Student School Attendance Events (Wisconsin v3.7.3)

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Tool Search: Ed-Fi

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

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a new attendance event is verified and saved for a student: • Report attendance for each school the student has a Student School Association record for. • Attendance date must fall on or between enrollment start and end dates. • Unknown attendance events will not send an event to Ed-Fi. The original post will not appear until an excuseID is entered in the attendance table. • Do not send records if attendance records are associated with a Calendar when the Exclude check box is checked. • Do not send records if attendance records are associated with a School when the Exclude check box is checked. • Do not send records if attendance records are associated with a student whose enrollment is marked as State Exclude. • A record sends for each distinct Date and Attendance Event Category Descriptor. • Do not send records if attendance records are associated with a student whose enrollment is marked as WISE Exclude. • Do not send records if the Grade Level Exclude check box is checked in the grade level record tied to the calendar the student is enrolled in.
Put	If Attendance Event Reason is changed.
Delete	Delete attendance record if all attendance is removed for the day for that Attendance Event Category Descriptor.
Delete	When an enrollment is deleted.

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	If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.
Resync	If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.
Resync	If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync will need 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.

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Action	Trigger
Post/Delete	If any part of the Natural Key Changes • If the School ID changes, all data will remain under the old number and a resync will need to be completed to populate data under the new number. The delete tool would need to be used to remove all data from the old School ID. If an Ed-Fi ID changes, this will happen with the cascading deletes from the Ed-Fi ID Change trigger. • The natural key changes for Student and Sessions will result in a delete/post of Student School Attendance Events. • If the Attendance Status, Excuse or Date changes a delete/post will occur.

Scope Year Logic

This table describes scope year logic of this object.

Logic
Attendance will send to the scope 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.

Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Attendance Status and Excuse	Attendance Event Category Descriptors

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. Elements in bold are required.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Fie
id	The unique identifier of the resource.		M		

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Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Fie
attendanceEventCategoryDescriptor	A code describing the attendance event, for example: Present, Unexcused absence, Excused absence, Tardy.	1. Reports when a student has a verified attendance status/excuse combination that is mapped to an Ed-Fi code.	M	Attendance> Status + Excuse	attendance.sta attendance.ex
eventDate	Date for this attendance event.	1. Enter the date for the attendance record being reported.	M	Attendance> Date	attendance.da
schoolReference	A reference to the related School resource.	1. Reports the fields that are part of the Natural Key for the School resource.	M		
sessionReference	A reference to the related Session resource.	1. Reports the fields that are part of the Natural Key for the Sessions resource. 2. Only report the Term Type from the Terms tab that is associated with the date and term schedule the attendance is being reported for.	M		
studentReference	A reference to the related Student resource.	1. Reports the fields that are part of the Natural Key for the Student resource.	M		

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Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Fie
attendanceEventReason	The reported reason for a student's absence.	1. Report the first 40 characters from the Comments entered in the Attendance being reported for that day. ◦ If more than 40 characters exist, add .... to indicate additional text not shown. ◦ If there is more than 1 comment entered for that day and they have the same status/excuse code, report the comment from the last period that contains a comment. ◦ If there is more than 1 comment entered for that day and the record have different status/excuse codes, report the comment from each record. ◦ If blank, do not report.	O	Attendance> Comments	attendance.cc
educationalEnvironmentDescriptor	The setting in which a child receives education and related services.	1. This is optional, does not report.	O		
eventDuration	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.	1. This is optional, does not report.	O		

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Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Fie
etag	A unique system-generated value that identifies the version of the resource.		O		

Type/Descriptor

Click here to expand...

Attendance Event Category Descriptor

codeValue	description	namespace	shortDescription
Early departure	Early departure	uri://ed-fi.org/AttendanceEventCategoryDescriptor	Early departure
Excused Absence	Excused Absence	uri://ed-fi.org/AttendanceEventCategoryDescriptor	Excused Absence
In Attendance	In Attendance	uri://ed-fi.org/AttendanceEventCategoryDescriptor	In Attendance
Partial	Partial	uri://ed-fi.org/AttendanceEventCategoryDescriptor	Partial
Tardy	Tardy	uri://ed-fi.org/AttendanceEventCategoryDescriptor	Tardy
Unexcused Absence	Unexcused Absence	uri://ed-fi.org/AttendanceEventCategoryDescriptor	Unexcused Absence

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