Wyoming Ed-Fi Data

Last Modified on 05/14/2025 10:17 am CDT

Understand Object Triggering Tables | Understand Object Data Element Tables | UnderstandType/Descriptor Tables | Entities and Elements | Additional Logic and Considerations

Tool Search: Ed-Fi

This article defines all of the elements of data sent per entity between Campus and the Ed-Fi system.

- - Future data is suppressed when syncing data from Campus to Ed-Fi. Only past and present data is synced.
    - Data in calendars marked as Exclude will not send data to Ed-Fi.
    - Person-related records do not trigger a send of data to Ed-Fi if the person does not have an Ed-Fi ID value assigned.
    - Ed-Fi ignores custom field data entered in Campus.

See the following articles for more information about setting up Ed-Fi within Campus:

- Wyoming Ed-Fi Setup Checklist
- Ed-Fi v2.0 - Ed-Fi Connection Configuration Tool - Set Resource Preferences
- Ed-Fi Configuration Tool - Configure Ed-Fi Connection

An entity is a collection of related data which is sent in a cluster of data elements from Campus to Ed-Fi. Select the following links to view what data elements are contained and sent within that entity:

- Calendar Dates
- Class Periods
- Cohorts
- Course Offering
- Course Transcripts
- Course
- Discipline Action
- Discipline Incident
- Grade
- Grading Periods
- Graduation Plan
- Locations
- Parents
- Programs
- Section
- Sessions
- Staff Cohort Association

- Staff Education Organization Assignment Association
- Staff Education Organization Employment Association
- Staff Education Organization Identity Associations
- Staff
- Staff School Association
- Student Academic Record
- Student Cohort Association
- Student CTE Program Association
- Student Discipline Incident Association
- Student Parent Association
- Student Program Associations
- Student School Association
- Student School Attendance Event
- Student Section Association
- Student Section Attendance Event
- Student
- Student Special Education Program Association
- Student Title 1 Part A Program Association

Understand Object Triggering Tables

The Object Triggering Logic Tables describe what actions within Campus result in data being triggered to sync to Ed-Fi.

Image 1: Example of an Object Triggering Logic Table

The following table lists the definition of each potential Action:

Action	Definition
Post	This will insert new records and data within Ed-Fi.
Put	This action will update existing information within Ed-Fi.
Get	This action is used for items that are pre-loaded by ADE. For example, Courses and Programs.
Delete	This will delete records and data within Ed-Fi.

Understand Object Data Element Tables

The Object Data Element tables describe all of the elements contained within a reporting entity. Each element is given a description of what it is and any potential logic used to calculate the element, if the element is mandatory for reporting to Ed-Fi (indicated by an M), where the data is pulled from the Campus database and where the pulled information is entered within the Campus UI.

Elements marked as **M** are mandatory elements which must report data to Ed-Fi in order to meet reporting requirements. Elements marked as **O** are optional elements which are not mandatory for the Ed-Fi requirement but can be populated and report data for additional state-specific reporting purposes. Elements listed as **C** are conditional elements which are not required to report but will report data if the data is present within Campus.

Image 2: Example of a Object Data Elements Table

UnderstandType/Descriptor Tables

The Type/Descriptor section describes each element and their corresponding Campus to Ed-Fi value translation that is occurring.

If the element is reporting a **Descriptor**, the **Ed-Fi Code Value** is reported.

If the element is reporting a **Type**, the **Ed-Fi Short Description** is reported.

Image 3: Example of a Type/Descriptor Table

Entities and Elements

The following lists all the currently available and syncing entities and their respective elements.

Calendar Dates

This entity represents a day in the school calendar.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Days report by school not calendar in Ed-Fi, so when working with multiple calendars/schedule structures it is possible a day could be reporting even if it is not in the calendar you are working in.

Action	Trigger
Post	When a Day and/or a Day Event is created and saved or the Instruction check box is checked. • Days can be set either manually or by the Day Reset tool. • Day Events can be set either manually or by the Multi Day Event Wizard. • Send a record for each date that meets the reporting criteria. • When there is more than 1 calendar/schedule structure, any day that has a day event will report. If the same day in multiple calendars have events that are not the same, all events will report. • If the same day in different calendar/schedule structures have the same event, only 1 record will report. • Do not send a record if the Calendar Exclude checkbox is checked.
Put	When a Day Event or Duration is changed and saved.
Delete	When the Instruction check box is unchecked or a Day Event is deleted and saved. • When removing a day event there must only be 1 day event reported to send a delete. If there is more than 1 it will update the day, not delete.

Scope Year Logic

▸ Click here to expand...

This table describes scope year logic of this object.

Logic
Reports the calendar dates in the scope year that the calendar is aligned to
Data will only send for the years that have valid configuration.
Future Years data will be suppressed until the Active Year is changed: • This allows the Schedule Wizard to be used and reducing the number of records sent until the final schedule is completed. • A resync must be done after the Active Year is changed to send data.

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Calendar Dates resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M		
schoolReference	Reports data from the SchoolID field that is part of the natural key for the Schools resource. The following elements are reported: • schoolID	M	School.entityID	System Administration > Resources > School > Entity ID

Data Element	Description		Campus Database Field	Campus GUI Location
date	Month, day, and year of the date being reported.	M	Day.date	System Administration > Calendar > Calendar > Days > Date
calendarEvents	An unordered collection of calendarDateCalendarEvents. This entity represents a day in the school calendar. • Data is reported from the Day or Day Event for the Date being reported. See the Calendar Event Descriptor table in the Type/Descriptor section below.		N/A	N/A
	Calendar Event Descriptor	This descriptor hold the types of scheduled or unscheduled events for the day. Logic reports as follows: • Reports 'Instructional Day' if the Instructional Day box is marked on the day. • Otherwise, logic reports the Ed-Fi code from the data dictionary of the Day Event that is selected and saved. • If Instruction is not marked for the day and there is not a day event mapped to an Ed-Fi code, no record is reported. See the Calendar Event Descriptor table in the Type/Descriptor section below.	M	Day.instruction	System Administration > Calendar > Calendar > Day
	eventDuration	Reports the duration of the day event being reported	O	N/A	N/A
_etag	A unique system-generated value that identifies the version of the resource. This does not report.	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Calendar Event Descriptor**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Emergency day	Emergency day	Emergency day
Holiday	Holiday	Holiday
Instructional day	Instructional day	Instructional day
Make-up day	Make-up day	Make-up day
Other	Other	Other
Student late arrival/early dismissal	Student late arrival/early dismissal	Student late arrival/early dismissal
Weather day	Weather day	Weather day
Teacher only day	Teacher only day	Teacher only day

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Strike	Strike	Strike

Class Periods

This entity represents the designation of a regularly scheduled series of class meetings at designated times and days of the week.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a Period Schedule is created and saved. • A separate record will be sent for each Period Schedule/Period Name/Schedule Structure ID combination created. • Do not send records if the Calendar Exclude check box is checked
Post	When a Period Schedule Name or Period Name is changed and saved.
Delete	When a Period Schedule Name or Period Name is changed and saved.
Delete	When a Period Schedule or Period is deleted.

Scope Year Logic

▸ Click here to expand...

This table describes scope year logic of this object.

Logic
Reports the class periods in the scope year that the calendar is aligned to.
Data will only send for the years that have valid configuration.
Future Years data will be suppressed until the Active Year is changed: • This allows the Schedule Wizard to be used and reducing the number of records sent until the final schedule is completed. • A resync must be done after the Active Year is changed to send data.

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Class Periods resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource	M	N/A	N/A
schoolReference	Reports data from the SchoolID field that is part of the natural key for the Schools resource. The following elements are reported: • schoolID	M	School.entityID	System Administration > Resources > School > Entity ID

Data Element	Description		Campus Database Field	Campus GUI Location
name	Indicates the portion of a typical daily session in which students receive instruction in a specified subject (e.g., morning, sixth period, block period, etc). The Period Schedule Name + Period Name + Schedule Structure ID reports (with a space between each value). The maximum value for this field is 20 characters. The Period Schedule Name or Period Name may have to be abbreviated if the concatenation exceeds the 20 character limit.	M	PeriodSchedule.name Period.name ScheduleStructure. structureID	System Administration > Calendar > Calendar > Periods
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Cohorts

This entity represents the physical space where students gather for a particular class/section. The location may be an indoor or outdoor area designated for the purpose of meeting the educational needs of students.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a Program Session is added and is mapped to a Cohort Type. • The Program can only be created from Program Admin> Programs> Programs tab
Put	When the Category or Description changes.
Post/Delete	When the Program mapping changes.
Delete	When the Program Session is deleted.

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Cohorts resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource	M	N/A	N/A
educationOrganizationReference (educationOrganizationId contained in this property)	A reference to the related EducationOrganization resource. Reports the State District number.	M	district.number	System Administration > Resources > District Information > State District Number
identifier	The name or ID for the cohort. Reports the Program Session ID.	M	programsession. programSessionID	Program Admin > Programs > Program > Program Sessions ID

Data Element	Description		Campus Database Field	Campus GUI Location
description	The description of the cohort and its purpose. 1. Reports text in the Description field. 2. If NULL, reports the same as the id property (identifier).	O	program.description	Program Admin > Program s> Programs> Description
type	The type of the cohort (academic intervention, attendance intervention, discipline intervention, breakout session, etc.). Reports the Cohort Type selected on the mapping page for the program being reported.	M		
scopeType	The scope of cohort (e.g., campus, district, classroom). 1. Reports the Ed-Fi Code from the selected category. 2. If a Category is not selected or the Ed-Fi Code is NULL, does not report.	O	program.program Category	Program Admin > Program s> Programs > Category
academicSubjectDescriptor	The subject for an academic intervention (e.g., science, mathematics)	O	N/A	N/A
programs	An unordered collection of cohort programs. The optional program associated with this cohort (e.g., Special Education)	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Cohort Type**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Academic Intervention	Academic Intervention	Academic Intervention
Attendance Intervention	Attendance Intervention	Attendance Intervention
Discipline Intervention	Discipline Intervention	Discipline Intervention
Classroom Pullout	Classroom Pullout	Classroom Pullout
Extracurricular Activity	Extracurricular Activity	Extracurricular Activity
Field Trip	Field Trip	Field Trip
Principal Watch List	Principal Watch List	Principal Watch List

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Counselor List	Counselor List	Counselor List
In-school Suspension	In-school Suspension	In-school Suspension
Study Hall	Study Hall	Study Hall
Other	Other	Other

This table describes the Ed-Fi Value mapped and reported for **Cohort Scope Type**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
District	District	District
School	School	School
Network	Network	Network
Classroom	Classroom	Classroom
Teacher	Teacher	Teacher
Principal	Principal	Principal
Counseleor	Counselor	Counselor
Statewide	Statewide	Statewide
Other	Other	Other

Course Offering

This entity represents an offering of a course by school during a session, representing the course catalog of available courses.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

This resource will not push data for Courses marked as Inactive or State Exclude.

Action	Trigger
Post	When a section with Section Placement is created and saved. • Do not send if course is marked as Inactive or State Exclude. • Do not send records if the Calendar Exclude check box is checked. • 1 record will report per Course and Term Type combination.
Post	When the Local Course Number or Term type Override is changed.
Put	When Course information is changed and saved. • Send a Put when the local course name, attendance, unit attendance or SCED Seq Number is changed
Delete	When a section is deleted.
Delete	When a section schedule placement is removed and saved.
Delete	When the Local Course Number or Term type Override is changed.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
Reports course offerings for the scope year the courses calendar is aligned to.
Data will only send for the years that have valid configuration.
Future Years data will be suppressed until the Active Year is changed: • This allows the Schedule Wizard to be used and reducing the number of records sent until the final schedule is completed. • A resync must be done after the Active Year is changed to send data.

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Course Offering resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
courseReference	Reports the following elements that are part of the Natural Key for the Course resource: • educationOrganizationReference • code	M	N/A	N/A
schoolReference	Reports the following elements that are part of the Natural Key for the Schools resource: • EntityID	M	School.entityID	System Administration > Resources > School > Entity ID
sessionReference	Reports the following elements that are part of the Natural Key for the Sessions resource: 1. Term Descriptor will report based on section schedule placement of the sections of the course. 2. If Term Descriptor Override is checked and there is an existing mapping for the course, Term Descriptors will report based on the mapping.	M	N/A	N/A
localCourseCode	The local code assigned by the LEA or Campus that identifies the organization of subject matter and related learning experiences provided for the instruction of students.	M	Course.number	Scheduling > Course > Number
localCourseTitle	The descriptive name given to a course of study offered in the school, if different from the CourseTitle.	O	Course.name	Scheduling > Course > Name
InstructionalTimePlanned	The plannned total number of clock minutes of instruction for this course offering. Generally, this should be at least as many minutes as is required for completion by the related state- or district-defined Course.	O	N/A	N/A
curriculumUsed	An unordered collection of courseOfferingCurriculumUseds. This entity represents an offering of a course by school during a session, representing the course catalog of available courses.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Course Transcripts

This entity is the final record of a student's performance in their courses at the end of a semester or school year.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When transcript records are posted for a student and they have a valid Student School Association for the Scoped Year. • When a resync is completed, all transcript records for all years will send for the Student • The School that the Student is enrolled must be selected in the Resync Tool
Post/Delete	When a transcript record is modified we always do a post/delete and never do a "Put".
Delete	When a transcript record is deleted for a student.
Delete	Transcript records will only delete when a student has only 1 Student School Association record for a specific Year and that record is deleted. If a new Student School Association record is created, existing records will not re-post, a resync must be completed to resend the data.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
Transcript records will send to each scope year where the student has a Student School Association, regardless of the Transcript School Year.
Data will only send for the years that have valid configuration.
A resync must be completed at the beginning of each year so that all years transcript records will be loaded in the ODS.

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Course Transcripts resource.

Data Element	Description		Campus Database Field	Campus GUI Location
courseReference	The unique identifier of the resource. Natural Key fields for the Course resource: • Education Organization Reference • Code	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
schoolReference	A reference to the related School resource. Reports the Natural Key fields for the School resource: • schoolID If the School ID is not valid, this field will report blank	O	N/A	N/A
studentAcademic RecordReference	A reference to the related Student Academic Record resource. Reports the Natural Key fields for the Student Academic Record resource: • educationOrganizationReference • schoolYearTypeReference • studentReference • termDescriptor	M	N/A	N/A
courseAttemptResultType	The result from the student''s attempt to take the course, for example: Pass, Fail, Incomplete, Withdrawn. Look at the Score Group where from the Current Score posted on the transcript record and report the following: 1. Report 'Pass' when the posted score has the Passing check box checked on the score group where the grade was posted from 2. Report 'Withdrawn' when the posted score has a State Score = W, WF, or WP. 3. Report 'Incomplete' when the posted grade has a State Score = I. 4. Report 'Fail' when the posted grade does not have the Passing check box checked on the score group where the grade was posted from	M	TranscriptCourse.score Scorelistitem.passingScore Scorelistitem.statescore	Student Information > General > Transcripts > Score Grading Standards > Score Groups & Rubrics > State Score
attemptedCreditType	The type of credits or units of value attempted for the completion of a course. This field is optional and does not report.	O	N/A	N/A
attemptedCreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units. This field is optional and does not report.	O	N/A	N/A
attemptedCredits	The number of credits attempted for a course Report the sum of credits from the Attempted field on the Transcript record being reported.	O	Transcriptcredit. creditsAttempted	Student Information > General > Transcripts > Attempted

Data Element	Description		Campus Database Field	Campus GUI Location
earnedCreditType	The type of credits or units of value awarded for the completion of a course. This field is optional and does not report.	O	N/A	N/A
earnedCreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units. This field is optional and does not report.	O	N/A	N/A
earnedCredits	The number of credits awarded or earned for the course. Report the sum of credits from the Earned field on the Transcript record being reported.	M	Transcriptcredit. creditsEarned	Student Information > General > Transcripts > Earned

whenTakengrade LevelDescriptor	Student's grade level at time of course.
	1. If the grade selected on the manual transcript record matches a valid Ed-Fi code, report the grade.
	   1. If the grade selected on the manual transcript record does not match a valid Ed-Fi code, find a calendar in the school year within the district that has a non-null State Grade Level mapping for that grade and report the Ed-Fi code mapped to that State Grade Level.
	     1. When no matching grade found with a state grade level mapping, do not report this property.
	2. When posted, report the Ed-Fi code mapped to the State Grade Level from the Grade indicated on the transcript Grade field.
		O	N/A	Student Information > General > Transcript > Transcript Course Editor > Grade
				
