

WI Ed-Fi Suite 3 API v7.3 Data Standard v5.2: Student School Associations

August
2025

WI Ed-Fi Suite 3 API v7.3 Data Standard v5.2: Student School Associations

Summary

This association represents the School in which a student is enrolled. The semantics of enrollment may differ slightly by state. Non-enrollment relationships between a student and an education organization may be described using the StudentEducationOrganizationAssociation.

Object Triggering

Action	Business Rule(s)
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 • 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 • When school override is populated with a school other than enrollment school
Put	When State Enrollment Type is updated for a student
Delete/Post	When the start date of an enrollment is changed
Delete	When an enrollment is deleted When the State Exclude, No Show, or WISE Exclude check box is checked When School Override is removed or changed to the same school as enrollment school

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools
- Calendars
- Students

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

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.
- The Uses Core Template Rules column indicates if the element uses Infinite Campus Core Ed-Fi rules, has been Localized using DOE rules, or the element has been added by a DOE as an Extended Element.

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool	Database Field	Uses Core Template Rules (Y/N/EXT)
1	entryDate (date-time)	<i>The month, day, and year on which an individual enters and begins to receive instructional services in a campus.</i> 1. Report the enrollment start date	M	Enrollment	enrollment.startDate	Y

2	calendarReference (reference)	<i>A reference related to the Calendar resource</i> 1. If the School Override field is NOT NULL on the Enrollment, select an arbitrary Calendar record from the Override School in the current configuration year to report a. If School Override is NULL or '0', report the calendarID from the Enrollment. 2. If the School Override field on the Enrollment is NOT NULL report the Ed-Fi School Number from the School that is populated. a. If School Override is NULL or '0', report from the Enrollment school	M		Calendar Enrollment	N
3	schoolReference (reference)	<i>A reference to the related School resource</i> 1. Report School Ed-Fi Number first from the School Override on Enrollment a. If School Override is NULL, report from the Enrollment school 2. Reports the fields that are part of the Natural Key for the School resource	M	N/A	N/A	N
4	schoolYearTypeReference (reference)	<i>The school year the student is being reported in</i> 1. Reports the end year of the calendar	O	N/A	N/A	Y

5	studentReference <i>(reference)</i>	<i>A reference to the related Student resource</i> 1. Report the reference for the student being reported	M	N/A	N/A	Y
6	entryGradeLevelDescriptor <i>(string)</i>	<i>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</i> 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	Enrollment	enrollment.grade	Y
7	entryTypeDescriptor <i>(string)</i>	<i>The process by which a student enters a school during a given academic session.</i> 1. Report the Ed-Fi Code Value mapped to the Start Status selected 2. If blank, do not report	M	Enrollment	enrollment.startStatus	Y
8	exitWithdrawDate <i>(date-time)</i>	<i>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. NEDM: Exit/Withdraw Date</i> 1. Report enrollment End Date	C	Enrollment	enrollment.endDate	Y

9	exitWithdrawTypeDescriptor (string)	<i>The circumstances under which the student exited from membership in an educational institution.</i> 1. Report the Ed-Fi Code Value from the End Status selected 2. If blank, do not report	C	Enrollment	enrollment.endStatus	Y
10	schoolChoiceTransfer (boolean)	<i>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</i> 1. Reports 'True' when the checkbox is checked 2. Reports 'False' when the checkbox is not checked.	O	Enrollment	enrollment.schoolChoiceProgram	Y
11	fullTimeEquivalency (number)	<i>The full-time equivalent ratio for the student's assignment to a school for services or instruction. For example, a full-time student would have an FTE value of 1 while a half-time student would have an FTE value of 0.5.</i> 1. Report FTE in General Education. a. If NULL, report attribute default value. b. If attribute default = NULL, does not report.	O	Enrollment	enrollment.percentEnrolled	N

12	primarySchool (boolean)	<i>Indicates if a given enrollment record should be considered the primary record for a student. If omitted, the default is true</i> 1. Report 'True' if State Enrollment Type = P "Primary" 2. Otherwise, if Service Type = P: Primary a. Else, report 'False'	O	Enrollment	enrollmentWI. localServiceType enrollment.type	N
13	termCompletionIndicator (boolean)	<i>Indicates whether or not a student completed the most recent school term.</i> 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 a. AND end Status = HSC: High School Completion, report TRUE b. AND end status is any other status, report FALSE 5. If the current date is after the last day of the school year a. AND the enrollment end date is on or after (= >) the last day of the school year, report TRUE b. AND if the enrollment end date is blank, report TRUE 6. Otherwise, report FALSE	O	Enrollment	enrollment.endDate	N
14	fullTimeEquivalency (number)	<i>The full-time equivalent ratio for the student's assignment to a school for services or instruction.</i>	M	Enrollment		N

