Student School Associations (Wisconsin v3.6)

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Tool Search: Ed-Fi

This association represents the school in which a student is enrolled.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a new enrollment is saved for a student. A record will report for each distinct enrollment in a School and Enrollment Start Date. • When a student has two enrollments in the same School, Calendar & Schedule Structure with the same start date, report from the enrollment service type in the following order: 1. P: Primary Enrollment 2. S: Partial/Ancillary 3. N: Special Ed Services • When an enrollment with a higher priority is deleted, the enrollment with lower priority will post a new record. • Do not send a student record for an enrollment that is marked as State Exclude, No Show, or WISE Exclude. • Do not send a record if enrollment is in a calendar marked as State Exclude, Summer School, or in a School marked Exclude. • If Ed-Fi Configuration Profile = Choice + Opt in report a record for all eligible students if Choice = Yes or No on the student's enrollment. • If Ed-Fi Configuration Profile = Choice AND Choice = No on Student enrollment, do not report a record.
Post	When the start date for an enrollment is changed. • When an enrollment with a lower priority is changed, data will not send.
Put	When a State Enrollment Type is updated for a student.
Delete	When an enrollment is deleted.
Delete	When the start date of an enrollment is changed.
Delete	When the State Exclude, No Show, or WISE Exclude check box is checked.

Resource Toggle and Resync Logic

This table describes the Resource Toggle and Trigger logic of this object.

Action	Business Rule
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.
Put	If the natural key of the Calendar Reference is changed, a put will be done to update the Calendar Reference even if the Student School Association resource is turned 'OFF'
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.

Action	Business Rule

Action	Business Rule
Post/Delete	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. • If the enrollment start date changes, all dependent resources will be deleted and reposted. If a dependent resource is turned off, all dependent resources will be deleted and not reposted.
Delete	Cascading Deletes: If the Student School Association is deleted, all dependent resources will be deleted. • Student Parent Associations, Student Education Organization Associations, Student Section Associations, Graduation Plans, Student Program Associations, Student CTE Program Associations, Student Special Education Program Associations, Student Title 1 Part A Program Associations, Student Academic Records, Course Transcripts, Grades, Student Discipline Incident Associations, Discipline Actions, Student Cohort Associations, Student School Attendance Events, Student Section Attendance Events

Scope Year Logic

This table describes scope year logic of this object.

Logic
The record will send to the scope year for the school year the enrollment is associated with.
Data will only send for the years that have valid configuration.

Identity Mapping Object Key

This table describes the Identity Mapping Object Key of this object.

campusObjectType	Object Key Data Source
Enrollment	enrollmentID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
enrollment	Post/Put/Delete	The primary table used for sending data for this resource
person	Post/Delete	Student ID in Student Reference
graduation	Put	Class of School Year Type Reference
programs	Put	Graduation Plan Reference
programparticipation	Put	Graduation Plan Reference

Object Data Elements

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

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
id	The unique identifier of the resource.		M		
entryDate	The month, day, and year on which an individual enters and begins to receive instructional services in a campus.	Report the enrollment start date.	M	Student Information> General> Enrollments> Start Date	enrollment