				System Administration > Calendar > Calendar > Grade Levels > Grade Level Detail > State Grade Level Code

methodCreditEarnedType	The method the credits were earned, for example: Classroom, Examination, Transfer. This field is optional and does not report.	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
finalLetterGradeEarned	The final letter grade earned for the course. 1. Look at the Score Group where from the Current Score posted on the transcript record and report the following: 2. Report the State Score mapped to the Current Score posted to the transcript record for posted courses when State Score on the Score Group or rubric is NOT = 99 　　1. When State Score = 99 or is null, report the 'Score' on the grading Score Group or Rubric if it is a not an integer 　　　　1. When an integer, report blank.	O	Transcriptcourse.score Scorelistitem.passingScore Scorelistitem.statescore	Student Information > General > Transcripts > Current Score Grading Standards > Score Groups & Rubrics > State Score
finalNumericGradeEarned	The final numeric grade earned for the course. Look at the Score Group where from the Current Score posted on the transcript record and report the following: 1. If the State Score mapped to the Current Score is = 99 or blank, report the 'Score' on the Score Group or Rubric if it is an integer 　　1. else, report blank	O	Transcriptcourse.score Scorelistitem.passingScore Scorelistitem.statescore	Student Information > General > Transcripts > Current Score Grading Standards> Score Groups & Rubrics> State Score
courseRepeatCodeType	Indicates that an academic course has been repeated by a student and how that repeat is to be computed in the student''s academic grade average. This field is optional and does not report.	O	N/A	N/A
CourseTitle	Reports the name of the course completed. Report the Course Name from the transcript record	O	Transcriptcourse. courseName	Student Information > General > Transcripts > Course Name
alternativeCourseCode	The local code assigned by the school that identifies the course offering, the code from an external educational organization, or other alternate course code. This field is optional and does not report.	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
earnedadditionalCredits	An unordered collection of courseTranscriptAdditionalCredits. This entity is the final record of a student's performance in their courses at the end of a semester or school year. This field is optional and does not report.	O	N/A	N/A

Type/Descriptor

▸ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Course Attempt Result Type**:

Ed-Fi Short Description	Ed-Fi Description
Pass	Pass
Fail	Fail
Incomplete	Incomplete
Withdrawn	Withdrawn

Course

This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Get	No Trigger, this is a look-up as Courses are pre-loaded by DOE.

Only courses with State Course Codes will send data.

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Course resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
education Organization Reference	A reference to the related EducationOrganization resource. Reports the following elements that are part of the Natural Key for the Schools resource: • schoolId	M	N/A	N/A
code	The code that identifies the organization of subject matter and related learning experiences provided for the instruction of students. The State Course Number is reported.	M	Course.stateCode	Scheduling > Course > State Code
title	The descriptive name given to a course of study offered in a school or other institution or organization. In departmentalized classes at the elementary, secondary, and post-secondary levels (and for staff development activities), this refers to the name by which a course is identified (e.g., American History, English III). For elementary and other non-departmentalized classes, it refers to any portion of the instruction for which a grade or report is assigned (e.g., reading, composition, spelling, and language arts).	M	Course.name	Scheduling > Course > Name
numberOfParts	The number of parts identified for a course. The number in the SCED Sequence Part N field is reported. This field reports a default value of 1 for all courses.	M	course.sced SequenceNum	Defaults to 1 for all courses
academicSubject Descriptor	The intended major subject area of the course. NEDM: Secondary Course Subject Area. See the Type/Descriptor table below. • Courses are pre-loaded and this value has been identified in the courses by course number	O	Data is preloaded by the State	Data is preloaded by the State
description	A description of the content standards and goals covered in the course. Reference may be made to state or national content standards.	O	Data is preloaded by the State	Data is preloaded by the State
dateCourseAdopted	The date the district adopted the course.	O	Data is preloaded by the State	Data is preloaded by the State
highSchoolCourse Requirement	An indication that this course credit is required for a high school diploma.	O	Data is preloaded by the State	Data is preloaded by the State
gpaApplicability Type	An indicator of whether or not this course being described is included in the computation of the student's Grade Point Average, and if so, if it is weighted differently from regular courses.	O	Data is preloaded by the State	Data is preloaded by the State
definedByType	Specifies whether the course was defined by the SEA, LEA, school or national organization.	O	Data is preloaded by the State	Data is preloaded by the State
minimumAvailable CreditType	The type of credits or units of value awarded for the completion of a course.	O	Data is preloaded by the State	Data is preloaded by the State

Data Element	Description		Campus Database Field	Campus GUI Location
minimumAvailable CreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units	O	Data is preloaded by the State	Data is preloaded by the State
minimumAvailable Credit	The minimum amount of credit available to a student who successfully completes the course.	O	Data is preloaded by the State	Data is preloaded by the State
maximumAvailable CreditType	The type of credits or units of value awarded for the completion of a course.	O	Data is preloaded by the State	Data is preloaded by the State
maximumAvailable CreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.	O	Data is preloaded by the State	Data is preloaded by the State
maximumAvailable Credit	The maximum amount of credit available to a student who successfully completes the course.	O	Data is preloaded by Arizona	Data is preloaded by the State
careerPathwayType	The career cluster or pathway representing the career path of the Vocational/CTE concentrator.	O	Data is preloaded by the State	Data is preloaded by the State
timeRequired ForCompletion	The actual or estimated number of clock minutes required for class completion. This number is especially important for career and technical education classes and may represent (in minutes) the clock hour requirement of the class.	O	Data is preloaded by the State	Data is preloaded by the State
competencyLevels	An unordered collection of courseCompetencyLevels. This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis.	O	Data is preloaded by the State	Data is preloaded by the State
gradeLevels	An unordered collection of courseGradeLevels. This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis.	O	Data is preloaded by the State	Data is preloaded by the State
IdentificationCodes	An unordered collection of courseIdentificationCodes. This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis.	O	Data is preloaded by the State	Data is preloaded by the State
learningObjectives	An unordered collection of courseLearningObjectives. This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis.	O	Data is preloaded by the State	Data is preloaded by the State

Data Element	Description		Campus Database Field	Campus GUI Location
learningStandards	An unordered collection of courseLearningStandards. This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis.	O	Data is preloaded by the State	Data is preloaded by the State
levelCharacteristics	An unordered collection of courseLevelCharacteristics. This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis.	O	Data is preloaded by the State	Data is preloaded by the State
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Academic Subject Descriptor**:

State Code	Name	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
EL	Elementary	EL	Elementary Core Subject	Elementary Core Subject
FA	Fine and Performing Arts	FA	Fine and Performing Arts	Fine and Performing Arts
FL	Foreign Language	FL	Foreign Language and Literature	Foreign Language and Literature
LA	English and Language Arts	LA	English Language Arts	English Language Arts
MA	Math	MA	Mathematics	Mathematics
NA	Non Academic (Attendance, etc)	NA	Non Academic	Non Academic
OT	Other (ROTC, Driver's Ed, etc)	OT	Other Academic	Other Academic
PE	Physical Education and Health	PE	Physical, Health, and Safety Education	Physical, Health, and Safety Education
RE	Reading	RE	Reading	Reading
SC	Science	SC	Science	Science
SS	Social Studies and History	SS	Social Studies	Social Studies
VE	Vocational Education	VE	Career and Technical Education	Career and Technical Education

Discipline Action

This event entity represents actions taken by an education organization after a disruptive event that is recorded as a discipline incident.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	Reports when a Behavior Resolution is added to an incident that is marked as Complete and is aligned to a reported Behavior Event. • When Offender Type = U or N, do not populate a record. • Do not send if the student's enrollment is marked as No Show or State Exclude. • Do not send if the student is in a calendar marked as Exclude. • Do not send if the student is in a School marked as Exclude.
Delete/Post	When data that is part of the Natural Key is changed. • If the resolution date is changed do a delete and post.
Delete/Post	When the Incident's status is changed. • Delete when the status is changed from Completed to In Progress. • Post when the status is changed from In Progress to Completed.
Delete	When a resolution is deleted.
Delete	When all resolutions are removed from the incident.
Delete	When all Behavior Events that are removed from the Incident.
Delete	When the student's Role changes to anything other than Offender or Participant.
Delete	When all non-excluded enrollments in the school and year are deleted.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
Discipline records will only send to the school year that the incident date is aligned to based on the School Year Start and End dates. • If School Year Start Date is NULL, 7/1/xxxx will be the default start date used • If School Year End Date is NULL, 6/30/xxxx will be the default end date used
Data will only send for the years that have valid configuration.

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Discipline Action resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
assignmentschool Reference	A reference to the related School resource This is optional and does not report.	O	N/A	N/A
responsibility schoolReference	Reports data from the SchoolID field that is part of the natural key for the Schools resource of the school where the incident occurred. The following elements are reported: • schoolID	M	School.entityID	System Administration > Resources > School > Entity ID

Data Element	Description			Campus Database Field	Campus GUI Location
studentReference	Reports data from the Ed-Fi ID field that is part of the natural key for the Student resource of the school where the incident occurred. The following elements are reported: • studentUniqueId		M	Person.edfiID	Census > People > Demographics > EdFi ID
identifier	Identifier assigned by the education organization to the discipline action.		M	BehaviorResolution. resolutionID	Behavior > Behavior Management > Resolution > Resolution ID
disciplineDate	The month, day, and year of the discipline action		M	BehaviorResolution. timestamp	Behavior > Behavior Management > Resolution > Resolution Start Date
length	The length of time in school days for the Discipline Action (e.g. removal, detention), if applicable. This is optional and does not report.		O	N/A	N/A
actualDiscipline ActionLength	The length of time in school days for the Discipline Action (e.g. removal, detention), if applicable. This is optional and does not report.		O	N/A	N/A
lengthDifference ReasonType	Indicates the reason for the difference, if any, between the official and actual lengths of a student s disciplinary assignment. This is optional and does not report.		O	N/A	N/A
relatedToZero TolerancePolicy	An indication of whether or not this disciplinary action taken against a student was imposed as a consequence of state or local zero tolerance policies. This is optional and does not report.		O	N/A	N/A
disciplines	An unordered collection of disciplineActionDisciplines.			N/A	N/A
	Discipline Descriptor	This descriptor defines the type of action or removal from the classroom used to discipline the student involved as a perpetrator in a discipline incident. 1. Report the Ed-Fi Code value from the mapping for the state resolution code selected 2. If the Ed-Fi Code is NULL or is not mapped to a state code, then do not report. See the Discipline Descriptor table in the Type/Descriptor section below.	O	N/A	Behavior > Behavior Management > Resolution Details > Resolution Type
disciplineIncidents	An unordered collection of disciplineActionDisciplineIncidents.		O	N/A	N/A

Page 20

Data Element	Description		Campus Database Field	Campus GUI Location
staffs	An unordered collection of disciplineActionStaffs. This is optional and does not report.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Type/Descriptor

▸ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Discipline Descriptor**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Removal from Classroom	Removal from Classroom	Removal from Classroom
I	In School Suspension	In School Suspension
O	Out of School Suspension	Out of School Suspension
E	Expulsion (No Educational Services Provided)	Expulsion (No Educational Services Provided)
S	Expulsion (Educational Services Provided)	Expulsion (Educational Services Provided)
Community Service	Community Service	Community Service
R	Other	Other
A	Alternative Placement by School Personnel	Alternative Placement by School Personnel
H	Alternative Placement by Hearing Officer due to IDEA	Alternative Placement by Hearing Officer due to IDEA
J	Juvenile Court System	Juvenile Court System

Discipline Incident

This event entity represents an occurrence of an infraction ranging from a minor behavioral problem that disrupts the orderly functioning of a school or classroom (such as tardiness) to a criminal act that results in the involvement of a law enforcement official (such as robbery).

A single event (e.g., a fight) is one incident regardless of how many perpetrators or victims are involved. Discipline incidents are events classified as warranting discipline action.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger

Action	Trigger
Post	Reports a behavior incident when the incident's Status is marked and saved as "Complete" • Incident must have at least 1 behavior event associated and a Role that is mapped to an Ed-Fi Value • Posting can occur if a new event is added after Incident is marked as "Complete" • Do not send if the student's enrollment is marked as No Show or State Exclude • Do not send if the student is in a calendar marked as Exclude • Do not send if the student is in a School marked as Exclude
Delete/Post	When data that is part of the Natural Key is changed. • If the Date of Incident is changed and saved • If the Event Type is changed and saved
Delete/Post	When the Incident's status is changed. • Delete when the status is changed from Completed to In Progress • Post when the status is changed from In Progress to Completed
Delete	When an incident is deleted
Delete	When the associated student enrollment is deleted.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
Discipline records will only send to the school year that the incident date is aligned to based on the School Year Start and End dates. • If School Year Start Date is NULL, 7/1/xxxx will be the default start date used • If School Year End Date is NULL, 6/30/xxxx will be the default end date used
Data will only send for the years that have valid configuration.

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Discipline Incident resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
schoolReference	Reports data from the SchoolID field that is part of the natural key for the Schools resource. The following elements are reported: • schoolID	M	School.entityID	System Administration > Resources > School > Entity ID
staffReference	A reference to the related Staff resource. This is optional and does not report.	O	N/A	N/A
incidentIdentifier	The locally assigned unique identifier (within the school or school district) to identify each specific incident or occurrence. The same identifier should be used to document the entire incident even if it included multiple offenses and multiple offenders	M	BehaviorIncident.incidentID	Behavior > Behavior Management > Incident ID
incidentDate	The month, day, and year on which the incident occurred.	M	BehaviorIncident.timestamp	Behavior > Behavior Management > Date of Incident

Data Element	Description			Campus Database Field	Campus GUI Location
incidentTime	An indication of the time of day the incident took place. This is optional and does not report.		O	N/A	N/A
incidentLocationType	Identifies where the incident occurred and whether or not it occurred on campus. Logic reports the Ed-Fi code mapped to the selection in the Location field on the Incident.		O	BehaviorIncident.location	Behavior Management > Location
reporterDescription Descriptor	Information on the type of individual who reported the incident. This is optional and does not report.		O	N/A	N/A
reporterName	Identifies the reporter of the incident by name. This is optional and does not report.		O	N/A	N/A
reportedTo LawEnforcement	Indicator of whether the incident was reported to law enforcement. This is optional and does not report.		O	N/A	N/A
caseNumber	The case number assigned to the incident by law enforcement or other organization. This is optional and does not report.		O	N/A	N/A
incidentDescription	The description for an incident. This is optional and does not report.		O	N/A	N/A
incidentCost	The value of any quantifiable monetary loss directly resulting from the incident. This is optional and does not report.		O	N/A	N/A
behaviors	An unordered collection of disciplineIncidentBehaviors. This event entity represents an occurrence of an infraction ranging from a minor behavioral problem that disrupts the orderly functioning of a school or classroom (such as tardiness) to a criminal act that results in the involvement of a law enforcement official (such as robbery).		O	N/A	N/A
	behaviorDescriptor	Report all behavior events that are associated with the incident 1. Report the Ed-Fi code value from the mapping provided for the state code selected on the event. 2. If the event is not mapped to a state code, report the Ed-Fi code from the mapping for the District/School code. 3. If a code is not mapped, do not report.	M	N/A	Behavior > Behavior Management > Event Type

Page 23

Data Element	Description			Campus Database Field	Campus GUI Location
	behaviorDetailedDescription	Report the Details entered on the Incident 1. Ed-Fi accepts 1024 characters in this field, truncate remaining information from Campus if there are more characters	O	BehaviorIncident. description	Behavior > Behavior Management > Incident Detail Information
weapons	An unordered collection of disciplineIncidentWeapons. This event entity represents an occurrence of an infraction ranging from a minor behavioral problem that disrupts the orderly functioning of a school or classroom (such as tardiness) to a criminal act that results in the involvement of a law enforcement official (such as robbery). This does not report.		O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.		O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Behavior Descriptors**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
School Violation	School Violation	School Violation
State Offense	State Offense	State Offense
School Code of Conduct	School Code of Conduct	School Code of Conduct
Other	Other	Other

This table describes the Ed-Fi Value mapped and reported for **Incident Location Type**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
On campus	On campus	On campus
Off campus	Off campus	Off campus
School bus	School bus	School bus

Grade

This educational entity represents an overall score or assessment tied to a course over a period of time (i.e., the grading period). Student grades are usually a compilation of marks and other scores.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a grade is posted to a Grading Task that is mapped to an Ed-Fi Grade Type. • Standards will not report to Ed-Fi • Do not report if the Course is marked as Inactive or State Excluded • Do not send records if the Calendar Exclude check box is checked • Do not send records is the student's enrollment is marked as no show or State Excluded
Put	When a grade is updated on a Grading Task that is mapped to an Ed-Fi Grade Type.
Delete	When a grade is deleted from a Grading Task that is mapped to an Ed-Fi Grade Type.
Delete	When the Student School Association record is deleted for the school in which the grades are associated.
Delete	When the No Show or State Exclude check boxes are checked.
Delete/Insert	When any field that is part of the Natural Key is changed.