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)

- a. If student has a Pupil Count record with Program = 5YB, report NULL /blank
 - i. 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
- b. If student is enrolled in a grade with a Kindergarten Schedule (system admin > calendar > calendar > grade levels > grade level detail > Kindergarten Schedule) = E3,E4, or E5, report .5 FTE (Sped Preschool codes)
- c. 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)
- d. 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)

- e. 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)
- f. 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)
- g. 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)
- h. 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)

- a. Resident students with the following Census Statuses (Student Information > General > Enrollments > State Reporting) will report 1.0 FTE:
YA, 8, PS
 - i. 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
 - 1. 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
- b. Students with the following Residency /Census Status codes (Student Information > Program Participation > State Programs > Pupil Count) will report 1.0 FTE
 - i. NR-66.0301, NR-CESA, NR-CCDEB, NR-OE, NR-TW, NR-TP, NR-9-18ST, NR-T, NR-CH, NR-JUV
 - ii. 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

- c. Resident students with **State Enrollment Type = Membership** with Residency/Census Status values = R-OUTSIDEAGE or NR-OUTSIDEAGE, report 1.0 FTE
 - i. 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
- d. 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 1.0 FTE
 - i. 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
- e. 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
 - i. 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
 - ii. If student is not enrolled in any classes, report Null

		f. If none of the above scenarios apply, then: i. If student is enrolled in grade 01-12, report 1.0 FTE. ii. If student is in a grade level other than those mentioned above (except grade levels with a Kindergarten Schedule), report blank.				
15	enrollmentTypeDescriptor (string)	<i>Indicates how a student is enrolled at a school</i> 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		Enrollment		N
16	nextYearSchoolReference (reference)	<i>indicates where student will attend next year</i> 1. Do not report for students Enrolled in a School with Ed-Fi Configuration Profile = Choice ONLY or Choice + Private Opt In 2. If students are enrolled with State Enrollment Type = P in a school with Ed-Fi Configuration Profile = Public a. Report Transfer School ID (Ed-Fi Code) from most recent enrollment b. If Transfer School ID = NULL, reports the fields that are part of the Natural Key for the School resource from the selected Next Calendar (Future Enrollment)		Enrollment		N

17	schoolChoice (boolean)	<i>An indication of whether the student enrolled in this school under the provisions for public school choice</i> 1. If student is enrolled in a school with Ed-Fi Configuration Profile = Choice or Choice + Private Opt in and: a. Choice Student = Y, report 'true' b. Choice Student = N or NULL, report 'false'		Enrollment		N
18	nextYearGradeLevelDescriptor (string)	<i>The anticipated grade level for the student for the next school year.</i> 1. Do not report for students Enrolled in a School with Ed-Fi Configuration Profile = Choice ONLY or Choice + Private Opt In 2. If students are enrolled with State Enrollment Type = P in a school with Ed-Fi Configuration Profile = Public a. Report from End Action i. If End Action = P, report enrollment Grade + 1 (use seq to determine) ii. If End Action = R, report enrollment Grade iii. If End Action = D, report enrollment Grade - 1 (use seq to determine) b. If End Action = NULL, report Next Grade from Future Enrollment Section		Enrollment		N

19	actualDaysAttendance (number)	<i>Aggregate value that captures the actual days in attendance for a student</i> 1. See actualDaysAttendance in the Appendix below for reporting logic	O	Attendance		EXT
----	----------------------------------	--	---	------------	--	-----

20	partTimeInstructionalMinutes (integer)	<i>Instructional minutes for up to two classes for part-time students</i> For Public Profile Only in Config years 2023-24 and later - Report the total instructional minutes for the student (up to 2 classes/day) for the current date: - Residency/Census Status code = R-Home, NR-Home, or R-Private - State Enrollment Type = Coursework Only - Student is scheduled in no more than 2 class periods per day - 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 - Example: Class 2 - minutes = 45 minutes/day x 89 days = 4005 minutes Class 3 - minutes = 75 minutes/day x 89 days = 6675 minutes	O	Attendance		EXT
----	---	--	---	------------	--	-----