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
calendarReference	A reference related to the Calendar resource.	Report the Calendar reference for the calendar in which the student is enrolled that is being reported.	O		
classOfSchoolYearType Reference	The year the student is expected to graduate.	This is optional, does not report.	O		
graduationPlanReference	A reference to the related GraduationPlan resource.	This is optional, does not report.	O		
schoolReference	A reference to the related School resource.	Reports the fields that are part of the Natural Key for the School resource.	M		
schoolYearType Reference	The school year the student is being reported in.	This is optional, does not report.	O		
studentReference	A reference to the related Student resource.	Report the reference for the student being reported.	M		
educationPlans	An unordered collection of studentSchoolAssociationEducationPlans. This association represents the school in which a student is enrolled.	This is optional, does not report.	O		
employedWhile Enrolled	An individual who is a paid employee or works in his or her own business, profession, or farm and at the same time is enrolled in secondary, postsecondary, or adult education.	This is optional, does not report.	O		
entryGradeLevel Descriptor	The grade level or primary instructional level at which a student enters and receives services in a school or an educational institution during a given academic session.	1. Report the Ed-Fi Code from the Grade Level mapping for the grade selected on the student's enrollment. 2. If a mapping is not available, the record will error.	M	Student Information> General> Enrollments> Grade	
entryGradeLevel ReasonDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.	This is optional, does not report.	O		
entryTypeDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.	This is optional, does not report.	O		
exitWithdrawDate	The month, day, and year of the first day after the date of an individual''s last attendance at a campus (if known), the day on which an individual graduated, or the date on which it becomes known officially that an individual left school.	Report the enrollment end date.	O	Student Information> General> Enrollments> End Date	enrollment
exitWithdrawType Descriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.	1. Report the Ed-Fi Code Value from the End Status selected. 2. If blank, do not report.	O	Student Information> General> Enrollments> End Status	enrollment
primarySchool	Indicates if a given enrollment record should be considered the primary record for a student. If omitted, the default is true.	1. Report 'True' if State Enrollment Type = P "Primary". 2. Otherwise, if Service Type = P: Primary. 3. Else, report 'False'.	M	Student Information> General> Enrollments> State Enrollment Type Student Information> General> Enrollments> Service Type	enrollment enrollment

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field

termCompletion Indicator	Indicates whether or not a student completed the most recent school term.	1. For the enrollment that determines the entry date.
		2. If State Enrollment Type is NOT = Primary, do not report.
		3. Otherwise, if State Enrollment Type = Primary, continue to calculate.
		4. If the enrollment is ended prior to the last day of the school year.
		  ○ AND end Status = HSC: High School Completion, report TRUE
		  ○ AND end status is any other status, report FALSE
		5. If the current date is after the last day of the school year.
		  ○ AND the enrollment end date is on or after (= >) the last day of the school year, report TRUE
		  ○ AND if the enrollment end date is blank, report TRUE
		6. Otherwise, report FALSE.
			C	Student Information > General > Enrollment > End Date	enrollment

repeatGrade Indicator	An indicator of whether the student is enrolling to repeat a grade level, either by failure or an agreement to hold the student back.	1. Do not report for students Enrolled in a School with Ed-Fi Reporting Option of Choice ONLY or Choice + Private Opt In.
		2. If students are enrolled in a school with Ed-Fi Reporting Option = Public.
		  ○ If State Enrollment Type = Primary.
		  ○ AND If the End Action = Retain on the Enrollment determining reporting, report TRUE.
		    1. Otherwise, report FALSE.
		  ○ If State Enrollment Type is NOT Primary, do not report.
			O	Student Information > General > Enrollment > End Action	enrollment

fullTimeEquivalency	The full-time equivalent ratio for the student s assignment to a school for services or instruction.	Report for Public Profile only. Statuses have special FTE rules. Only report for students with State Enrollment Type = P (Primary), M (Membership), or C (Coursework Only) 1. If student has a Pupil Count record with Program = 5YB, report NULL/blank. ○ If multiple Pupil Count records exist for the student for the config year, report based on the most recent with a Start Date on or prior to current date. 2. If student is enrolled in a grade with a Kindergarten Schedule (system admin > calendar > calendar > grade	R		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
		levels > grade level detail > Kindergarten Schedule) = **E3,E4**, or **E5**, report .5 FTE (Sped Preschool codes).			

Business Rules (continued):

3. If student is enrolled in a grade with Kindergarten Schedule (system admin > calendar > calendar > grade levels > grade level detail > Kindergarten Schedule) **K4a, 50K4N, or 50K4**, report .5 FTE (4YK 437 Hour codes).

4. If student is enrolled in a grade with Kindergarten Schedule (system admin > calendar > calendar > grade levels > grade level detail > Kindergarten Schedule) **K4b or 60K4** report .6 FTE (524 Hour codes).