Scope Year Logic

▸ Click here to expand...

This table describes scope year logic of this object.

Logic
Grades will post to the scope year the course's calendar is aligned to. • Data will only send for the years that have valid configuration

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Grade resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
gradingPeriodReference	Reports the fields that are part of the Natural Key for the Grading Periods resource	M	N/A	N/A
studentSection AssociationReference	Reports the fields that are part of the Natural Key for the Student Section Association resource. • When a student has more than 1 eligible Student Section Association record (for example, a course that covered 2 periods and or multiple period schedules) the grade will report on section association with the highest period schedule sequence and or period sequence.	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
type	The type of grade (e.g., Exam, Final, Grading Period, Progress Report). Reports the Ed-Fi Code from the mapping for the Grading Task. If the grading task is not mapped, do not report. See the Grade Type table in the Type/Descriptors section below.	M	N/A	Grading & Standards > Grading Tasks
performanceBase ConversionType	The performance base conversion assessed for the student. This field is optional and will not report.	O	N/A	N/A
letterGradeEarned	A final or interim (grading period) indicator of student performance in a class as submitted by the instructor. Logic will determine if the posted score is an integer or not: 1. If the posted value is not an Integer, then report the posted score here 2. If the posted value is an Integer, then report in the Numeric Grade Earned field below.	O	GradingScore.score	Grading & Standards > Score Groups & Rubrics > Score
numericGradeEarned	A final or interim (grading period) indicator of student performance in a class as submitted by the instructor. Logic determines if the posted score is an integer or not: 1. If the posted value is an Integer, then report the posted score 2. If the posted value is not an Integer, then report in Letter Grade Earned field above.	O	GradingScore.score	Grading & Standards > Score Groups & Rubrics > Score
diagnosticStatement	A statement provided by the teacher that provides information in addition to the grade or assessment score. This field is optional and will not report.	O	N/A	N/A

Type/Descriptor

▸ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Grade Type**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
1	Conduct	Conduct
2	Exam	Exam
3	Final	Final
4	Grading Period	Grading Period
5	Mid-Term Grade	Mid-Term Grade
6	Progress Report	Progress Report
7	Semester	Semester

Grading Periods

This entity represents the time span for which grades are reported. Quarter, Semester, Final, etc. The Start and End dates must have an calendar event in the Calendar Dates resource before Grading Periods can send. User needs to perform a day reset prior to filling out Grading Periods tab.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Grading Periods cannot be deleted in WY due to the Dependency of the core Ed-Fi model where it is required for Sessions report grading periods.

Action	Trigger
Post	When a new Grading Period is created and saved on the Grading Periods tab. • Do not send records if the Calendar Exclude check box is checked.
Put	When the Grading Period End Date is updated and saved.
Delete	When a Grading Period is deleted. • If there are multiple calendars/schedule structures only send a delete if there are no other Grading Periods set with the same name and start date in the same school. • If the name or start date change, send delete of old record and post of new record.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
Reports the grading periods in the scope year that the calendar is aligned to. • Data will only send for the years that have valid configuration. • Future Years data will be suppressed until the Active Year is changed: ◦ This allows the Schedule Wizard to be used and reducing the number of records sent until the final schedule is completed.   ◦ A resync must be done after the Active Year is changed to send data.

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Grading Periods resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
schoolReference	Reports the Natural Key for the Schools resource the grading period is aligned to.	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
beginDate	The start date of the grading period. Report the start date from the Grading Period being reported: - If there is more than 1 calendar or schedule structure, report a record for each Grading Period & Start Date Combination. - The date entered must be an Instructional day on the Days tab.	M	edfigradingperiod.start	System Administration > Calendar > Calendar > Ed-Fi Grading Periods > Grading Period Start Date
endDate	The end date of the grading period. Report the end date from the Grading Period being reported: - If there is more than 1 calendar or schedule structure, report the latest end date. - The date entered must be an Instructional day on the Days tab.	M	dfigradingperiod.endDate	System Administration > Calendar > Calendar > Ed-Fi Grading Periods > Grading Period End Date
descriptor	The name of the grading period. See the Grading Period Descriptor table in the Type/Descriptor section below. Report the code value from the Grading Period Name selected.	M	edfigradingperiod.name	System Administration > Calendar > Calendar > Ed-Fi Grading Periods > Grading Period Name
totalInstructionalDays	The total number of instructional days in the grading period. - Count the number of instructional days on the Days tab that occur during the start and end date for the grading period - If there is more than 1 calendar or schedule structure, report the distinct number of instructional days from all calendars/schedule structures - Instructional days will not send an update if changed after original post unless a resync is completed.	M	N/A	System Administration > Calendar > Calendar >Days
periodSequence	The sequence of the grading period. This element is optional and does not report.	O	term.seq	System Administration> Calendar> Terms> Seq
_etag	N/A	O	N/A	N/A

Type/Descriptor

▸ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Grading Period Descriptor**:

State Code	Name	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
01	First Six Weeks	First Six Weeks	First Six Weeks	First Six Weeks
02	Second Six Weeks	Second Six Weeks	Second Six Weeks	Second Six Weeks
03	Third Six Weeks	Third Six Weeks	Third Six Weeks	Third Six Weeks
04	Fourth Six Weeks	Fourth Six Weeks	Fourth Six Weeks	Fourth Six Weeks
05	Fifth Six Weeks	Fifth Six Weeks	Fifth Six Weeks	Fifth Six Weeks
06	Sixth Six Weeks	Sixth Six Weeks	Sixth Six Weeks	Sixth Six Weeks
07	First Nine Weeks	First Nine Weeks	First Nine Weeks	First Nine Weeks
08	Second Nine Weeks	Second Nine Weeks	Second Nine Weeks	Second Nine Weeks
09	Third Nine Weeks	Third Nine Weeks	Third Nine Weeks	Third Nine Weeks
10	Fourth Nine Weeks	Fourth Nine Weeks	Fourth Nine Weeks	Fourth Nine Weeks
11	First Four Weeks	First Four Weeks	First Four Weeks	First Four Weeks
12	Second Four Weeks	Second Four Weeks	Second Four Weeks	Second Four Weeks
13	Third Four Weeks	Third Four Weeks	Third Four Weeks	Third Four Weeks
14	Fourth Four Weeks	Fourth Four Weeks	Fourth Four Weeks	Fourth Four Weeks
15	Fifth Four Weeks	Fifth Four Weeks	Fifth Four Weeks	Fifth Four Weeks
16	Sixth Four Weeks	Sixth Four Weeks	Sixth Four Weeks	Sixth Four Weeks
17	Seventh Four Weeks	Seventh Four Weeks	Seventh Four Weeks	Seventh Four Weeks
18	Eighth Four Weeks	Eighth Four Weeks	Eighth Four Weeks	Eighth Four Weeks
19	Ninth Four Weeks	Ninth Four Weeks	Ninth Four Weeks	Ninth Four Weeks
20	First Semester	First Semester	First Semester	First Semester
21	Second Semester	Second Semester	Second Semester	Second Semester
22	First Trimester	First Trimester	First Trimester	First Trimester
23	Second Trimester	Second Trimester	Second Trimester	Second Trimester
24	Third Trimester	Third Trimester	Third Trimester	Third Trimester
25	End of Year	End of Year	End of Year	End of Year
26	Summer Semester	Summer Semester	Summer Semester	Summer Semester
27	First Summer Session	First Summer Session	First Summer Session	First Summer Session
28	Second Summer Session	Second Summer Session	Second Summer Session	Second Summer Session
29	Third Summer Session	Third Summer Session	Third Summer Session	Third Summer Session
30	First Grading Period	First Grading Period	First Grading Period	First Grading Period
31	Second Grading Period	Second Grading Period	Second Grading Period	Second Grading Period
32	Third Grading Period	Third Grading Period	Third Grading Period	Third Grading Period
33	Fourth Grading Period	Fourth Grading Period	Fourth Grading Period	Fourth Grading Period

State Code	Name	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
34	Fifth Grading Period	Fifth Grading Period	Fifth Grading Period	Fifth Grading Period
35	Sixth Grading Period	Sixth Grading Period	Sixth Grading Period	Sixth Grading Period
36	Seventh Grading Period	Seventh Grading Period	Seventh Grading Period	Seventh Grading Period
37	Eighth Grading Period	Eighth Grading Period	Eighth Grading Period	Eighth Grading Period
38	Ninth Grading Period	Ninth Grading Period	Ninth Grading Period	Ninth Grading Period
39	Tenth Grading Period	Tenth Grading Period	Tenth Grading Period	Tenth Grading Period
40	Eleventh Grading Period	Eleventh Grading Period	Eleventh Grading Period	Eleventh Grading Period
41	Twelfth Grading Period	Twelfth Grading Period	Twelfth Grading Period	Twelfth Grading Period

This table describes the Ed-Fi Value mapped and reported for **Grading Type**:

State Code	Name	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
CO	Conduct	Conduct	Conduct	Conduct
EX	Exam	Exam	Exam	Exam
FI	Final	Final	Final	Final
GP	Grading Period	Grading Period	Grading Period	Grading Period
MID	Mid-Term Grade	Mid-Term Grade	Mid-Term Grade	Mid-Term Grade
PRO	Progress Report	Progress Report	Progress Report	Progress Report
SE	Semester	Semester	Semester	Semester

Graduation Plan

This entity is a plan outlining the required credits, credits by subject, credits by course, and other criteria required for graduation. A graduation plan may be one or more standard plans defined by an education organization and/or individual plans for some or all students.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger

Action	Trigger
Post	When a Career Tech Program or a Graduation Program is mapped to a Graduation Plan Descriptor in Graduation Plan Preferences. • The program must be flagged as active to report. • For a Career Tech Program the Cohort/Graduation Active Start Year field must be populated to report. • For a Graduation Program, the Ed-FI Graduation Plan and Cohort/Graduation Active Start Year fields must be populated to report ○ A separate record will report for each School Year that aligns with the Cohort/Graduation Active Start Year and Cohort/Graduation Active End Year ○ If the Cohort/Graduation Active End Year is NULL, a separate record will report starting with the Cohort/Graduation Active Start Year and ending 4+ years from the current year. • If two programs have the same Graduation Program Type/Descriptor and School Year, the last record to be updated will be the one reported. • Use the Scope Year logic below to determine if the record is eligible to report.
Put	If the sum of the total number of required credits changes on a reported Graduation program.
Delete	Graduation Plans will not delete due to the association across multiple cohort years

Scope Year Logic

▸ Click here to expand...

This table describes scope year logic of this object.

Logic
Records will report for each year the Career Tech Program or a Graduation Program is active. • Data will only send for the years that have valid configuration. • A resync will need to be done at the beginning of each new scope year to be populated.

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Graduation Plan resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
educationOrganization Reference	A reference to the related Education Organization resource. Reports the District Number.	M	N/A	N/A
graduationSchool YearTypeReference	A reference to the related SchoolYearType resource. Reports the End Year in the School Year being reported based on the Cohort years the Graduation Plan covers.	M	N/A	N/A
typeDescriptor	This descriptor defines the set of graduation plan types. • Report 'Career and Technical Education' when the program is created and saved (the cte field in the program table is = 1). • Report the Ed-Fi Code from the value selected in the Ed-FI Graduation Plan field. See the Graduation Plan Type table in the Type/Descriptors section below.	M	Program. edfiPlanType	Program Admin > Programs > Graduation Programs > Graduation Program Detail or Career Tech Programs

Data Element	Description		Campus Database Field	Campus GUI Location
individualPlan	An indicator of whether the GraduationPlan is tailored for an individual. This field is optional and does not report.	O	N/A	N/A
totalRequiredCredits	The total number of credits required for graduation under this plan. • Report '0' when the program is 'Career and Technical Education'. • When reporting from a Graduation Plan, sum the total number of required credits associated with the program being reported.	M		Calculated value from the CreditRequirement table
totalRequiredCreditType	The type of credits or units of value awarded for the completion of a course. This field is optional and does not report.	O	N/A	N/A
totalRequired CreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units. This field is optional and does not report.	O	N/A	N/A
creditsByCourses	An unordered collection of graduation Plan Credits By Courses. The total credits required for graduation by taking a specific course, or by taking one or more from a set of courses. This field is optional and does not report.	O	N/A	N/A
creditsBySubjects	An unordered collection of graduation Plan Credits By Subjects. The total number of credits required in a subject to graduate. Only those courses identified as a high school course requirement are eligible to meet subject credit requirements. This field is optional and does not report.	O	N/A	N/A
requiredAssessments	An unordered collection of graduation Plan Required Assessments. The total credits required for graduation by taking a specific course, or by taking one or more from a set of courses. This field is optional and does not report.	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Graduation Plan Type**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
CTE	Career and Technical Education	Career and Technical Education

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Distinguished	Distinguished	Distinguished
Minimum	Minimum	Minimum
Recommended	Recommended	Recommended
Standard	Standard	Standard

Locations

This entity represents the physical space where students gather for a particular class/section. The location may be an indoor or outdoor area designated for the purpose of meeting the educational needs of students.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a new Room is created and saved.
Post	When a Room is added to a section that does not already exist in Ed-Fi.
Post	When a Room Name is changed and saved
Put	When the Maximum Number Of Seats is modified.
Delete	When a Room Name is changed and saved.
Delete	When a Room is deleted.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
Rooms are not aligned to a year so all Rooms will send to each scoped year.
Data will only send for the years that have valid configuration.
A resync must be completed on the Locations resource when a new scope year is connected in order for this data to send.

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Locations resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
schoolReference	Reports the following elements that are part of the Natural Key for the School resource: • EntityID	M	School.entityID	System Administration > Resources > School > EntityID
classroom IdentificationCode	A unique number or alphanumeric code assigned to a room by a school, school system, state, or other agency or entity.	M	Room.name	System Administration > Resources > Resources > Rooms > Name
maximumNumber OfSeats	The maximum number of seats the class can maintain. The value in the Capacity field is reported.	O	Room.capacity	System Administration > Resources > Resources > Capacity
optimalNumber OfSeats	The number of seats that is most favorable to the class. This field is not collected or reported.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource. This field is optional and does not report.	O	N/A	N/A

Parents

This entity represents a parent or guardian of a student, such as mother, father or caretaker.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When the Guardian check box is checked AND 1 person is a student and 1 person is not a student. • The guardian does NOT have to be a member of the same household as the student to report. • Start date must be on or before today's date. • Person must have an Ed-Fi ID to send. • A record will not send if the student they are associated with has an enrollment marked as a no show, state exclude or enrollment is in a calendar marked as Exclude. • Report the active guardian record. • If multiple active guardian records, report the one with the latest Start Date. • If there are no active guardian records, report the inactive guardian record with the latest start date.
Put	A record will be updated when any of the following are changed and saved: • When the person's identity record is changed. • When one of the person's household locations is changed. • When one of the person's household memberships is changed. • When one of the person's relationships that is marked Guardian is changed.
Delete	A Parent record is a shared resource among all districts in the state and cannot be deleted. When the Student Parent Association is removed, the district will no longer have authorization to see the parent record.

Scope Year Logic

▸ Click here to expand...

This table describes scope year logic of this object.