21	possibleDaysAttendance (number)	Aggregate value that capture the possible days in attendance for a student 1. See possibleDaysAttendance in the Appendix below for reporting logic	O	Attendance		EXT
----	------------------------------------	--	---	------------	--	-----

22	receivingServices (array)	<i>An unordered collection of studentSchoolAssociationReceivingServices. The status of a student during a specific count date</i> For Public Profile Only in Config years 2023-24 and later 1. Accountability Reporting (3FS and O1) a. If a student has a State Enrollment Type of PPP and is a sped student (locked iep), they should only report O1 b. If student has a State Enrollment Type of Primary and they are not a sped student (locked iep), report 3FS only c. If student has a State Enrollment Type of Primary and they are a sped student (locked iep), report both 3FS and O1 d. If student has a State Enrollment Type of Coursework only, do not report Pupil Count Reporting (M-3FS, M-2FJ, M-1FM) a. Only report for Public Profile configurations b. Only report for students with State Enrollment Type = Primary, Membership, or Coursework Only c. Do not report for student with State Enrollment Type = PPP 2. See array for field specific details	O			EXT
----	------------------------------	---	---	--	--	-----

23	residencyPeriods (array)	An unordered collection of studentSchoolAssociationResidencyPeriods. The Residency Status of a student for a given portion of a StudentSchoolAssociation when other than a full-time resident for the entire StudentSchoolAssociation. For Public Profile Only in Config years 2023-24 and later 1. If a Pupil Count record does NOT exist for the student, they are considered a 'R - Resident' student and should report a record 2. If multiple Pupil Count records exist and one record = R and the other does not, report both records 3. See array for field specific details	O			EXT
24	expectedTransferLocalEducationAgencyReference (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	Θ	Enrollment		EXT

25	expectedTransferSchoolReference (reference)	A reference to the related School resource. If State Enrollment Type is NOT = Primary, do not report Otherwise, if State Enrollment Type = Primary, continue to calculate If Ed-Fi Transfer School ID is not Null on the most recent enrollment in the school, report the value entered in the field Otherwise, report blank	Θ	Enrollment		EXT
26	privateSchoolChoiceProgramParticipant (boolean)	Indicates whether a student is a choice student or not 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 Otherwise, report FALSE	Θ	Enrollment		EXT
27	repeatGradeIndicator	This is optional, does not report.	O	N/A	N/A	N
28	classOfSchoolYearTypeReference	This is optional, does not report.	O	N/A	N/A	N
29	schoolChoiceTransfer	This is optional, does not report.	O	N/A	N/A	N

30	residencyStatusDescriptor	1. This is optional, does not report.	O	N/A	N/A	N
31	graduationPlanReference	1. This is optional, does not report.	O	N/A	N/A	N
32	repeatGradeIndicator	1. This is optional, does not report.	O	N/A	N/A	N
33	entryGradeLevelReasonDescriptor (string)	1. This is optional, does not report.	O	N/A	N/A	Y
34	employedWhileEnrolled (boolean)	1. This is optional, does not report.	O	N/A	N/A	Y
35	educationPlans (array)	1. This is optional, does not report.	O	N/A	N/A	Y

Arrays

Receiving Services

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool	Database Field	Uses Core Template Rules (Y/N/EXT)
1	countDateNameDescriptor	The count date name for the student status (e.g 3rd Fri Sept)	M			EXT

Count Date (3FS, O1):

1. Report in the record that is active and of the highest order on the Count Date
 - a. Only report if State Enrollment type = Primary or PPP
 - b. If State Enrollment Type for the enrollment determining the record = Coursework only, do not add values to the array