5. If student is enrolled in a grade with Kindergarten Schedule (system admin > calendar > calendar > grade levels > grade level detail > Kindergarten Schedule) **KGd or 50KG** report .5 FTE (Half Day codes).

6. If student is enrolled in a grade with Kindergarten Schedule (system admin > calendar > calendar > grade levels > grade level detail > Kindergarten Schedule) **KGc or 60KG** report .6 FTE (5YK 3 days codes).

7. If student is enrolled in a grade with Kindergarten Schedule (system admin > calendar > calendar > grade levels > grade level detail > Kindergarten Schedule) **KGb or 80KG** report .8 FTE (5YK 4 days codes).

8. If student is enrolled in a grade with Kindergarten Schedule (system admin > calendar > calendar > grade levels > grade level detail > Kindergarten Schedule) **KGa or 100KG** report 1.0 FTE (5YK 5 days codes).

9. Resident students with the following Census Statuses (Student Information > General > Enrollments > State Reporting) will report 1.0 FTE: **YA, 8, PS**
   - If Resident District (Student Info > General > Enrollments > State Reporting) = Null or reporting district, student = resident **OR** a Pupil Count record exists within the config year with a value of R.
     - If multiple Pupil Count records exist for the student for the config year, report based on the most recent with a Start Date on or prior to current date.

10. Students with the following Residency/Census Status

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
		codes (Student Information > Program Participation > State Programs > Pupil Count) will report 1.0 FTE.			

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field

		○ NR-66.0301, NR-CESA, NR-CCDEB, NR-OE, NR-TW, NR-TP, NR-9-18ST, NR-T, NR-CH, NR-JUV.
		○ If multiple Pupil Count records exist for the student for the config year, report based on the most recent with a Start Date on or prior to current date.
		
		11. Resident students with **State Enrollment Type = Membership** with Residency/Census Status values = R-OUTSIDEAGE or NR-OUTSIDEAGE, report 1.0 FTE
		  ○ If multiple Pupil Count records exist for the student for the config year, report based on the most recent with a Start Date on or prior to current date.
		
		12. If student has a Pupil Count record with a start date that falls within the config year, Residency Status = R and Program = CA (Challenge Academy), report 0.5 FTE.
		  ○ If multiple Pupil Count records exist for the student for the config year, report based on the most recent with a Start Date on or prior to current date.
		
		13. If student has State Enrollment Type = Coursework with Residency/Census Status values = R-Home, NR-Home, or R-Private, report .25 per course up to 2 courses with total FTE<=.50.
		  ○ If multiple Pupil Count records exist for the student for the config year, report based on the most recent with a Start Date on or prior to current date.
		  ○ If student is not enrolled in any classes, report Null.
		
		14. If none of the above scenarios apply, then:
		  ○ If student is enrolled in grade **01-12**, report 1.0 FTE.
		  ○ If student is in a grade level other than those mentioned above (except grade levels with a Kindergarten Schedule), report blank.			

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
		codes (Student Information > Program Participation > State Programs > Pupil			

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
residencyStatus Descriptor	An indication of the location of a persons legal residence relative to (within or outside of) the boundaries of the public school attended and its administrative unit.	This is optional, does not report.	O		
schoolChoiceTransfer	An indication of whether students transferred in or out of the school did so during the school year under the provisions for public school choice in accordance with Title I, Part A, Section 1116.	This is optional, does not report.	O		
studentSchool AssociationExtensions (actualDaysAttendance)	Aggregate value that captures the actual days in attendance for a student.	See actualDaysAttendance in Appendix B below for reporting logic.	O	Student Information > General > Enrollment > Attendance Override OR Calculated from: System Administration > Calendar > Calendar > Grade Level > Standard Day System Administration > Calendar > Calendar > Days System Administration > Calendar > Calendar > Periods Student Information > General > Schedule Student Information > General > Attendance	