Logic
A parent record will report when they are a guardian to a student with an enrollment aligned to a scoped year. • The related pair start date must be null or on/before the scope year end date to report. • The related pair end date must be null or on/after the scope year end date to report. • Data will only send for the years that have valid configuration. • A resync must be completed on the Parents resource when a new scope year is connected in order for this data to send.
When using data in Campus that has an effective date, the following logic will be applied to determine the scope year(s) to report the data to. • Current Year: Records will be compared to today's date to determine if the record is eligible to report. • Previous Years: The record's date must be on or before the schools year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used. • Future Years: The record's date must be on or after the schools year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used.
When using data in Campus that have start and end dates, the following logic will be applied to determine the scope year(s) to report the data to. • Current Year: The records start date must be on or before today's date and the records end date must be on or after today's date. • Previous Years: The record's start date must be on or before the school year's end date and the record's end date must be after the school year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used. • Future Years: The record's start date must be on or before the schools year's start date and the record's end date must be on or after the school year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used.

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Parents resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
parentUniqueId	A parent's Ed-Fi ID is reported.	M	Person.edFiId	Census > People > Demographics > EdFi ID
personalTitlePrefix	A prefix used to denote the title, degree, position or seniority of the person. This element is not collected or reported.	C	N/A	N/A
firstName	The reporting parent's first name. This is reported from the person's most recent identity record.	M	Identity.firstName	Census > People > Identities > First Name
middleName	The reporting parent's middle name. This is reported from the person's most recent identity record.	C	Identity.middleName	Census > People > Identities > Middle Name
lastSurname	The reporting parent's last name. This is reported from the person's most recent identity record.	M	Identity.lastName	Census > People > Identities > Last Name

Data Element	Description			Campus Database Field	Campus GUI Location
generationCodeSuffix	An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III). This is reported from the person's most recent identity record.		C	Identity.suffix	Census > People > Identities > Suffix
maidenName	The person's maiden name, if applicable. This element is not collected or reported.		O	N/A	N/A
sexType	A person's gender. This element is not collected or reported.		O	N/A	N/A
loginId	The login ID for the user; used for security access control interface. This element is not collected or reported.		M	N/A	N/A
addresses	Report the person's address(es). Reports the Primary address that is marked as "Mailing" 1. If more than 1 Primary Address is marked as Mailing, report address with most recent Household Membership Start Date 2. Else, report the address with most recent Address Start Date 3. Do not report if the Address Location Detail or Household Membership is marked as "Private"		O		Household Addresses > Mailing Household Membership > Start Date Household Addresses > Start Date
	addressType	The type of home address. See the Address Type table in the Type/Description section below.	M		
	streetNumberName	The street number and street name or post office box number of an address. • Reports Address PO Box + Number + Street + Tag + Prefix + Dir	M	Address.postOfficeBox Address.number Address.street Address.tag Address.prefix Address.dir	Households > Address Info
	apartmentRoom SuiteNumber	The apartment, room, or suite number of an address.	O	Address.apt	Households > Address Info > Apt
	buildingSiteNumber	The number of the building on the site, if more than one building shares the same address. This is optional and does not report.	O	N/A	N/A

Data Element	Description			Campus Database Field	Campus GUI Location
	city	The name of the city in which an address is located.	M	Address.city	Households > Address Info > City
	stateAbbreviation Type	The abbreviation for the state (within the United States) or outlying area in which an address is located.	M	Address.state	Households > Address Info > State
	postalCode	The five or nine digit zip code portion of an address.	M	Address.zip	Households > Address Info > Zip Code
	nameOfCounty	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located.\n\nThis is optional and does not report.	O	address.county	Households> Address Info> County
	countyFIPSCode	5 digit code consisting of the two digit state code followed by the three digit FIPS code for the county.\n\nThis is optional and does not report.	O	N/A	N/A
	latitude	The geographic latitude of the physical address.\n\nThis is optional and does not report.	O	N/A	N/A
	longitude	The geographic longitude of the physical address.\n\nThis is optional and does not report.	O	N/A	N/A

Data Element	Description			Campus Database Field	Campus GUI Location
	beginDate	The first date the address is valid. For physical addresses, the date the person moved to that address. This is optional and does not report.	O	N/A	N/A
	endDate	The last date the address is valid. For physical addresses, this would be the date the person moved from that address. This is optional and does not report.	O	N/A	N/A
electronicMails	An unordered collection of parentElectronicMails. This entity represents a parent or guardian of a student, such as mother, father or caretaker. 1. Reports the email address entered for that person 1. Do not report if Email is marked as "Private" 2. If blank, does not report		O	Contact.email	Census > People > Demographics > Email
	electronicMailType	Reports the mail type. See the **Electronic Mail Type table** in the Type/Description section below.	M	N/A	N/A
	electronic MailAddress	The numbers, letters, and symbols used to identify an electronic mail (e-mail) user within the network to which the individual or organization belongs.	M	Contact.email	Census > People > Demographics > Email
	primaryEmail AddressIndicator	An indication that the electronic mail address should be used as the principal electronic mail address for an individual or organization.	O	N/A	N/A

Data Element	Description			Campus Database Field	Campus GUI Location
identification Documents	Reports an unordered collection of the parent's identification documents. This element is not collected or reported..		O	N/A	N/A
international Addresses	Reports an unordered collection of the parent's international addresses. This element is not collected or reported.		O	N/A	N/A
otherNames	Reports an unordered collection of the parent's other known names (aliases). This field is optional and does not report.		O	N/A	N/A
telephones	An unordered collection of parentTelephones. This entity represents a parent or guardian of a student, such as mother, father or caretaker. 1. Reports the Phone numbers entered in the Personal Contact Information for that person ◦ Do not report Phone Number is marked as "Private" 2. If blank, does not report		O	Contact.homephone Contact.workphone Contact.cellphone Contact.pager	Census > People > Demographics > Personal Contact Information > Other Phone, Work Phone, Cell Phone, Pager
	telephone NumberType	Reports the number type. See the Telephone Number Type table in the Type/Description section below.	M	N/A	N/A
	orderOfPriority	The order of priority assigned to telephone numbers to define which number to attempt first, second, etc. This field is optional and does not report.	O	N/A	N/A
	telephoneNumber	The 10-digit telephone number, including the area code, for the person.	M	Contact.homephone Contact.workphone Contact.cellphone Contact.pager	Census > People > Demographics > Personal Contact Information > Other Phone, Work Phone, Cell Phone, Pager

Data Element	Description			Campus Database Field	Campus GUI Location
	textMessage CapabilityIndicator	An indication that the telephone number is technically capable of sending and receiving Short Message Service (SMS) text messages. This field is optional and does not report.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource. This field is optional and does not report.		O	N/A	N/A

Type/Descriptor Layout

▶ Click here to expand...

This table describes the Ed-Fi Value mapped and reported for **Telephone Number Types**.

Campus Value	Ed-Fi Type	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Other Phone	1	Home	Home	Home
Does not report, not collected in Campus	2	Fax	Fax	Fax
Cell Phone	3	Mobile	Mobile	Mobile
Does not report, not collected in Campus	4	Unlisted	Unlisted	Unlisted
Work Phone	5	Work	Work	Work
Pager	6	Other	Other	Other
Does not report, not collected in Campus	7	Emergency 1	Emergency 1	Emergency 1
Does not report, not collected in Campus	8	Emergency 2	Emergency 2	Emergency 2

This table describes the Ed-Fi Value mapped and reported for **Electronic Mail Types**.

Campus Value	Ed-Fi Type ID	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Primary email reports as "Home/Personal"	1	Home/Personal	Home	Home
Primary email reports as "Home/Personal"	2	Organization	Organization	Organization
Primary email reports as "Home/Personal"	3	Other	Other	Other
Secondary email reports as "Work"	4	Work	Work	Work

This table describes the Ed-Fi Value mapped and reported for **Address Types**.

Campus Value	Ed-Fi Type ID	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
All address report as "Home"	1	Home	Home	Home
	2	Physical	Physical	Physical
	3	Mailing	Mailing	Mailing
	4	Other	Other	Other
	5	Work	Work	Work
	6	Billing	Billing	Billing
	7	Temporary	Temporary	Temporary
	8	Father Address	Father Address	Father Address
	9	Guardian Address	Guardian Address	Guardian Address
	10	Mother Address	Mother Address	Mother Address
	11	Shipping	Shipping	Shipping
	12	Shelters	Shelters, Transitional housing, Awaiting Foster Care	Shelters, Transitional housing, Awaiting Foster Care
	13	Doubled	Doubled - up (i.e., living with another family)	Doubled - up (i.e., living with another family)
	14	Unsheltered	Unsheltered (e.g. cars, parks, campgrounds, temp trailers including FEMA trailers, or abandoned buildings)	Unsheltered (e.g. cars, parks, campgrounds, temp trailers including FEMA trailers, or abandoned buildings)
	15	HotelMotel	Hotels/Motels	Hotels/Motels

Programs

This entity represents any program designed to work in conjunction with, or as a supplement to, the main academic program. Programs may provide instruction, training, services or benefits through federal, state or local agencies. Programs may also include organized extracurricular activities for students.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	**Special Education:** When a student in the year and calendar reporting has the following: 1. A locked "WY" IEP (Print format must start with "WY") exists where: 1. The IEP is active during the scope year date range
Post	**Career and Technical Education:** When a Career Tech Program with the following is assigned to a student: 1. Active = Checked 2. State Reported = Checked

Action	Trigger
Post	**Title I Part A:** When a student has the following: 1. Student Info > General > Enrollments > State Reporting Fields > Title 1 = Checked
Post	**EL:** When an EL record is active for a student in the scope year. 1. Student Info > General > Program Participation > English Learners (EL)

Scope Year Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Logic
Special Education: Record will report for each year in which there is a locked "WY" IEP • There must be at least 1 locked IEP that has a Start or End Date within the school year Start and End Date range • If the school year Start and End Date = Null, then report 07/01/XXXX as the Start Date and an End Date of 06/30/XXXX
Career and Technical Education: Record will report for each year where an active and state reported Career Tech Program is assigned to a student • There must be at least 1 Career Tech Program that has a Start or End Date within the school year Start and End Date range • If the school year Start and End Date = Null, then report 07/01/XXXX as the Start Date and an End Date of 06/30/XXXX
Title I Part A: Record will report for each year in which there is a student with Title 1 = Checked. • The enrollment with Title 1 = Checked must be within the Ed-Fi scope year
Early Learning (EL): Record will report for the year(s) in which a student has an active EL record. 1. There is a student with an EL record that is active at least 1 day in the Ed-Fi scope year where: 1. Identified Date NOT = Null   2. Program Exit Date >= calendar Start Date or is null   3. Identified Date <= calendar End Date
Data will only send for the years that have valid configuration.

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Programs resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	N/A	M	N/A	N/A
educationOrganization Reference	Reports the following elements that are part of the Natural Key for the EducationOrganization resource. • localEducationAgencyId	M	CustomDistrict. value	System Administration > Resources > District Information > State District ID

Data Element	Description		Campus Database Field	Campus GUI Location
type	Reports the Program Type from the short description based on the program the student participates. See the Program Types table in the Type/Description section below. **Special Education**: • Report "Special Education". **Career and Technical Education**: • Report "Career and Technical Education". **Title I Part A**: • Report "Title I Part A". **Early Learning (EL):** • Report "English as a Second Language (ESL)".	M	N/A	N/A
name	The formal name of the program of instruction, training, services or benefits available through federal, state, or local agencies. **Special Education**: • Report "Special Education". **CTE Program**: • Report the Ed-Fi code mapped to the selection in Program Admin > Programs > Career Tech Programs > Cluster. **Title I Part A**: • Report "Title I Part A". **Early Learning (EL):** • Report "English as a Second Language (ESL)".	M	N/A	N/A

Type/Descriptors

Click here to expand...

This table describes the Ed-Fi Value mapped and reported for **Program Types**.

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Long Description
CTE Program	Career and Technical Education	Career and Technical Education
SPED	SPED	SPED
Title 1 Part A	Title 1 Part A	Title 1 Part A
English as a Second Language (ESL)	English as a Second Language (ESL)	English as a Second Language (ESL)

This table describes the Ed-Fi Value mapped and reported for **Program Types**.

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Long Description
CTE Program	Career and Technical Education	Career and Technical Education
SPED	SPED	SPED
Title 1 Part A	Title 1 Part A	Title 1 Part A
English as a Second Language (ESL)	English as a Second Language (ESL)	English as a Second Language (ESL)

Section

This educational entity represents a setting in which organized instruction of course content is provided to one or more students for a given period of time. A course may be offered to more than one class/section. Instruction, provided by one or more teachers or other staff members, may be delivered in person or via a different medium.

This entity reports per section per term type combination.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a section is created and saved. • Room and Section Placement are required in order for the section to send. • One record reports for each section, term type, class period combination. • If the Calendar Exclude checkbox is marked, data is not sent. • If the Course is marked as State Exclude, data is not sent.
Post	When a section schedule placement is changed and saved.
Post	When the Local Course Number or Term type Override is changed.
Put	When any fields listed below are changed: • When the local course name, attendance, unit attendance or SCED Seq Number is changed and saved on the Course editor. • When the Room or Instructional Setting is changed and saved on a section. • When the Credit field is changed and saved on a Grading Task assigned to the course.
Delete	When a section is deleted.
Delete	When Section Placement is changed or removed and saved on a section.
Delete	When the Local Course Number or Term type Override is changed.

Scope Year Logic

▸ Click here to expand...

This table describes scope year logic of this object.

Logic
Reports Sections in the scope year the course's calendar is aligned to.
Data will only send for the years that have valid configuration.
Future Years data will be suppressed until the Active Year is changed: • This allows the Schedule Wizard to be used and reducing the number of records sent until the final schedule is completed. • A resync must be done after the Active Year is changed to send data.

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Section resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
classPeriod Reference	Reports the following elements that are part of the Natural Key for the Class Periods: • id • name	M	N/A	N/A
courseOffering Reference	Reports the following elements that are part of the Natural Key for the Course Offering: • schoolReference • sessionReference • localCourseCode	M	N/A	N/A
locationReference	Reports the following elements that are part of the Natural Key for the Locations resource: • schoolReference • classroomIdentificationCode	M	N/A	N/A
schoolReference	Reports the following elements that are part of the Natural Key for the Schools resource: • EntityID	M	N/A	N/A
uniqueSectionCode	A unique identifier for the section, that is defined for a campus by the classroom, the subjects taught, and the instructors that are assigned. This element reports the section ID of the section being reported.	M	N/A	N/A
sequenceOfCourse	When a section is part of a sequence of parts for a course, the number if the sequence. If the course has only onle part, the value of this section attribute should be 1. 1. Report the code selected in Scheduling > Courses > Course > Course Editor > Course Inventory Sequence Part (Course.sequencePart) 2. When Course Inventory Sequence Part = Null, report 1.	M	N/A	N/a
educational EnvironmentType	The setting in which a child receives education and related services. For example, Center-based instruction Home-based instruction, Hospital class, Mainstream Residential care, treatment facility. Logic reports the Ed-Fi Code value from the Instructional Setting selected on the course section being reported. If NULL, do not report This element does not report in Wyoming.	O	Section. instructionalSetting	Scheduling > Course > Section > Instructional Setting

Data Element	Description			Campus Database Field	Campus GUI Location
mediumO fInstructionType	The media through which teachers provide instruction to students and students and teachers communicate about instructional matters. This element is optional and does not report.	O		N/A	N/A
populationServed Type	The population for which the course was designed. This element is optional and does not report.	O		N/A	N/A
availableCredit Type	The type of credits or units of value awarded for the completion of a course. This element is optional and does not report.	O		N/A	N/A
availableCredit Conversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units. This element is optional and does not report.	O		N/A	N/A
instructionLanguage Descriptor	This element is optional and does not report.	O		N/A	N/A
availableCredit	Credits or units of value awarded for the completion of a course. Logic calculates this as follows: • Sum the total number of credits from the Grading Tasks on the course • Divide by the number of terms the course section occurs	O		GradingTaskCredit. Credit	Scheduling > Courses > Course > Grading Tasks > Credit
characteristics	This descriptor defines characteristics of a section, such as whether attendance is taken and the section is graded. This reports when the following are added: • Attendance and/or Positive Attendance check box is checked on a course. • A grading task is added and saved to a course. This element does not report in Wyoming.	O		GradingTaskCredit. Credit	Scheduling > Course > Attendance/Positive Attendance Scheduling > Course > Grading Tasks
	sectionCharacteristic Descriptor	Defines the characteristics of a section, such as whether attendance is taken and the section is graded. See the Type/Description Layout for more information.	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
programs	An unordered collection of sectionPrograms. This educational entity represents a setting in which organized instruction of course content is provided to one or more students for a given period of time. This element is optional and does not report.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource. This element is optional and does not report.	O	N/A	N/A

Type/Descriptor Layout

Click here to expand...