2. **If the date is on or after the third Friday in September add the Ed Fi value from the Count Date Name Type for 3rd Friday in September to the array if the student meets the following criteria**
 - a. Report only for the record reporting Attendance in SE30 and SE40
 - b. The enrollment determining the record is in a calendar in a school where Ed-Fi School Population = Public
 - i. And the student's enrollment is active on the third Friday in September (not JUST the effective date for determining attendance, the physical #3 Friday in September on the real calendar)
 - ii. ~~And the student enrollment corresponding to the record has Parent Placement Pri-School = No or blank/ NULL~~
 - iii. And the State Enrollment Type for the student enrollment corresponding to the record = Primary
 - c. OR
 - d. The enrollment determining the record is in a calendar in a school where Ed-Fi School Population = Choice OR Choice + Private Opt In
 - i. And the student's enrollment is active on the third Friday in September (not JUST the effective date for determining attendance, the physical #3 Friday in September on the real calendar)
 - ii. And the State Enrollment Type for the student enrollment corresponding to the record = Primary
 - e. Otherwise, do not add values to the array

3. If the date is on or after October 1st

- a. Add the Ed Fi value from the Count Date Name Type for October 1st to the array If the student meets all of the following criteria:
 - i. the enrollment determining the record is in a calendar in a school where Ed-Fi School Population = Public
 - ii. the student's enrollment is active on October 1st (10/01/XX)
 - iii. the State Enrollment Type = PPP and the student has an active, locked IEP for the enrollment determining the record
 - iv. or State Enrollment Type = Primary and the student has an active, locked IEP for the enrollment determining the record
- b. Otherwise, do not add values to the array

Pupil Count/Membership:

1. Report in the record that is active and of the highest order on the Membership Date
 - a. Only report for students with State Enrollment Type = Primary, Membership, or Coursework Only for Public profile only:
 - b. Note: Do not report for students with State Enrollment Type = PPP
2. M-1FM

- a. **If the date is on or after the 1st Friday of May, add the Ed Fi value from the Count Date Name Type for M-1FM to the array if the student meets the following criteria:**
 - i. Only show countDateNameDescriptor if entityID = 4387
 - 1. If the Alternate Membership Count Date for 1st Friday of May for the configuration being reported is populated, report based on this date instead of 1st Friday of May
 - ii. The enrollment determining the record is in a calendar in a school where Ed-Fi School Population = Public
 - 1. And the student's enrollment is active on the 1st Friday of May or override date
 - iii. Otherwise, do not add values to the array
- b. M-3FS
 - i. **If the date is on or after the 3rd Friday of Sept, add the Ed Fi value from the Count Date Name Type for M-3FS to the array if the student meets the following criteria:**
 - 1. If the Alternate Membership Count Date for 3rd Fri of Sept for the configuration being reported is populated, report based on this date instead of 3rd Friday of Sept
 - ii. The enrollment determining the record is in a calendar in a school where Ed-Fi School Population = Public
 - 1. And the student's enrollment is active on the 3rd Friday of Sept or override date
 - iii. Otherwise, do not add values to the array

		c. M-2FJ If the date is on or after the 2nd Friday of Jan, add the Ed Fi value from the Count Date Name Type for M-2FJ to the array if the student meets the following criteria: - If the Alternate Membership Count Date for 2nd Friday of Jan for the configuration being reported is populated, report based on this date instead of 2nd Friday of Jan - The enrollment determining the record is in a calendar in a school where Ed-Fi School Population = Public - And the student's enrollment is active on the 2nd Friday of Jan or override date - Otherwise, do not add values to the array				
2	countDateReceivingServiceDescriptor	<i>The status of the student during the specific count date (e.g. Present)</i> Count Date (3FS, O1) - Report in the record that is active and of the highest order on the Count Date - Only report if State Enrollment type = Primary or PPP - If State Enrollment Type for the enrollment determining the record = Coursework only, do not add values to the array 3FS Reporting:	M			EXT

1. If the date is on or after the third Friday in September
 - a. If the third Friday in September is an Instructional, School, Attendance day; use that date for the calculation
 - b. Otherwise, use the closest Instructional, School, Attendance day PRIOR to the third Friday in September
2. Determine if the student is reportable for 3FS
 - a. If the student is not enrolled on that date, do not add to the array
 - b. Report only for the record reporting Attendance in SE30 and SE40
 - c. If the enrollment determining the record is in a calendar in a school where Ed-Fi School Population = Public AND the student's enrollment sending the record has a State Enrollment Type = PPP ~~is marked Parent Placed Pri. = Yes~~, do NOT add to the array
3. Determine the student's attendance status for that date for 3FS
 - a. Report first from the 3rd Friday Count Date Override field;
 - i. If not NULL, add the Ed-fi value for the value saved in the field to the array

