference to the related Session resource.</p> <ol style="list-style-type: none"> 1. Reports the fields that are part of the Natural Key for the Sessions resource: <ul style="list-style-type: none"> ◦ For sessionName, when the Session Name Override checkbox is checked in the Session resource preferences, then report the 'District Id - Term Descriptor of the term being reported'. ◦ Otherwise, report the Term Descriptor of the term being reported. 2. Only report the Term Type from the Terms that are associated with the date and term schedule for which the attendance is being reported. 	M	
student Reference	<p>A reference to the related Student resource.</p> <p>Reports the fields that are part of the Natural Key for the Student resource.</p> <p>Note: The Ed-Fi ID reports from the Student State ID field.</p>	M	
attendance Event Reason	<p>The reported reason for a student's absence.</p> <p>This is optional, does not report.</p>	O	
educational Environment Descriptor	<p>The setting in which a child receives education and related services.</p> <p>This is optional, does not report.</p>	O	

Data Element Label	Business Requirements and Rules	M, C or O	Location
event Duration	<p>The amount of time for the event as recognized by the school.</p> <p>Absence Amounts must be less than or equal to the Student Membership FTE, since absences are measured in quarter day increments. (For brick and mortar Schools) (0.25, 0.50, 0.75, 1.00)</p> <p>Only report field when reporting attendance. Do not report when reporting Learning Modality.</p> <p>See Arizona Attendance Calculation Appendix below.</p>	C	
instructional Minutes	<p>The amount of time, in minutes, that the student received instruction during the reported attendance period and the "In Attendance" code is used (For AOI schools) (1, 2, 3).</p> <p>Only report for students with attendance code of '017: Positive'.</p> <ul style="list-style-type: none"> Report the sum of all positive attendance minutes entered for the student for that day. 	C	System Administration > Calendar > Calendar > Attendance Type Student Information > General > Enrollments > Attendance Type attendance Unit table
modalityTimeType DescriptorId	<p>The Modality Time Type is defined for a student.</p> <p>When reporting Learning Modality, report 'Percentage'.</p> <p>Otherwise, do not report.</p>	C	

Data Element Label	Business Requirements and Rules	M, C or O	Location
modalityType DescriptorId	<p>The ModalityType is defined for a student.</p> <p>When reporting Learning Modality, report 'Remote'.</p> <p>Otherwise, do not report.</p>	C	
modalityTime	<p>The amount of time, in percentage, the student was either present remote or absent remote in a give day.</p> <p>Valid values are 25, 50, 75, 100.</p> <p>When reporting Learning Modality, see the Arizona Attendance Calculation Appendix.</p> <p>Otherwise, do not report.</p>	C	
etag	<p>A unique system-generated value that identifies the version of the resource.</p>	O	

Types/Descriptors

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Arizona Attendance Calculation Appendix

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