This table describes the Ed-Fi Value mapped and reported for **Section Characteristic Descriptors**.

	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Report the Ed-Fi Code Value when the Attendance and/or Positive Attendance is checked on the course	01	Attendance Tracked	Attendance Tracked
Report the Ed-Fi Code Value when the Course has a grading task assigned to the course	02	Graded Credit	Graded Credit Available

This table describes the Ed-Fi Value mapped and reported for **Section Characteristic Descriptors**.

	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Report the Ed-Fi Code Value when the Attendance and/or Positive Attendance is checked on the course	01	Attendance Tracked	Attendance Tracked
Report the Ed-Fi Code Value when the Course has a grading task assigned to the course	02	Graded Credit	Graded Credit Available

Sessions

This entity represents the prescribed span of time when an education institution is open, instruction is provided and students are under the direction and guidance of teachers and/or education institution administration. A session may be interrupted by one or more vacations.

In order to report properly, the Ed-Fi Term Type field needs to be populated on the Calendar Term Detail editor. This ties the Course Section to the Term. If the Course Section needs to use a different term type, the Ed-Fi Term Type Override field needs to be populated on the Course Section Editor.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Data will not report for calendars marked as Exclude.

Action	Trigger
Post	When a new Term Schedule is created and saved that is Mapped to a Term Type and a resync of Sessions is completed. • If the same Term Type is selected on multiple Terms, group the Terms together so only 1 record will report per Term Type. • If there are multiple Calendars or Schedule structures in a School with the same Term Types, only 1 record can report to Ed-Fi. Report the earliest Term Start Date and latest Term End Date.
Post	When a Term Descriptor Override is selected on a Course or Section and saved, and the course is mapped to a Term Descriptor Override and a resync of Sessions is completed. • The Session will report the start and end dates based on the mapping of the course section • If the same Term Type is selected in the Terms tab and the Term Type Override, a record will not send from the override field
Put	When the Grading Period, term name, start or end dates are changed and saved.
Delete	Terms are never deleted; they are only used as a reference. They remain if a Term Schedule is deleted or Term Types are changed.

Scope Year Logic

▸ Click here to expand...

This table describes scope year logic of this object.

Logic
Reports Sessions for the scope year the calendar is aligned to.
Data will only send for the years that have valid configuration.
Future Years data will be suppressed until the Active Year is changed: • This allows the Schedule Wizard to be used and reducing the number of records sent until the final schedule is completed. • A resync must be done after the Active Year is changed to send data.

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Sessions resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
schoolReference	Reports the following elements that are part of the Natural Key for the School resource: • EntityID	M	N/A	N/A
schoolYearTypeReference	A reference to the related SchoolYearType resource. This element reports the End year from the calendar term reported.	M	N/A	N/A
name	The identifier for the calendar for the academic session. This element reports the Schedule Structure + Term Name with a - separating the names (e.g., Main - Term 1).	M	Term.edfiTypeName	System Administration > Calendar > Calendar > Terms > Term Type Name

Page 48

Data Element	Description		Campus Database Field	Campus GUI Location
termDescriptor	This descriptor defines the term of a session during the school year (e.g., Fall Semester). See the Term Descriptor mapping in the Type/Descriptor section below. 1. When reporting from Term Descriptors mapping, report the Ed-Fi Code for the value selected 1. When Ed-Fi Term Type = Null, or when no Ed-Fi code exists, do not report. 2. When reporting from the Term Descriptor Overrides, report the Ed-Fi code value selected	O	Term.edFiTermType Course.edFiTermType Section.edFiTermType	System Administration > Calendar > Calendar > Terms > Term Type OR Scheduling > Courses/Sections

beginDate	The term start date. This element reports the start date of the term being reported.
	1. When reporting from a Term Schedule, report the start date of the term being reported
	  1. If more than 1 term has the same Term Type selected, report the earliest start date
	2. When reporting from a Term Type Override on a section:
	  1. Report the start date from mapping the course is aligned to.
		M	Term.startDate	System Administration > Calendar > Calendar > Terms > Start Date

endDate	The term end date. This element reports the end date of the term being reported.
	1. When reporting from a Term Schedule, report the end date of the term being reported
	  1. If more than 1 term has the same Term Type selected, use the latest end date
	2. When reporting from a Term Type Override on a section:
	  1. Report the end date from mapping the course is aligned to.
		M	Term.endDate	System Administration > Calendar > Calendar > Terms > End Date

Data Element	Description		Campus Database Field	Campus GUI Location

totalInstructionalDays	This element reports the total number of instructional days from the Days tab from the calendar and schedule structure the term is associated with.
	1. When reporting from Term Schedule, count the total number of instructional days from the Days tab from the calendar and schedule structure the term is associated with
	    1. A day reset must be completed before the days will calculate. Use the resync after day reset is completed to have instructional days calculated and sent.
	    2. If more than 1 term schedule has the same Term Type, count the distinct number of instructional days from all terms for that Term Type
	2. When reporting from Term Type Override, count the number of instructional days that fall on/between the start and end dates.
	
	A day reset must be completed before the days will calculate. Use the resync function of Ed-Fi Tools to have instructional days calculated and sent.
		M	N/A	N/A

academicWeeks	An unordered collection of sessionAcademicWeeks.	O	N/A	N/A
gradingPeriods	An unordered collection of sessionGradingPeriods.	O	N/A	N/A

Data Element		Description			Campus Database Field	Campus GUI Location
	gradingPeriodReference	Report a record for each Grading Period reported in the Grading Periods Resource that occurs in the session being reported. When reporting from Term Type Override, reference all grading periods that are associated with any course or section with the same Term Type Override • The course is associated with the grading task of the grading period • The section is placed in the term of the grading period If there is not a Grading Period association with the Session, the array will be NULL and the Session record will error	M	N/A	N/A
etag		A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Term Descriptor**:

Code	Name	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
CO	Continuous	Continuous	Continuous	Continuous
1S	Fall Semester	Fall Semester	Fall Semester	Fall Semester
2S	Spring Semester	Spring Semester	Spring Semester	Spring Semester

Code	Name	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
SS	Summer Semester	Summer Semester	Summer Semester	Summer Semester
1T	First Trimester	First Trimester	First Trimester	First Trimester
2T	Second Trimester	Second Trimester	Second Trimester	Second Trimester
3T	Third Trimester	Third Trimester	Third Trimester	Third Trimester
FY	Full Year	Full Year	Full Year	Full Year
MT	MiniTerm	MiniTerm	MiniTerm	MiniTerm
1Q	First Quarter	First Quarter	First Quarter	First Quarter
2Q	Second Quarter	Second Quarter	Second Quarter	Second Quarter
3Q	Third Quarter	Third Quarter	Third Quarter	Third Quarter
4Q	Fourth Quarter	Fourth Quarter	Fourth Quarter	Fourth Quarter
OT	Other	Other	Other	Other
8M	Eighth MiniTerm	Eighth MiniTerm	Eighth MiniTerm	Eighth MiniTerm
11M	Eleventh MiniTerm	Eleventh MiniTerm	Eleventh MiniTerm	Eleventh MiniTerm
5M	Fifth MiniTerm	Fifth MiniTerm	Fifth MiniTerm	Fifth MiniTerm
1M	First MiniTerm	First MiniTerm	First MiniTerm	First MiniTerm
4M	Fourth MiniTerm	Fourth MiniTerm	Fourth MiniTerm	Fourth MiniTerm
9M	Ninth MiniTerm	Ninth MiniTerm	Ninth MiniTerm	Ninth MiniTerm
2M	Second MiniTerm	Second MiniTerm	Second MiniTerm	Second MiniTerm
7M	Seventh MiniTerm	Seventh MiniTerm	Seventh MiniTerm	Seventh MiniTerm
6M	Sixth MiniTerm	Sixth MiniTerm	Sixth MiniTerm	Sixth MiniTerm
10M	Tenth MiniTerm	Tenth MiniTerm	Tenth MiniTerm	Tenth MiniTerm
3M	Third MiniTerm	Third MiniTerm	Third MiniTerm	Third MiniTerm
12M	Twelfth MiniTerm	Twelfth MiniTerm	Twelfth MiniTerm	Twelfth MiniTerm

Staff Cohort Association

This association indicates the Staff associated with a cohort of students.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a Staff is assigned as "Instructor" to a Program Session that is reported as a Cohort in the Scoped Year. • The Cohort can only be created from Program Admin> Programs> Programs tab. • The Staff member must have an Ed-Fi ID to report.
Put	When the end date is updated on the Program Sessions tab.
Delete/Post	When any part of the Natural Key changes.
Delete	When the Program Session is deleted.
Delete	When staff is removed from the "Instructor" field.

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Staff Cohort Association resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
cohortReference (educationOrganizationId contained in this property)	Reports the the Natural Key of the Cohort resource.	M	district.number	System Admin > Resources > District Information > District Detail > State District Number
staffreference	Reports the the Natural Key of the Staff resource.	M		
beginDate	The month, day, and year on which the Staff was first identified as part of the Cohort. Reports the Start Date the staff is assigned to the Program Session.	O	programSession.startdate	Programs Admin > Programs > Program Sessions > Start Date
endDate	The month, day, and year on which the Staff was removed as part of the Cohort. 1. Reports the End Date the staff is ended from the Program Session. 2. If NULL, does not report.	O	programSession.enddate	Programs Admin > Programs > Program Sessions > End Date
studentRecordAccess	This element is optional and does not report.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Staff Education Organization Assignment Association

This association indicates the education organization to which a staff member provides services; also known as school of service.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a person has a District Employment record with the District Staff checkbox checked and a District Assignment Code populated. OR When a person has a District Assignment record and the District Staff checkbox is not checked.
	Do NOT report a record if any one of the following scenarios are true: 1. There is not an Ed-FI ID for the staff person. 2. The staff records are not active based on the Scope Year logic listed below 3. If the Assignment Code field is not mapped in Resource Preferences.

Action	Trigger
	If school staff member has more than 1 qualifying District Assignment record, a record will generate for each eligible School/Start date.
Put	N/A, a delete and insert occurs when any field is edited and saved.
Delete/Post	When the person's employment assignment record is changed
Delete/Post	When the person's employment record is changed.
Delete/Post	If there are two District Assignment records that create the same natural Key and 1 is Deleted, the remaining record will be posted.
Delete/Post	When the Assignment Code, Start Date or End date is modified on the District Assignment record.
Delete	When a District Assignment record is deleted.
Delete	When a District Employment record is deleted
Delete	When a District Employment record > District Staff is unchecked AND no district assignment exists for the staff.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic

A record will report when a person has a District Assignment record that is aligned to a scoped year.
• Report when a staff has an active District Assignment record that overlaps with the School year Start and End Dates.
  ○ If School Year Start Date is NULL, 7/1/xxxx will be the default start date used.
  ○ If School Year End Date is NULL, 6/30/xxxx will be the default end date used.
• Data will only send for the years that have valid configuration.

When using data in Campus that has an effective date, the following logic will be applied to determine the scope year(s) to report the data to. • Current Year: Records will be compared to today's date to determine if the record is eligible to report. • Previous Years: The record's date must be on or before the schools year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used. • Future Years: The record's date must be on or after the schools year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used.

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Staff Education Organization Agreement Association resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
StaffEducationOrganization EmploymentAssociationReference	Reports the data that is part of the Natural Key for the Staff Education Organization Employment Association resource: • educationOrganizationReference • staffReference • employmentStatusDescriptor • hireDate	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
educationOrganizationReference	A reference to the related EducationOrganization resource. 1. First look to District Employment > District Staff. If the checkbox is checked, report staff with the District Number. 2. If the District Staff checkbox is not checked, report the State School Number.	M	N/A	N/A
staffReference	Reports the data that is part of the Natural Key for the Staff resource: • staffUniqueId	M	N/A	N/A
staffClassificationDescriptor	The titles of employment, official status, or rank of education staff. Report the Ed-Fi code mapped to the value selected: 1. If reporting from District Employment, report the Ed-Fi Code mapped to the District Assignment Code selected. 2. If reporting from District Assignment, report the Ed-Fi Code mapped to the Assignment Code selected. 3. Look to see if a default value is saved in the Attribute Dictionary when reporting.	M	EmploymentAssignment. assignmentCode	Census > People > District Assignment > Assignment Code
beginDate	The month, day and year of the start or effective date of a staff member's employment, contract or relationship with the LEA. This element reports the Start Date from the District Assignment being reported. 1. When reporting from the District Employment record, report the District Employment Start Date. 2. When reporting from the District Assignment record, report the District Assignment Start Date.	M	EmploymentAssignment. startDate	Census > People > District Assignment > Start Date
positionTitle	The descriptive name of an individual's position. 1. When reporting from the District Employment record, report the name from the District Assignment Code selected. 2. When reporting from the District Assignment record, report the name from the Assignment Code selected.	O	Employment. edFiOrgTitle	Census > People> District Employment > Ed-Fi Org Title > Ed-Fi Code

Data Element	Description		Campus Database Field	Campus GUI Location

endDate	The month, day and year of the end or termination date of a staff member's employment, contract or relationship with the LEA.
	1. When reporting from the District Employment record, report the District Employment End Date
	  1. If NULL, do not report
	2. When reporting from the District Assignment record, report the District Assignment End Date
	  1. If NULL, do not report
		O	EmploymentAssignment. endDate	Census > People > District Assignment > End Date

orderOfAssignment	Describes whether the assignment is this the staff member's primary assignment, secondary assignment. This element is optional and does not report.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Type/Descriptor

▸ Click here to expand...

The highlighted column indicates the reported value.

The Data Dictionary for **Ed Org Title/Staff Classification** is an unlocked list that is managed by the districts.

To create a new or modify an existing Ed-Fi Org Title Code:

1. When Ed-Fi Org Title Code on District Employment is not null, a record will be sent for that employee.
    1. When Ed-Fi Org Title Code on District Employment is null, a record will not be sent for that employee

Field Logic :

1. When Ed-Fi Org Title's Standard code = 000, the **educationOrganizationReference** will report 000.
2. When Ed-Fi Org Title's Standard code = NA, the Position Title will report blank. Else, Position Title will report the ED-Fi Short description which is the Name field in the data dictionary.

Staff Education Organization Employment Association

This association indicates the education organization an employee, contractor, volunteer or other service provider is formally associated with typically indicated by which organization the staff member has a services contract with or receives compensation from.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger

Action	Trigger
Post	When a person has a District Employment record with the District Staff check box checked and a District Assignment Code populated. OR When a person has a District Assignment record and the District Staff check box is not checked.
	Do NOT report a record if any one of the following scenarios are true: 1. There is not an Ed-FI ID for the staff person. 2. The staff records are not active based on the Scope Year logic listed below. 3. The Employment Status field is not mapped in Resource Preferences.
Put	N/A, a delete and insert occurs when any field is edited and saved.
Delete/Post	When the person's employment assignment record is changed.
Delete/Post	When the person's employment record is changed.
Delete/Post	If there are two District Assignment records that create the same natural Key and 1 is Deleted, the remaining record will be posted.
Delete	When a District Assignment record is deleted.
Delete	When a District Employment record is deleted.
Delete	When a District Employment record > District Staff checkbox is removed, AND no district assignment exists for the staff.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
A record will report when a person has a District Assignment record that is aligned to a scoped year.
Report when a staff has an active District Assignment record that overlaps with the School year Start and End Dates.   • If School Year Start Date is NULL, 7/1/xxxx will be the default start date used.   • If School Year End Date is NULL, 6/30/xxxx will be the default end date used.
Data will only send for the years that have valid configuration.