- b. Otherwise, if the 3rd Friday Count Date Override field is blank,
 - i. If the student does not have a schedule in the enrollment calendar or their schedule was ended prior to the count date in all calendars, report 'A' and add the value for count Date Receiving Service Type to the array
 - ii. If the student has a schedule in the calendar, but their schedule does not meet on the count date, use the closest Instructional, School, Attendance day PRIOR to the count date where the student's schedule meets.
 - iii. If the student has a schedule and has no attendance marks, report 'P' and add the value for count Date Receiving Service Type to the array
- c. If the student has a "regular" schedule and has attendance marks of Absent Excused or Absent Unexcused, calculate the total number of minutes present for the student (If a student's enrollment determining the record has Percent Enrolled of 51 -100, or NULL the student is considered a Full Schedule student)
 - i. If the student is present 33% of their schedule minutes or more minutes, add 'P' and add the value for count Date Receiving Service Type to the array
 - ii. Otherwise, if the student has less than 33% minutes present but at least 1 minute or of Attendance on the count date, report 'A' and add the value for count Date Receiving Service Type to the array

- d. If the student has a "partial" schedule and has attendance marks of Absent Excused or Absent Unexcused, calculate the total number of minutes present for the student (If a student's enrollment determining the record has Percent Enrolled of 50 or less the student is considered a Partially Scheduled student)
 - i. If the student is present 1 or more minutes, add 'P' and add the value for count Date Receiving Service Type to the array
- e. If the student is absent (with 0 minutes Present) on the Count Date, check the student's previous attendance in the current calendar
 - i. If the student has 0 minutes of present attendance on all prior days in the calendar, report 'A' and add the value to the array
 - ii. If the student has at least 1 minute of present attendance on any date prior to the Count Date
 - 1. If the the current date = the Count Date, report 'A' and add the value to the array
 - 2. If the current date is AFTER the count date, if the student has at least 1 minute present attendance on any date after the Count date, update the array to report 'A'

Oct 1 (O1) Reporting:

1. If the date is on or after October 1st
 - a. If the 10/1 is an Instructional school attendance date, use that date for the calculation
 - b. Otherwise, use the closest Instructional school attendance day PRIOR to 10/1 for attendance calculation only
2. **Determine if the student is reportable:**
 - a. If the enrollment determining the record is in a calendar in a school where Ed-Fi School Population is marked Choice or Choice + Private Opt In, do not add a value to the array
 - b. If the Student does not have a locked IEP or ISP that overlaps the enrollment reporting
 - i. Or if the locked Plan and has Special Ed Status = No, do not add a value to the array
 - c. If the Student has a locked IEP that overlaps Oct 1 BUT has a SPED exit date before Oct 1, do not add to the array
 - d. If the Student has an active, locked IEP that overlaps Oct 1 and a State Enrollment Type = Primary, add a value to the array
 - e. Otherwise, continue the calculation to determine their status
3. Determine the student's attendance status for that date
 - a. If the student is not enrolled on Oct 1, do not add to the array
 - b. Report first from the Oct. 1 Count Date Override field;
 - i. If not NULL, add the Ed-fi value for the value saved in the field to the array

- c. Otherwise, if the Oct. 1 Count Date Override field is blank, determine if the student is Parentally Place Private
 - i. If the student's enrollment sending the record has a State Enrollment Type = PPP ~~is marked Parent Placed Pri. = Yes~~, report 'P' and add that value for the count Date Receiving Service Type to the array
- d. Otherwise, use their schedule to determine the value to report
- e. If the student does not have a schedule in the enrollment calendar
 - i. OR their schedule was ended prior to the count date in all calendars
 - ii. OR their schedule starts after the count date
 - iii. THEN report 'A' and add the value for count Date Receiving Service Type to the array
- f. If the student has a schedule in the calendar, but their schedule does not meet on the count date, use the closest Instructional, School, Attendance day PRIOR to the count date where the student's schedule meets.
- g. If the student has a schedule and has no attendance marks, report 'P' and add the value for count Date Receiving Service Type to the array