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
studentSchoolAssociation Extensions (possibleDays Attendance)	Aggregate value that capture the possible days in attendance for a student.	See possibleDaysAttendance in Appendix B below for reporting logic.	O	Student Information > General > Enrollment > Membership Override OR Calculated from: Student Information > General > Schedule System Administration > Calendar > Calendar > Grade Level > Standard Day System Administration > Calendar > Calendar > Days System Administration > Calendar > Calendar > Periods	
studentSchoolAssociation Extensions (Wi_student SchoolAssociation ReceivingService)	An unordered collection of student School Association Wisconsin Ext Receiving Services.	See Receiving Services in the Array section below for reporting logic.	O		
studentSchoolAssociation Extensions (completedSchoolTerm)	Indicates whether or not a student completed the school term during the school enrollment period. It is collected for every student enrollment record and is not related to graduation. A student could have more than one enrollment record for a school year.	Report Null.	O		
studentSchoolAssociation Extensions (expectedTransferLocal EducationAgency Reference)	A reference to the related EducationOrganization resource.	1. If State Enrollment Type is NOT = Primary, do not report. 2. Otherwise, if State Enrollment Type = Primary, continue to calculate. 3. If Transfer District field is not Null on the most recent enrollment in the school, report the code value of the Transfer District. 4. Otherwise, report blank.	O	Student Information > General > Enrollment > Transfer District	enrollment
studentSchoolAssociation Extensions (expected TransferSchoolReference)	A reference to the related School resource.	1. If State Enrollment Type is NOT = Primary, do not report. 2. Otherwise, if State Enrollment Type = Primary, continue to calculate. 3. If Ed-Fi Transfer School ID is not Null on the most recent enrollment in the school, report the value entered in the field. 4. Otherwise, report blank.	O	Student Information > General > Enrollment > Ed-Fi Transfer School ID	enrollment

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field

studentSchoolAssociation Extensions (privateSchoolChoice ProgramParticipant)	Indicates whether a student is a choice student or not.	1. Report from the Enrollment generating the record.
		   ○ If the enrollment generating the record is in a school where Ed-Fi School Population is marked Choice or Choice + Private Opt in.
		   ○ If Choice student = Y: Yes, report TRUE.
		2. Otherwise, report FALSE.
			O	Student Information > General > Enrollment > Choice Student	enrollment

studentSchoolAssociation Extensions (enrollment Types)	Indicates how a student is enrolled at a school.	**For Config Years 2022-23 and earlier:** 1. If Profile = Public Report the mapped value from the State Enrollment Type 2. If Profile = Choice or Choice + Private Opt In, always report P: Primary	M	Student Information > General > Enrollment > State Enrollment Type	
studentSchoolAssociation Extensions(enrollment TypeDescriptor)	Indicates how a student is enrolled at a school.	**For Config years 2023-24 and later:** 1. If Profile = Public Report the mapped value from the State Enrollment Type 2. If Profile = Choice or Choice + Private Opt In, always report P: Primary	M	Student Information > General > Enrollment > State Enrollment Type	
studentSchoolAssociation Extensions (residencyPeriods)	An indication of the location of a persons legal residence relative to (within or outside of) the boundaries of the public school attended and its administrative unit.	**For Public Profile Only in Config years 2023-24 and later** See array section for details.	M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field

partTimeInstructional Minutes	Instructional minutes for up to two classes for part-time students.	Report the total instructional minutes for the student (up to 2 classes/day) for the current date:
		1. Residency/Census Status code = R-Home, NR-Home, or R-Private
		2. State Enrollment Type = Coursework Only
		3. Student is scheduled in no more than 2 class periods per day
		4. Instructional Time = (Period length - lunch time). Non-instructional periods do not count
		   ◦ Only count days marked in Calendar > Days as School Day, Attendance, AND Instruction (all 3).
		   ◦ If current date is non-instructional (holiday, no attendance, etc), report based on the next closest instructional/attendance day
		   ◦ Examples:
		      1. **Class 2** - minutes = 45 minutes/day x 89 days = 4005 minutes
		      2. **Class 3** - minutes = 75 minutes/day x 89 days = 6675 minutes
			C		

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Arrays

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Appendices

▸ Click here to expand...

Types/Descriptors

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