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Staff Education Organization Employment Association resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
educationOrganization Reference	Logic first looks to District Employment > District Employment > Ed-Fi Org Title droplist. When District Employment > Ed-Fi Org Title's Standard Code = 000, report EdOrgRef with District Number. 1. First look to District Employment > District Staff. If the checkbox is checked, report staff with the District Number. 2. If the District Staff checkbox is not checked, report the State School Number from the District Assignment record.	M	N/A	System Administration> Resources> District Information> State District Number OR System Administration> Resources> School> State School Number
staffReference	Reports the data that is part of the Natural Key for the Staff resource: • staffUniqueId	M	N/A	N/A

employmentStatus Descriptor	This descriptor defines the type of employment or contract.
	1. When reporting from the District Employment record, report 'Tenured or permanent'
	2. When reporting from the District Assignment tab, report the value in the Ed-Fi code field from the 'Type' droplist
	   1. Report the attribute Default Value if available and the field is NULL in the DB
	   2. If the 'Type' field is NULL and there is no Default Value, report 'Tenured or permanent'
		M	Employment assignment.type	Census > People > District Assignment > Type

hireDate	The month, day, and year on which a contract between an individual and a governing authority specifies that employment is to begin (or the date on which the agreement is made valid). 1. When reporting from the District Employment record, report the District Employment Start Date 2. When reporting from the District Assignment record, report the District Assignment Start Date	M	Employment assignment.startDate	Census > People > District Assignment > Start Date

Data Element	Description		Campus Database Field	Campus GUI Location
endDate	The month, day, and year on which a contract between an individual and a governing authority ends or is terminated under the provisions of the contract (or the date on which the agreement is made invalid). 1. When reporting from the District Employment record, report the District Employment End Date 1. If NULL, do not report 2. When reporting from the District Assignment record, report the District Assignment End Date 1. If NULL, do not report	O	Employment assignment.endDate	Census > People > District Assignment > End Date
separationType	The type of employment separation (e.g., Voluntary separation, Involuntary separation, Mutual agreement, Other, etc). This is not collected within Campus and is not reported.	O	N/A	N/A
separationReason Descriptor	This descriptor defines the reasons for terminating the employment. This is not collected within Campus and is not reported.	O	N/A	N/A
department	The department or su-organization the employee/contractor is associated with in the Education Organization. This is not collected within Campus and is not reported.	O	N/A	N/A
fullTimeEquivalency	The ratio between the hours of work expected in a position and the hours of work normally expected in a full-time position in the same setting. This is not collected within Campus and is not reported.	O	N/A	N/A
offerDate	Date at which the staff member was made an official offer for this employment. This is not collected within Campus and is not reported.	O	N/A	N/A
hourlyWage	Hourly wage associated with the employment position being reported. This is not collected within Campus and is not reported.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Employment Status Descriptors**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Probationary	Probationary	Probationary
Contractual	Contractual	Contractual
Substitute/temporary	Substitute/temporary	Substitute/temporary
Tenured or permanent	Tenured or permanent	Tenured or permanent
Volunteer/no contract	Volunteer/no contract	Volunteer/no contract
Employed or affiliated with outside organization	Employed or affiliated with outside organization	Employed or affiliated with outside organization
Non-contractual	Non-contractual	Non-contractual
Employed part-time	Employed part-time	Employed part-time
Employed or affiliated with outside agency part-time	Employed or affiliated with outside agency part-time	Employed or affiliated with outside agency part-time
Other	Other	Other

Staff Education Organization Identity Associations

This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a person has a District Employment record and the District Employment > Ed-Fi Org Title's Standard Code = 000 OR When a person has a District Assignment record and District Employment > Ed-Fi Org Title is blank or the Standard Code does not = 000 Do NOT report a record if any one of the following scenarios are true: • There is not an Ed-FI ID for the staff person. • The staff records are not active based on the Scope Year logic listed below • If the record is being triggered from a District Assignment record and it is marked as Exclude • If the record is being triggered from a District Assignment record and the School is marked as Exclude • If data is sent prior to the Exclude check boxes are checked, the data will remain and the user will need to use the Delete Tool to remove data. • When Census > People > Demographics > Personal Contact Info > Email = Null.
Put	When any data is edited for the person in the Data Elements fields below.
Put	When the person's employment assignment record is changed.
Put	When the person's employment record is changed.
Delete	We will not send any deletes for this resource.

Scope Year Logic

▸ Click here to expand...

This table describes scope year logic of this object.

Logic
A record will report when a person has a District Assignment or District Employment record that is aligned to a scoped year
Report when a staff has an active District Assignment or District Employment record that overlaps with the School year Start and End Dates • If School Year Start Date is NULL, 7/1/xxxx will be the default start date used • If School Year End Date is NULL, 6/30/xxxx will be the default end date used
Data will only send for the years that have valid configuration.
When using data in Campus that has an effective date, the following logic will be applied to determine the scope year(s) to report the data to: • Current Year: Records will be compared to today's date to determine if the record is eligible to report • Previous Years: The record's date must be on or before the schools year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used • Future Years: The record's date must be on or after the schools year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used
When using data in Campus that have start and end dates, the following logic will be applied to determine the scope year(s) to report the data to: • Current Year: The records start date must be on or before today's date and the records end date must be on or after today's date • Previous Years: The record's start date must be on or before the school year's end date and the record's end date must be after the school year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used • Future Years: The record's start date must be on or before the schools year's start date and the record's end date must be on or after the school year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is use

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Staff Education Organization Identity Associations resource.

Data Element	Description		Campus Database Field	Campus Location
id	The unique identifier of the resource.	M	N/A	N/A
educationOrganizationReference/**educationOrganizationId**	A reference to the related EducationOrganization resource.	M	N/A	System Administra > Resourc > District > District Editor > District De > State District Number System Administra > Resourc > School > Entity ID
staffReference/**staffUniqueId**	A reference to the related Staff resource.	M	N/A	N/A

Data Element	Description			Campus Database Field	Campus Location
electronicMailAddress	The electronic mail (e-mail) address listed for an individual or organization.		M	N/A	Census > People > Demograp > Persona Contact In Email
telephones	An unordered collection of staffEducationOrganizationIdentityAssociationTelephones. The 10-digit telephone number, including the area code, for the person.		O	N/A	N/A
	TelephoneNumberType	The type of communication number listed for an individual or organization. Only report when the applicable UI field is NOT = Null: • Report "Mobile" when reporting from Census > People > Demographics > Personal Contact Info > Cell Phone • Report "Other" when reporting from Census > People > Demographics > Personal Contact Info > Other Phone • Report "Work" when reporting from Census > People > Demographics > Personal Contact Info > Work Phone	M	N/A	Census > People > Demograp > Persona Contact In
	TelephoneNumber	The telephone number including the area code, and extension, if applicable.	M	N/A	Census > People > Demograp > Persona Contact In
	OrderOfPriority	Optional and does not report	O	N/A	N/A
	TextMessageCapabilityIndicator	Optional and does not report	O	N/A	N/A
_etag	A unique system-generated value that identifies the version of the resource.		O	N/A	N/A

Staff

This entity represents an individual who performs specified activities for any public or private education institution

or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a person has a District Employment record. OR When a person has a District Assignment record that overlaps the configured year and they have an Ed-Fi ID. Do NOT report a record when the following scenario is true: • There is no Ed-FI ID for the staff person. • The staff records are not active based on the Scope Year logic listed below
Put	When any data is edited for the person in the Data Elements fields below. • When the person's identity record is changed. • When the person's employment assignment record is changed. • When the person's employment record is changed. • When one of the person's section staff history records is changed. • When one of the person's employment credentials is changed.
Delete	Staff records are a shared resource among all districts, this record will not delete.

Scope Year Logic

▸ Click here to expand...

This table describes scope year logic of this object.

Logic
A record will report when a person has a District Assignment record that is aligned to a scoped year.
Report when a staff has an active District Assignment record that overlaps with the School year Start and End Dates.   • If School Year Start Date is NULL, 7/1/xxxx will be the default start date used.   • If School Year End Date is NULL, 6/30/xxxx will be the default end date used.
Data will only send for the years that have valid configuration.
When using data in Campus that has an effective date, the following logic will be applied to determine the scope year(s) to report the data to.   • Current Year: Records will be compared to today's date to determine if the record is eligible to report.   • Previous Years: The record's date must be on or before the schools year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used.   • Future Years: The record's date must be on or after the schools year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used.
When using data in Campus that have start and end dates, the following logic will be applied to determine the scope year(s) to report the data to.   • Current Year: The records start date must be on or before today's date and the records end date must be on or after today's date.   • Previous Years: The record's start date must be on or before the school year's end date and the record's end date must be after the school year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used.   • Future Years: The record's start date must be on or before the schools year's start date and the record's end date must be on or after the school year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is use.

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Staff resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
staffUniqueId	A unique alpha-numeric code assigned to a staff. The staff member's Ed-Fi ID is reported.	M	Census.edFiId	Census > People > Demographics > EdFi ID
personalTitlePrefix	A prefix used to denote the title, degree, position or seniority of the person. This element is currently not reported or collected.	C	N/A	N/A
firstName	The staff member's legal first name. The first name form the person's current identity record is reported.	M	Identity.firstName	Census > People > Identities > First Name
middleName	The staff member's legal middle name. The middle name form the person's current identity record is reported.	C	Identity. middleName	Census > People > Identities > Middle Name
lastSurname	The staff member's legal last name. The last name form the person's current identity record is reported.	M	Identity.lastName	Census > People > Identities > Last Name
generationCodeSuffix	An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III). The suffix form the person's current identity record is reported.	C	Identity.suffix	Census > People > Identities > Suffix
maidenName	The person''s maiden name, if applicable. This element is currently not reported or collected.	O	N/A	N/A
sexType	The person's gender.	M	Identity.gender	Census > People > Identities > Gender
birthDate	The month, day, and year on which an individual was born. The Birth Date from the person's current identity record is reported.	M	Identity.birthDate	Census > People > Identities > Birth Date
hispanicLatinoEthnicity	An indication that the individual traces his or her origin or descent to Mexico, Puerto Rico, Cuba, Central and South America, and other Spanish cultures, regardless of race. Report from "Is the individual Hispanic/Latino?" from the person's current identity: 1. If droplist is = Yes, report "true" 2. If droplist is = No or NULL, report "false"	M	Identity. hispanicEthnicity	Census > People > Identities > Date Entered US
oldEthnicityType	Previous definition of Ethnicity combining Hispanic/latino and race 1 - American Indian or Alaskan Native 2 - Asian or Pacific Islander 3 - Black, not of Hispanic origin 4 - Hispanic 5 - White, not of Hispanic origin. This element is optional and is not reported.	O	Identity. raceEthnicityFed	Historical data in Campus database

Data Element	Description		Campus Database Field	Campus GUI Location
highestCompletedLevelOfEducationDescriptor	The highest level of completed for a staff member. The Education value from the person's Credentials tab is reported. 1. Report the Ed-Fi Code value from from the person's Credentials tab when the Credential Type is = ED: Education 2. If there is not a valid credential, report the Ed-Fi Code Value from Education droplist on the person's District Employment record 3. If there is no Education record or the Ed-Fi code value is NULL, do not report. Scope Year logic is used to determine the Scope Year to post or update. See the **Level of Education Descriptors** table in the section below for the Ed-Fi value that is reported.	O	N/A	Census > People > Credentials Census > People > District Employment
yearsOfPriorProfessionalExperience	The total number of years that an individual has previously held a similar professional position in one or more education institutions. This element is currently not reported or collected.	O	N/A	N/A
yearsOfPriorTeachingExperience	The total number of years that an individual has previously held a teaching position in one or more education institutions. This element is currently not reported or collected.	O	N/A	N/A
highlyQualifiedTeacher	An indication of whether a teacher is classified as highly qualified for his/her assignment according to state definition. This attribute indicates the teacher is highly qualified for ALL sections being taught. This element reports True when the person has a Credential Type = HQ: Highly Qualified. • Start date must be on or before today's date • End date must be NULL, or on or after today's date This element reports False when the person is a teacher on any active course section and does not have an HQ: Highly Qualified Credential. If person is not a teacher, do not report a record. Scope Year logic is used to determine the Scope Year to post or update.	O	N/A	Census > People > Credentials
loginId	The login ID for the user; used for security access control interface. This element is currently not reported or collected.	O	N/A	N/A
citizenshipStatusType	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. This element is currently not reported or collected.	O	N/A	N/A
addresses	Report the person's address(es). This element is optional and is not reported.	O	N/A	N/A

Data Element	Description			Campus Database Field	Campus GUI Location
credentials	An unordered collection of staffCredentials. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion. This element is optional and is not reported.		O	N/A	N/A
electronicMails	An unordered collection of staffElectronicMails. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion. See the **Electronic Mail Types** table in the section below for the Ed-Fi value that is reported. This element is an array which also reports the following data:		O	Contact.email	Census > People > Demographics > Email Census> People> Demographics Secondary Email
	electronicMailType	This element reports the Electric Mail mapping. The Email (primary) address reports as 'Work'. The Secondary Email address reports as 'Home/Personal'.	M	N/A	N/A
	electronicMailAddress	The numbers, letters, and symbols used to identify an electronic mail (e-mail) user within the network to which the individual or organization belongs.	M	Contact.email	Census > People > Demographics > Email Census> People> Demographics Secondary Email
	primaryEmail AddressIndicator	An indication that the electronic mail address should be used as the principal electronic mail address for an individual or organization.	O	N/A	N/A

Data Element	Description			Campus Database Field	Campus GUI Location
identificationCodes	An unordered collection of staffIdentificationCodes. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion. This element reports the State Staff ID and/or the License Number form the District Employment record. If License Number on the District Employment record is null, the License Number form the Credentials tab is reported if is a value of Licensure/Certification. If the Local Staff Number is populated, this value is reported. Scope Year logic is used to determine the Scope Year to post or update. See the **Staff Identification System Type** table in the section below for the Ed-Fi value that is reported. This element is an array which also reports the following data:		O	N/A	Census > People >Demographics > State Staff ID and/or Census > People > District Employment > License or Credentials > License Numb
	Staff Identification System Type	This element reports the short description from the Staff Identification Code mapping described in the table and section below.	M	N/A	N/A
	Assigning Organization Identification Code	The organization code or name assigning the Staff Identification Code.	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
	Identification Code	A unique number or alphanumeric code assigned to a staff member by a school, school system, a state, or other agency or entity. Reporting Logic is as follows: 1. Report the Staff State ID if populated 2. Report the License Number from the District Employment Record 1. Start Date must be on or before today's date 2. End Date must be on or after today's date 3. If License Number from District Employment is NULL, Report the License Number from the Credentials tab when the type = Licensure/Certification 1. Start Date must be on or before today's date 2. End Date must be on or after today's date 3. If staff has more than 1 eligible record, report the most recent start date. 1. If start date is the same, report highest id.	M	N/A	N/A
identificationDocuments	An unordered collection of staffIdentificationDocuments. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion. This element is currently not reported or collected.		O	N/A	N/A

Data Element	Description			Campus Database Field	Campus GUI Location
internationalAddresses	An unordered collection of staffInternationalAddresses. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion. This element is currently not reported or collected.		O	N/A	N/A
languages	An unordered collection of staffLanguages. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion. This element is currently not reported or collected.		O	N/A	N/A
otherNames	An unordered collection of staffOtherNames. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion. This element is currently not reported or collected.		O	N/A	N/A
races	An unordered collection of staffRaces. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion. This element looks at the Race Ethnicity checkboxe(s) marked on the person's Identity record. See the **Race Type** table in the section below for the Ed-Fi value that is reported. This element is also an array which reports the following data:		O	Identity. raceEthnicity and RaceEthnicity. raceid	Census > People > Identities > Race/Ethnicity
	raceType	The general racial category which most clearly reflects the individual's recognition of his or her community or with which the individual most identifies. This element reports the short description mapped based on the Race Type table in the section below.	M	Identity. raceEthnicity and RaceEthnicity. raceid	Census > People > Identities > Race/Ethnicity

Data Element	Description			Campus Database Field	Campus GUI Location
telephones	An unordered collection of staffTelephones. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion. This element reports the phone numbers entered in the person's Personal Contact Information editor. See the **Telephone Number** table in the section below for the Ed-Fi value that is reported. This element is an array which reports the following additional data:		O	Contact.homephone Contact.workphone Contact.cellphone Contact.pager	Census > People > Demographics > Personal Contact Information > Other Phone, Work Phone, Cell Phone, Pager
	telephoneNumberType	This element reports the short description mapped in the Telephone Number Type table listed in the section below.	M	N/A	N/A
	orderOfPriority	The order of priority assigned to telephone numbers to define which number to attempt first, second, etc.	O	N/A	N/A
	textMessage CapabilityIndicator	An indication that the telephone number is technically capable of sending and receiving Short Message Service (SMS) text messages.	O	N/A	N/A
	telephoneNumber	The 10-digit telephone number, including the area code, for the person. This element reports the phone numbers entered in the person's Personal Contact Information editor.	M	Contact.homephone Contact.workphone Contact.cellphone Contact.pager	Census > People > Demographics > Personal Contact Information > Other Phone, Work Phone, Cell Phone, Pager
visas		An unordered collection of staffVisas. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion. This element is currently not reported or collected.	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Level of Education Descriptors**:

Code in Campus	Name in Campus	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
HS	High School Diploma	N	None	None
GED	GED or Equivalent	N	None	None
A	Associates	A	Associates	Associates Degree (two years or more)
AA	Associate of Arts (A.A.)	A	Associates	Associates Degree (two years or more)
AS	Associate of Science (A.S.)	A	Associates	Associates Degree (two years or more)
AAS	Associate of Applied Science (A.A.S.)	A	Associates	Associates Degree (two years or more)
B	Bachelors	B	Bachelor's	Bachelor's
BA	Bachelor of Arts (B.A.)	B	Bachelor's	Bachelor's
BS	Bachelor of Science (B.S.)	B	Bachelor's	Bachelor's
BFA	Bachelor of Fine Arts (B.F.A.)	B	Bachelor's	Bachelor's
BBA	Bachelor of Business Administration (B.B.A.)	B	Bachelor's	Bachelor's
BED	Bachelor of Education (B.Ed.)	B	Bachelor's	Bachelor's
FPD	First Professional Degree	M	Master's	Master's
M	Masters	M	Master's	Master's
MA	Master of Arts (M.A.)	M	Master's	Master's
MS	Master of Science (M.S.)	M	Master's	Master's
MED	Master of Education (M.Ed.)	M	Master's	Master's
MBA	Master of Business Administration (M.B.A.)	M	Master's	Master's
CAGS	Certificate in Advanced Graduate Study	B	Bachelor's	Bachelor's
JD	Juris Doctor	D	Doctorate	Doctorate
EDD	Educational Doctorate (Ed.D.)	D	Doctorate	Doctorate
EDS	Educational Specialist (Ed.S.)	D	Doctorate	Doctorate
PHD	Doctor of Philosophy (Ph.D.)	D	Doctorate	Doctorate
MD	Doctor of Medicine (MD)	D	Doctorate	Doctorate
PSD	Doctor of Psychology (Psy.D.)	D	Doctorate	Doctorate

This table describes the Ed-Fi Value mapped and reported for **Level of Education Descriptors** (District Employment):

Code in Campus	Campus Name	Ed-Fi Code	Ed-Fi Short Description	Ed-Fi Description
1	Doctorate	D	Doctorate	Doctorate
2	Master's degree 30+ semester hrs	M	Masters	Masters
3	Master's degree	M	Masters	Masters

Code in Campus	Campus Name	Ed-Fi Code	Ed-Fi Short Description	Ed-Fi Description
4	Bachelor's degree 30+ semester hrs	B	Bachelors	Bachelors
5	Bachelor's degree	B	Bachelors	Bachelors
6	Less than bachelor's degree	N	None	None

Staff School Association

This association indicates the school(s) to which a teacher provides instructional services.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a District Assignment record is created or changed and saved for a staff member.
	Do NOT report a record if any one of the following scenarios are true: • There is not an Ed-FI ID for the staff person. • The District Assignment records are not active based on the Scope Year logic listed below
Put	N/A, a delete and insert occurs when any field is edited and saved.
Delete/Insert	When the person's employment assignment record is changed.
Delete	When a District Assignment record is deleted.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic

A record will report when a person has a District Assignment or District Employment record that is aligned to a scoped year.
• Report when a staff has an active District Assignment or District Employment record that overlaps with the School year Start and End Dates
    ○ If School Year Start Date is NULL, 7/1/xxxx will be the default start date used
    ○ If School Year End Date is NULL, 6/30/xxxx will be the default end date used

Data will only send for the years that have valid configuration

Object Data Elements

▶ Click here to expand...

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

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
schoolReference	Reports data from the SchoolID field that is part of the natural key for the Schools resource. The following elements are reported: • schoolID	M	N/A	N/A
staffReference	Reports data from the SchoolID field that is part of the natural key for the Staff resource. The following elements are reported: • staffUniqueId	M	N/A	N/A
programAssignment Descriptor	The name of the program for which the individual is assigned; for example: Regular education Title I-Academic Title I-Non-Academic Special Education Bilingual/English as a Second Language . A default value of Regular Education is reported if no program name is assigned. See the Program Assignment Descriptors table in the Type/Descriptor section below.	M	N/A	N/A
schoolYear	The reporting school year.	O	N/A	N/A
academicSubjects	An unordered collection of staffSchoolAssociationAcademicSubjects. This association indicates the school(s) to which a teacher provides instructional services.	O	N/A	N/A
gradeLevels	An unordered collection of staffSchoolAssociationGradeLevels. This association indicates the school(s) to which a teacher provides instructional services.	O	N/A	N/A
_etag	A unique system-generated value that identifies the version of the resource	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Program Assignment Descriptors**:

Ed-Fi Code	Ed-Fi Short Description	Ed-Fi Description
Bilingual/English as a Second Language	Bilingual/English as a Second Language	Bilingual/English as a Second Language
Regular Education	Regular Education	Regular Education
Other	Other	Other
Title I-Non-Academic	Title I-Non-Academic	Title I-Non-Academic
Special Education	Special Education	Special Education
Title I-Academic	Title I-Academic	Title I-Academic

Student Academic Record

This educational entity represents the cumulative record of academic achievement for a student.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	Report a StudentAcademicRecord instance for each school year in which the student has a transcript record and they have a Student School Association record for the scoped year. • When the "Ed-Fi Transcript Term Override" field on the Transcript is null on a manually added course, record will provide an error with the following message, "Ed-Fi Transcript Term Override field must not be null." • We will post to update the Cumulative Earned Credits field when the Earned Credit field is updated or a new transcript record is added added/deleted with a Earned Credit Value that is not null and is greater than 0
Delete	Student Academic Records will only delete when a student has only 1 Student School Association record for a specific Year and all Student School Association records are deleted.
Delete	When the State Exclude or No Show check boxes are checked on the student's enrollment. If these boxes are unchecked, the data will not post. A resync must be completed in order to resend the data.

Scope Year Logic

▸ Click here to expand...

This table describes scope year logic of this object.

Logic
Records will send to each scope year in which the Course Transcript record is posted.
Data will only send for the years that have valid configuration.

Object Data Elements

▸ Click here to expand...

This table describes data elements sent within the Student Academic Record resource.

Data Element	Description		Campus Database Field	Campus GUI Location
N/Aid	The unique identifier of the resource.	M	N/A	N/A
educationOrganization Reference	A reference to the related EducationOrganization resource. Reports the District Number	M	N/A	N/A
schoolYearTypeReference	A reference to the related SchoolYearType resource. Reports the end year for the transcript record being reported	M	N/A	N/A
studentReference	Reports the fields that are part of the Natural Key for the Student resource • studentUniqueId	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location

termDescriptor	The term for the session during the school year. See the Term Descriptor table in the Type/Descriptor section below.
	1. Report the Ed-Fi code for the value selected in "Ed-Fi Transcript Term Override" field on the transcript.
	    1. If NULL, Report the Term Descriptor based on the Course Term Type Override, else Section Term Type Override.
	2. When the Ed-Fi Transcript Term Override and both the Course Term and the Section Term Override fields are Null, report the Term Descriptor for the term aligned to the Grading Score for the posted Grade.
	3. Else, report the Ed-Fi Code from the Ed-Fi Transcript Term Descriptor Override in the SAR preferences.
	4. If an Term cannot be determined, provide error.
	5. When the SAR is posted only from the Graduation Record because there are no Course Transcripts records for the student, report the Ed-Fi Term Descriptor from the Sessions Resource Preferences that the Diploma Date falls in.
	    1. If the Diploma Date is outside of any of the Term Dates for that School Year, report the Ed-Fi Term Descriptor from the Term with the latest End Date.
	    2. If the Diploma Date is aligned to more than 1 Term Descriptor, report the value from the highest TermId.
		M	N/A	N/A

cumulativeEarnedCreditType	Key for Credit. This is optional and does not report.	O	N/A	N/A
cumulativeEarnedCredit Conversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units. This is optional and does not report.	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
cumulativeEarnedCredits	The cumulative number of credits an individual earns by completing courses or examinations during his or her enrollment in the current school as well as those credits transferred from schools in which the individual had been previously enrolled. 1. Sum the total number of credits the student has earned based on the total number of Credits Earned the student has in the Transcript Credit table. 1. Report '0' if the student does not have any Credits Earned 2. This value will be the same for all Student Academic Records that are being updated, regardless of Term Type or Year.	O	Calculated value from the earned credit field in the transcriptcredit table	Student Information > General > Transcripts
cumulativeAttemptedCreditType	Key for Credit This is optional and does not report.	O	N/A	N/A
cumulativeAttempted CreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units. This is optional and does not report.	O	N/A	N/A
cumulativeAttemptedCredits	The cumulative number of credits an individual earns by completing courses or examinations during his or her enrollment in the current school as well as those credits transferred from schools in which the individual had been previously enrolled. This is optional and does not report.	O	N/A	N/A
cumulativeGradePointsEarned	The cumulative number of grade points an individual earns by successfully completing courses or examinations during his or her enrollment in the current school as well as those transferred from schools in which the individual had been previously enrolled. This is optional and does not report.	O	N/A	N/A
cumulativeGradePointAverage	A measure of average performance in all courses taken by an individual during his or her school career as determined for record-keeping purposes. This is obtained by dividing the total grade points received by the total number of credits attempted. This usually includes grade points received and credits attempted in his or her current school as well as those transferred from schools in which the individual was previously enrolled. This is optional and does not report.	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
gradeValueQualifier	The scale of equivalents, if applicable, for grades awarded as indicators of performance in schoolwork. For example, numerical equivalents for letter grades used in determining a student's Grade Point Average (A=4, B=3, C=2, D=1 in a four-point system) or letter equivalents for percentage grades (90-100%=A, 80-90%=B, etc.). This is optional and does not report.	O	N/A	N/A
projectedGraduationDate	The month and year the student is projected to graduate. This is optional and does not report.	O	N/A	N/A
sessionEarnedCreditType	Key for Credit This is optional and does not report.	O	N/A	N/A
sessionEarnedCreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units This is optional and does not report.	O	N/A	N/A
sessionEarnedCredit	The number of an credits an individual earned in this session. This is optional and does not report.	O	N/A	N/A
sessionAttemptedCreditType	Key for Credit. This is optional and does not report.	O	N/A	N/A
sessionAttempted CreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units This is optional and does not report.	O	N/A	N/A
sessionAttemptedCredit	The number of an credits an individual attempted to earn in this session This is optional and does not report.	O	N/A	N/A
sessionGradePointsEarned	The number of grade points an individual earned for this session This is optional and does not report.	O	N/A	N/A
sessionGradePointAverage	The grade point average for an individual computed as the grade points earned during the session divided by the number of credits attempted This is optional and does not report.	O	N/A	N/A
classRanking	This educational entity represents the cumulative record of academic achievement for a student This is optional and does not report.	O	N/A	N/A
academicHonors	An unordered collection of studentAcademicRecordAcademicHonors. This educational entity represents the cumulative record of academic achievement for a student This is optional and does not report.	O	N/A	N/A
diplomas	An unordered collection of studentAcademicRecordDiplomas. This educational entity represents the cumulative record of academic achievement for a student. This is optional and does not report.	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
recognitions	An unordered collection of studentAcademicRecordRecognitions. This educational entity represents the cumulative record of academic achievement for a student This is optional and does not report.	O	N/A	N/A
reportCards	An unordered collection of studentAcademicRecordReportCards. This educational entity represents the cumulative record of academic achievement for a student This is optional and does not report.	O	N/A	N/A
_etag	A unique system-generated value that identifies the version of the resource. This is optional and does not report.	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Term Descriptor**:

Code	Name	Ed-Fi Code	Ed-Fi Short Description	Ed-Fi Description
1Q	First Quarter	First Quarter	First Quarter	First Quarter
2Q	Second Quarter	Second Quarter	Second Quarter	Second Quarter
3Q	Third Quarter	Third Quarter	Third Quarter	Third Quarter
4Q	Fourth Quarter	Fourth Quarter	Fourth Quarter	Fourth Quarter
1S	Fall Semester	Fall Semester	Fall Semester	Fall Semester
2S	Spring Semester	Spring Semester	Spring Semester	Spring Semester
SS	Summer Semester	Summer Semester	Summer Semester	Summer Semester
1T	First Trimester	First Trimester	First Trimester	First Trimester
2T	Second Trimester	Second Trimester	Second Trimester	Second Trimester
3T	Third Trimester	Third Trimester	Third Trimester	Third Trimester
FY	Full Year	Full Year	Full Year	Full Year
MT	MiniTerm	MiniTerm	MiniTerm	MiniTerm
CO	Continuous	Continuous	Continuous	Continuous
OT	Other	Other	Other	Other

Code	Name	Ed-Fi Code	Ed-Fi Short Description	Ed-Fi Description
8M	Eighth MiniTerm	Eighth MiniTerm	Eighth MiniTerm	Eighth MiniTerm
11M	Eleventh MiniTerm	Eleventh MiniTerm	Eleventh MiniTerm	Eleventh MiniTerm
5M	Fifth MiniTerm	Fifth MiniTerm	Fifth MiniTerm	Fifth MiniTerm
1M	First MiniTerm	First MiniTerm	First MiniTerm	First MiniTerm
4M	Fourth MiniTerm	Fourth MiniTerm	Fourth MiniTerm	Fourth MiniTerm
9M	Ninth MiniTerm	Ninth MiniTerm	Ninth MiniTerm	Ninth MiniTerm
2M	Second MiniTerm	Second MiniTerm	Second MiniTerm	Second MiniTerm
7M	Seventh MiniTerm	Seventh MiniTerm	Seventh MiniTerm	Seventh MiniTerm
6M	Sixth MiniTerm	Sixth MiniTerm	Sixth MiniTerm	Sixth MiniTerm
10M	Tenth MiniTerm	Tenth MiniTerm	Tenth MiniTerm	Tenth MiniTerm
3M	Third MiniTerm	Third MiniTerm	Third MiniTerm	Third MiniTerm
12M	Twelfth MiniTerm	Twelfth MiniTerm	Twelfth MiniTerm	Twelfth MiniTerm

Student Cohort Association

This entity represents any type of list of designated students for tracking, analysis, or intervention.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a Student is assigned to a Program that is reported as a Cohort in the configured year and they have a valid Student School Association in the current scoped year. • The Cohort can only be created from Program Admin > Programs > Programs tab.
Put	When the end date is updated on the Student's Programs tab.
Delete/Post	When any part of the Natural Key changes.
Delete/Post	When the student has two of the same flags with the same start date and 1 record is deleted, the remaining records data will post.
Delete	When the Program Participation record is deleted.

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Staff Cohort Association resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
cohortReference (educationOrganizationId contained in this property)	Reports the the Natural Key of the Cohort resource.	M	district.number	System Admin > Resources > District Information > District Detail > State District Number
studentreference	Reports the the Natural Key of the Studentresource.	M		
beginDate	The month, day, and year on which the student was first identified as part of the Cohort. Reports the Start Date the student was assigned to the Cohort.	O	programparticipation.startdate	Student Information > Program Participation > Programs > Start Date
endDate	The month, day, and year on which the student was removed as part of the Cohort. 1. Reports the End Date the studen tis ended from the cohort. 2. If NULL, does not report.	O	programparticipation.enddate	Student Information > Program Participation > Programs > End Date
sections	This element is optional and does not report.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Student CTE Program Association

This association represents the CTE program(s) that a student participates in or from which the student receives services.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a Career Tech Program is assigned to the student and the record Start Date is not after the student's enrollment End Date in the current calendar. • Report a record based on the student having an enrollment record in the calendar in which the Career Tech Program record aligns • Do not send a record for an enrollment that is marked as State Exclude or No Show • Do not send a record if enrollment is in a calendar marked as State Exclude • Do not send a record if the Career Tech Program record has either "Active" or "State Reported" NOT = Checked • Do not send a record if enrollment is in a school marked as Exclude

Action	Trigger
Post/Delete	When the Program Name or careerPathwayType or the Start Date values are changed, the old record must be deleted, and a new Post must occur
Put	When the cipCode for the reporting CTE record is changed.
Put	Update the record if the endDate value in this resource is changed.
Delete	When all enrollments for a calendar in which that student has a Career Tech Program record are deleted.
Delete	When the Career Tech Program record is deleted.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
When a new Career Tech Program record is assigned to the student, the record will post to the scope year(s) that the overlapping enrollments are in.
Data will only send for the years that have valid configuration

Object Data Elements

▶ Click here to expand...