- h. If the student has a "regular" schedule and has attendance marks of Absent Excused or Absent Unexcused, calculate the total number of minutes present for the student (If a student's enrollment determining the record has Percent Enrolled of 51 -100, or NULL the student is considered a Full Schedule student)
 - i. If the student is present 33% of their schedule minutes or more minutes, add 'P' and add the value for count Date Receiving Service Type to the array
 - ii. Otherwise, if the student has less than 33% minutes present but at least 1 minute or of Attendance on the count date, report 'A' and add the value for count Date Receiving Service Type to the array
- i. If the student has a "partial" schedule and has attendance marks of Absent Excused or Absent Unexcused, calculate the total number of minutes present for the student (If a student's enrollment determining the record has Percent Enrolled of 50 or less the student is considered a Partially Scheduled student)
 - i. If the student is present 1 or more minutes, add 'P' and add the value for count Date Receiving Service Type to the array

- j. If the student is absent (with 0 minutes Present) on the Count Date, check the student's previous attendance in the current calendar
 - i. If the student has 0 minutes of present attendance on all prior days in the calendar, report 'A' and add the value to the array
 - ii. If the student has at least 1 minute of present attendance on any date prior to the Count Date
 - 1. If the the current date = the Count Date, report 'A' and add the value to the array
 - 2. If the current date is AFTER the count date, if the student has at least 1 minute present attendance on any date after the Count date, update the array to report 'A'

Pupil Count/Membership:

- 1. Only report for students with State Enrollment Type = Primary, Membership, or Coursework Only for Public profile only:
 - a. Note: Do not report for students with State Enrollment Type = PPP
 - b. **M-1FM**
 - i. **If the date is on or after the 1st Friday of May, add the Ed-Fi value from the Count Date Name Type for M-1FM to the array if the student meets the following criteria:**
 - 1. Only show countDateNameDescriptor if entityID = 4387

2. If the Alternate Membership Count Date for 1st Friday of May for the configuration being reported is populated, report based on this date instead of 1st Friday of May
3. If the student has a value selected for 1st Fri of May Ovr - Milwaukee (Student Info > State Programs > Pupil Count), report the value
 - a. Pupil Count record must overlap enrollment being reported

4. If the override field is blank:
 - a. Report 'Not Receiving Services' if the student is absent on count date and has 0 attendance before count date for the config/school year
 - b. Report student as 'Present' if all of the following are true and entityId = 4387 (Milwaukee):
 - i. Student must be scheduled for at least one instructional period on the 1st Friday of May, and:
 - ii. The student is present in that period on the 1st Friday of May (a period with no absence)
 1. Absences with a Status of "Early Release" or "Tardy" or "Present" are ignored by the logic (not considered absences)
 2. Absences must have a Status of "A" on the effective date to count in this calculation.
 3. Absences with an Excuse of "Exempt" are ignored by the logic (not considered absences). All other Excuses are accepted
 - c. If the student is absent on count date but present for at least 1 day before count date for the school year and is a resident of the district (census status = any resident codes), report 'Absent'

c. M-3FS

- i. **If the date is on or after the 3rd Friday of Sept, add the Ed Fi value from the Count Date Name Type for M-3FS to the array if the student meets the following criteria:**
 1. If the Alternate Membership Count Date for 3rd Fri of Sept for the configuration being reported is populated, report based on this date instead of 3rd Friday of Sept
 2. If student has a value selected for the 3rd Fri of Sept Mem Override (Student Info > State Programs > State Programs > Pupil Count), report the value
 - a. Pupil Count record must overlap enrollment being reported

3. If override field is blank:
 - a. Report 'Not Receiving Services' if the student is absent on count date and has 0 attendance before count date for the config/school year
 - b. Report student as 'Present' if all of the following are true and entityId = 4387 (Milwaukee):
 - i. Student must be scheduled for at least one instructional period on the 1st Friday of May, and:
 - ii. The student is present in that period on the 1st Friday of May (a period with no absence)
 1. Absences with a Status of "Early Release" or "Tardy" or "Present" are ignored by the logic (not considered absences)
 2. Absences must have a Status of "A" on the effective date to count in this calculation.
 3. Absences with an Excuse of "Exempt" are ignored by the logic (not considered absences). All other Excuses are accepted
 - c. If the student is absent on count date but present for at least 1 day before count date for the school year and is a resident of the district (census status = any resident codes), report 'Absent'

d. M-2FJ

- i. **If the date is on or after the 2nd Friday of Jan, add the Ed Fi value from the Count Date Name Type for M-2FJ to the array if the student meets the following criteria:**
 1. If the Alternate Membership Count Date for 2nd Friday of Jan for the configuration being reported is populated, report based on this date instead of 2nd Friday of Jan
 2. If student has a value selected for the 2nd Fri of Jan Mem Override (Student Info > State Programs > Pupil Count), report the value
 - a. Pupil Count record must overlap enrollment being reported

		3. If override field is blank: - Report 'Not Receiving Services' if the student is absent on count date and has 0 attendance before count date for the config/school year - Report student as 'Present' if all of the following are true: - Student must be scheduled for at least one instructional period on the 2nd Friday of January, and: - The student is present in that period on the 2nd Friday of January (a period with no absence). - Absences with a Status of "Early Release" or "Tardy" or "Present" are ignored by the logic (not considered absences). - Absences must have a Status of "A" on the effective date to count in this calculation. - Absences with an Excuse of "Exempt" are ignored by the logic (not considered absences). All other Excuses are accepted. - If the student is absent on count date but present for at least 1 day before count date for the school year and is a resident of the district (census status = any resident codes), report 'Absent'				
--	--	--	--	--	--	--

Residency Periods

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool	Database Field	Uses Core Template Rules (Y/N/EXT)
1	residencyStatusDescriptor <i>(string)</i>	<i>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.</i> 1. Report the value selected from the Residency/Census Status field on the new Pupil Count state program tab a. Student must have a record with a start date that falls within the config year i. If multiple records exist, report each record	M	Pupil Count		EXT
2	beginDate <i>(date)</i>	<i>The month, day, and year on which the student entered the residency status.</i> 1. Report the Start Date of the Pupil Count record from the Pupil Count state program tab that falls within the config year	M	Pupil Count		EXT

3	endDate (date)	<i>The month, day, and year on which the student exited the residency status.</i> 1. Report the End Date populated for the Pupil Count record, if it exists	O	Pupil Count		EXT
4	residentLocalEducationAgencyReference (reference)	<i>residentLocalEducationAgencyReference</i> 1. localEducationAgencyId a. Report the value selected in Resident District (Student Info > General > Enrollments > State Reporting Fields > Resident District) if different than the reporting district (when only 1 credential exists for the configuration) i. If multiple credentials exist for the configuration for the config year and Resident District on enrollment is populated with a value that is different from the District Number in the Configuration > Credentials, report the entityID for the Resident District value on enrollment 1. If the Resident District on enrollment is null, report the District Number from the Credentials area of the configuration 2. If both Resident District and District Number on configuration are null, do not report the extended element	O	Enrollment		EXT

Appendix

Appendix A: Object Triggering with Multiple Enrollments

Reference	Description	Logic/ Conditions	Visualization(s)/ Results
1	Deleting enrollments when there are multiple concurrent enrollments	1. A Primary (P) and Special Ed (N) enrollment exist and an Ed-fi record posts with Attendance data 2. The Primary (P) enrollment is deleted 3. The Special Ed (N) enrollment is not changed or edited in any way (See R1.BR5 and R4)	Expected Results: The StudentSchoolAssociationWIExt record with the start date of the Primary Enrollment is deleted when the Primary enrollment is deleted A new StudentSchoolAssociationWIExt record is created and attendance is recalculated based on only the remaining existing Partial enrollment

Appendix B: Attendance Calculations

Data Element	Logic
actualDaysAttendance (DE80)	

1. Report this element for only one (1) active record per school based on the highest order of enrollments in R1.BR4
 - a. Only report for enrollments where State Enrollment type = Primary
 - b. Report blank for all other records
 - c. If there are multiple enrollments and the determining enrollment is ended, report in the next most recent by start date
2. Report an aggregate from all enrollments in the school the have the same start date
3. Report first from the Attendance Override field on Enrollment if entered on any of the enrollments fitting the requirements in 1 and 1.b
4. Otherwise if Membership Override is NULL/ blank on all reporting Enrollments, continue on to the calculation
5. Report using calculation based on the Grade Level, Standard Day setting for the reporting enrollment's grade (System Administration > Calendar > Calendar > Grade Level > Standard Day)
 - a. If a student's enrollment determining the record has a grade level where Standard day = 0.5, the student is considered a Partially Scheduled student and the Partially Scheduled Students calculation should be used to determine their Attendance.
 - b. If the Grade Level does NOT have Standard day = 0.5, determine which calculation to use based on the student's Percent Enrolled
6. Report using calculation based on the student's Percent Enrolled
 - a. If a student's enrollment determining the record has Percent Enrolled of 51 -100, or NULL the student is considered a Full Schedule student
 - b. If a student's enrollment determining the record has Percent Enrolled of 50 or less the student is considered a Partially Scheduled student

Full Schedule Students calculation

1. For each day that meets the following where the student has a schedule
 - a. instructional, attendance, school date are checked
 - b. Day event is NOT 99: Health Emergency (these days MUST be ignored in the calculation)
2. Includes both Regular and Cross-Site schedules in the calculation
3. If the student meets the above AND has no attendance marks, add 1 to actual days of attendance for that date
4. If the student meets the above has attendance marks of Absent Excused or Absent Unexcused, calculate the total number of scheduled minutes for the student and the total minutes present for the student on that day
 - a. If the student's present minutes are 66% or more of the calculated minutes scheduled, add 1 to the actual days of attendance for that date
 - b. If the student's present minutes are 33% or more but less than 66% time present, add a half day (0.5) to the actual days of attendance for that date
 - c. If the student less than 33% time present, do not add any days (0) to the actual days of attendance for that date

Partially Scheduled Students calculation

	- For each day that meets the following where the student has a schedule - instructional, attendance, school date are checked - Day event is NOT 99: Health Emergency (these days MUST be ignored in the calculation) - Includes both Regular and Cross-Site schedules in the calculation - If the student has no attendance marks, add 0.5 to actual days of attendance for that date - If the student has attendance marks of Absent Excused or Absent Unexcused but is present 1 or more minutes, add 0.5 to actual days of attendance for that date - If the student has attendance marks of Absent Excused or Absent Unexcused for the entire day with 0 minutes present, do not add any days (0) to the actual days of attendance for that date
possibleDaysAttendance (DE90)	Report this element for only one (1) active record per school based on the highest order of enrollments in R1.BR4 - Only report for enrollments where State Enrollment Type = Primary - Report blank for all other records - If there are multiple enrollments and the determining enrollment is ended, report in the next most recent by start date - Report an aggregate from all enrollments in the school that have the same start date - Report first from the Membership Override field on Enrollment if entered on any of the enrollments fitting the requirements in 1 and 1.b - Otherwise if Membership Override is NULL/ blank on all reporting Enrollments, continue on to the calculation - Report using calculation based on the Grade Level, Standard Day setting for the reporting enrollment's grade (System Administration > Calendar > Calendar > Grade Level > Standard Day) - If a student's enrollment determining the record has a grade level where Standard day = 0.5, the student is considered a Partially Scheduled student and the Partially Scheduled Students calculation should be used to determine their Attendance. - If the Grade Level does NOT have Standard day = 0.5, determine which calculation to use based on the student's Percent Enrolled - Report using calculation based on the student's Percent Enrolled - If a student's enrollment determining the record has Percent Enrolled of 51 -100, or NULL the student is considered a Full Schedule student - If a student's enrollment determining the record has Percent Enrolled of 50 or less the student is considered a Partially Scheduled student Full Schedule Students calculation

1. For each enrollment included in the record calculation from the enrollment start date to the current date, count the unique days of enrollment in each calendar for the days marked Instruction, School, and Attendance AND day event is NOT 99: Health Emergency (the days with this day event must be excluded from the calculation)
 - a. If the student is not scheduled on that date, do not add any possible days of attendance for that date
 - i. If the student is scheduled into Attendance taking courses, add 1 to the possible days of attendance
 - b. Includes both Regular and Cross-Site schedules in the calculation

Partially Scheduled Students calculation

1. For each enrollment included in the record calculation from the enrollment start date to the current date, count the unique days of enrollment in each calendar for the days marked Instruction, School, and Attendance AND day event is NOT 99: Health Emergency (the days with this day event must be excluded from the calculation)
 - a. If the student is not scheduled on that date, do not add any possible days of attendance for that date
 1. If the student is scheduled into Attendance taking courses, add 0.5 to the possible days of attendance
 - b. Includes both Regular and Cross-Site schedules in the calculation

Report the total of all possible days of attendance from the beginning of the enrollment to the current date