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

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	O	N/A	N/A
studentReference	A unique alpha-numeric code assigned to a student	M	studentReference. studentUniqueId	Census > People > Demographics > EdFi ID
programReference	A reference to the related Student resource.	M	N/A	N/A
educationOrganization Reference	The education organization where the student is participating in or receiving the program services.	M	District.number	System Administration > Resources > District Info > State District Number
beginDate	The month, day, and year on which the student first received services.	M	N/A	Student Information > Academic Planning > Programs > Career Tech Program > Career Tech Program Detail > Start Date

Data Element	Description		Campus Database Field	Campus GUI Location
endDate	The month, day, and year on which the student exited the program or stopped receiving services. Logic reports as follows: 1. Report the End Date in Student Info > Academic Planning > Programs > Career Tech Program > Career Tech Program Detail > End Date 　1. When End Date = Null, do not report. 2. When > 1 CTE record is assigned to the student where the record has the same Cluster and Start Date, report the End Date based on the following hierarchy: 　1. Null End Date 　2. Latest End Date		C　N/A	Student Information > Academic Planning > Programs > Career Tech Program > Career Tech Program Detail > End Date
ctePrograms	The career cluster representing the career path of the Vocational/Career Tech concentrator.		C　N/A	N/A
	careerPathwayType	The career cluster representing the career path of the Vocational/Career Tech concentrator. 1. Report the Ed-Fi code mapped to the Cluster associated with the CTE Program. 2. When no selection is made in Cluster, do not report.	C　N/A	Program Admin > Programs > Career Tech Programs > Cluster

Page 82

Data Element	Description			Campus Database Field	Campus GUI Location
	cipCode	Number and description of the CIP Code associated with the student s CTE program. 1. Report the State Code (CIP) from Program Admin> Programs> Career Tech Programs> Career Tech Program Detail> State Code (CIP) 2. When "State Code (CIP)" = Null, do not report. 3. When > 1 CTE program with the same Start Date and Cluster, report the CIP code from the record in which the End Date is derived.	O	N/A	Program Admin > Programs > Career Tech Programs > Career Tech Program Detail > State Code (CIP)

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Career Pathway Type**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Agriculture, Food and Natural Resources	Agriculture, Food and Natural Resources	Agriculture, Food and Natural Resources
Architecture and Construction	Architecture and Construction	Architecture and Construction
Arts, A/V Technology and Communications	Arts, A/V Technology and Communications	Arts, A/V Technology and Communications
Business, Management and Administration	Business, Management and Administration	Business, Management and Administration
Education and Training	Education and Training	Education and Training
Finance	Finance	Finance
Government and Public Administration	Government and Public Administration	Government and Public Administration
Health Science	Health Science	Health Science
Hospitality and Tourism	Hospitality and Tourism	Hospitality and Tourism

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Human Services	Human Services	Human Services
Information Technology	Information Technology	Information Technology
Law, Public Safety, Corrections and Security	Law, Public Safety, Corrections and Security	Law, Public Safety, Corrections and Security
Manufacturing	Manufacturing	Manufacturing
Marketing, Sales and Service	Marketing, Sales and Service	Marketing, Sales and Service
Science, Technology, Engineering and Mathematics	Science, Technology, Engineering and Mathematics	Science, Technology, Engineering and Mathematics
Transportation, Distribution and Logistics	Transportation, Distribution and Logistics	Transportation, Distribution and Logistics
Other	Other	Other

Student Discipline Incident Association

This event entity represents an occurrence of an infraction ranging from a minor behavioral problem that disrupts the orderly functioning of a school or classroom (such as tardiness) to a criminal act that results in the involvement of a law enforcement official (such as robbery).

A single event (e.g., a fight) is one incident regardless of how many perpetrators or victims are involved. Discipline incidents are events classified as warranting discipline action.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	Reports a behavior incident when the incident's Status is marked and saved as "Complete". • Incident must have at least 1 behavior event associated and a Role that is mapped to an Ed-Fi Value • Posting can occur if a new event is added after Incident is marked as "Complete" • Do not send if the student's enrollment is marked as No Show or State Exclude • Do not send if the student is in a calendar marked as Exclude • Do not send if the student's enrollment is in a school marked as Exclude
Delete/Post	When data that is part of the Natural Key is changed • If the Date of Incident is changed and saved • If the Event Type is changed and saved
Delete/Post	When the Incident's status is changed • Delete when the status is changed from Completed to In Progress • Post when the status is changed from In Progress to Completed
Deete	When an incident is deleted
Delete	When all non-excluded enrollments in the school and year are deleted

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
Discipline records will only send to the school year that the incident date is aligned to based on the School Year Start and End dates. • If School Year Start Date is NULL, 7/1/xxxx will be the default start date used • If School Year End Date is NULL, 6/30/xxxx will be the default end date used
Data will only send for the years that have valid configuration

Object Data Elements

▸ Click here to expand...

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

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
discipline Incident Reference	Reports data from the fields that are part of the natural key for the Discpline Incident resource. The following elements are reported: • schoolReference • incidentIdentifier	M	N/A	N/A
studentReference	Reports data from the fields that are part of the natural key for the Student resource. The following elements are reported: • studentUniqueId	M	N/A	N/A
Student Participation Code Type	The role or type of participation of a student in a discipline incident. Report the Ed-Fi Code value from the Role that is selected for the Student being reported 1. If the student has more that 1 role with different Ed-Fi Code values, the last one to sync wins	M	BehaviorEvent.role	Behavior > Behavior Management > Participant Details > Role
behaviors	An unordered collection of disciplineIncidentBehaviors. This event entity represents an occurrence of an infraction ranging from a minor behavioral problem that disrupts the orderly functioning of a school or classroom (such as tardiness) to a criminal act that results in the involvement of a law enforcement official (such as robbery). A single event (e.g., a fight) is one incident regardless of how many perpetrators or victims are involved. Discipline incidents are events classified as warranting discipline action.		O	N/A	N/A
	Behavior Descriptor	This descriptor holds the categories of behavior describing a discipline incident. 1. Only report behaviors the student being reported is associated with. 2. Report the Ed-Fi code value from the mapped Behavior Event. 3. If the Behavior Event is not mapped, do not report.	O	N/A	Behavior > Behavior Management > Event Type

Data Element	Description			Campus Database Field	Campus GUI Location
	Detailed Description	Specifies a more granular level of detail of a behavior involved in the incident. This is optional and does not report.	O	N/A	N/A
_etag	A unique system-generated value that identifies the version of the resource.		O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Student Participation Code Types**:

State Code	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Offender	Perpetrator	Perpetrator	Perpetrator
Participant	Perpetrator	Perpetrator	Perpetrator

This table describes the Ed-Fi Value mapped and reported for **Behavior Descriptors**:

State Code	Name	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
ALC	ALCOHOL	State Offense	State Offense	State Offense
ARS	ARSON	State Offense	State Offense	State Offense
BAT	BATTERY	State Offense	State Offense	State Offense
BRK	BREAKING AND ENTERING/BURGLARY	State Offense	State Offense	State Offense
BUL	BULLYING	State Offense	State Offense	State Offense
CBL	CYBER BULLYING	State Offense	State Offense	State Offense
DOC	DISORDERLY CONDUCT	School Code of Conduct	School Code of Conduct	School Code of Conduct
DRG	DRUGS-EXCLUDING ALCOHOL	State Offense	State Offense	State Offense
FIT	FIGHTING	State Offense	State Offense	State Offense
HAR	HARASSMENT	State Offense	State Offense	State Offense
HOM	HOMICIDE	State Offense	State Offense	State Offense
KID	KIDNAPPING (ABDUCTION)	State Offense	State Offense	State Offense
MVT	MOTOR VEHICLE THEFT	State Offense	State Offense	State Offense
OMC	OTHER MAJOR OFFENSES/UNCLASSIFIED	Other	Other	Other
ROB	ROBBERY	State Offense	State Offense	State Offense
STL	LARCENY/THEFT	State Offense	State Offense	State Offense
SXB	SEXUAL BATTERY	State Offense	State Offense	State Offense
SXH	SEXUAL HARASSMENT	State Offense	State Offense	State Offense
SXO	SEX OFFENSES	State Offense	State Offense	State Offense
TBC	TOBACCO	State Offense	State Offense	State Offense

State Code	Name	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
TRE	THREAT/INTIMIDATION	State Offense	State Offense	State Offense
TRS	TRESPASSING	State Offense	State Offense	State Offense
VAN	VANDALISM	State Offense	State Offense	State Offense
WPO	WEAPONS POSSESSION	State Offense	State Offense	State Offense

Student Parent Association

This association relates students to their parents, guardians or caretakers.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When the Guardian check box is checked on the Relationships tab. • The guardian does NOT have to be a member of the same household as the student to report. • Ed-Fi does not have relationship start or end dates, if a relationship is started anytime within a school year, the record will be added for that year. ○ End Date must be blank or after school year end date defined in the School Years editor ○ Start Date must be on or before school year end date defined in the School Years editor • Report the person from the related pair that does not have an enrollment for the Parent Reference and the person that has an enrollment as the student reference. ○ If the student is a guardian of themselves (emancipated) then report the student as both the Parent and the Student. ○ If both people have a current enrollment, report the person with the higher age. ○ If age cannot be determined, do not report a record ○ A record will not send if the student they are associated with has an enrollment marked as a no show, state exclude or enrollment is in a calendar marked as Exclude
Put	When the relationship type is changed
Delete	When the Guardian check box is unchecked, relationship is end dated or deleted. • Ed-Fi does not have relationship start or end dates, if a relationship is ended within a school year, the record will be deleted for that year. • End Date must be blank or after school year end date defined in the School Years editor
Delete	Records will delete when a student has only 1 Student School Association record for a specific School and Year that record is deleted for. If a new Student School Association record is created, existing records will not re-post, a resync must be completed to resend the data
Delete	When the State Exclude or No Show check boxes are checked. if the boxes are unchecked the data will not re-post, a resync must be completed to resend the data

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
A record will report when they are a guardian to a student with an enrollment aligned to a scoped year.   - The related pair start date must be null or on/before the scope year end date to report.   - The related pair end date must be null or on/after the scope year end date to report
Data will only send for the years that have valid configuration.
A resync must be completed on the resource when a new scope year is configured in order for this data to send.
When using data in Campus that have start and end dates, the following logic will be applied to determine the scope year(s) to report the data to: - Current Year: The records start date must be on or before today's date and the records end date must be on or after today's date.   - Previous Years: The record's start date must be on or before the school year's end date and the record's end date must be after the school year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used.   - Future Years: The record's start date must be on or before the schools year's start date and the record's end date must be on or after the school year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used.

Object Data Elements

▸ Click here to expand...

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

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource	M	N/A	N/A
parentReference	Reports the fields that are part of the Natural Key for the Parents resource: parentUniqueId	M	N/A	N/A
studentReference	Reports the fields that are part of the Natural Key for the Student resource: studentUniqueId	M	N/A	N/A
relationType	The nature of an individual''s relationship to a student. - Report the Ed-Fi Code from the Ed-Fi Relation Type field that is mapped. - If no mapping, do not report. See the **Relationship Type** table in the section below for the Ed-Fi value that is reported.	O	N/A	N/A
primaryContactStatus	Indicator of whether the person is a primary parental contact for the student. This element reports True if the Guardian checkbox is marked on the Relationships tab. If the student has more than one guardian, the guardian with the earliest start date is reported. If start dates are the same or null for two guardians, the guardian with the lowest personID is reported.	O	N/A	Census > People > Relationships > Guardian

Data Element	Description		Campus Database Field	Campus GUI Location
livesWith	Indicator of whether the student lives with the associated parent. This element reports True if the student is in the same household of the parent being reported. Otherwise, reports False. • Both Student and Parent Household start date must be null or on/before the scope year end date to report. • Both Student and Parent Household end date must be null or on/after the scope year end date to report.	O	N/A	Census > People > Households
emergency ContactStatus	Indicator of whether the person is a designated emergency contact for the student. This element will report true if there is a number entered in the Emergency Priority field for the parent being reported.	O	N/A	Census > People > Relationships > Emergency Priority
contactPriority	The numeric order of the preferred sequence or priority of contact. This data is not collected in Campus is not reported.	O	N/A	N/A
contactRestrictions	Restrictions for student and/or teacher contact with the individual. This data is not collected in Campus is not reported.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Relationship Type**:

Ed-Fi Short Description	Ed-Fi Description
Aunt	Aunt
Brother	Brother
BrotherInLaw	BrotherInLaw
CourtAppointedGuardian	CourtAppointedGuardian
Cousin	Cousin
Daughter	Daughter
DaughterInLaw	DaughterInLaw
Employer	Employer
Father	Father
Father, step	Father, step
FathersSignificantOther	FathersSignificantOther
FathersCivilPartner	FathersCivilPartner
FatherInLaw	FatherInLaw
Fiance	Fiance

Ed-Fi Short Description	Ed-Fi Description
Fiancee	Fiancee
Foster parent	Foster parent
Friend	Friend
Grandfather	Grandfather
Grandmother	Grandmother
Great aunt	Great aunt
Great uncle	Great uncle
Great Grandparent	Great Grandparent
Husband	Husband
MothersSignificantOther	MothersSignificantOther
Mother	Mother
Mother, step	Mother, step
MothersCivilPartner	MothersCivilPartner
Nephew	Nephew
Niece	Niece
Other	Other
SignificantOther	SignificantOther
Sister	Sister
Son	Son
Unknown	Unknown
Uncle	Uncle
Ward	Ward
Wife	Wife

Student Program Association

This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students on a regular or systematic basis.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a student has a EL Program Status = EL or Exited EL, and the record overlaps the configured year.
Put	When the student is given an EL Exit Date.
Delete/Post	When part of the record's Natural Key changes.
Delete	When a student's EL record is deleted or when the record no longer overlaps the configured year.
Delete	When the record no longer overlaps the configured year.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
Includes all programs being reported in the Programs resource. Need to update this page to include all programs.
Records will send to the scope year for the school year they are associated with based on the student's enrollment.
Data will only send for the years that have valid configuration.

Object Data Elements

▶ Click here to expand...

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

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path	Database F
id	The unique identifier of the resource.	M		
educationOrganizationReference	A reference to the related EducationOrganization resource. 1. Reports the District State Number.	M		
programReference	A reference to the related Program resource. 1. Reports Program reference.	M		
ProgramReference/educationalOrganizationId	1. Reports Program reference.	M		
ProgramReference/Type	1. Reports Program reference. For EL, "English as a Second Language (ESL)".	M		
ProgramReference/Name	1. Reports Program reference. For EL, "English as a Second Language (ESL)".	M		
studentReference	A reference to the related Student resource. 1. Reports the Student Reference with StudentUniqueId.	M		
services	An unordered collection of studentProgramAssociationServices. Indicates the services being provided to the student by the program.	M		
services/ServiceDescriptor	A globally unique identifier within this descriptor type. 1. Reports a hardcoded codeValue of "LS". 2. Report the Description in the namespace property. See Descriptors section below.	M		

Data Element Label	Business Requirement	M, C or O	Data Source GUI Path	Database F
services/beginDate	The month, day, and year on which the Student first received services. 1. Reports the Identified Date when reporting from EL	M	Student Information> English Learners> Identified Date	lep.identifieddate
services/endDate	The month, day, and year on which the Student exited the Program or stopped receiving services. 1. Report the EL > "Exit Date" when not = Null. 2. When "Exit Date" = Null, do not report.	C	Student Information> English Learners> Exit Date	lep.exitdate
reasonExitedDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. 1. When EL > "Exit Reason" NOT = Null: 1. Report the Ed-Fi Code mapped to the selected value. 2. When EL > "Exit Reason" = Null, do not report this property.	C	Student Information> English Learner > Exit Reason	EarlyLearning.ex
servedOutsideOfRegularSession	Indicates whether the student received services during the summer session or between sessions. This element is optional and does not report.	O		
enrollmentStatus	This element is optional and does not report.	O		

Type/Descriptor

▶ Click here to expand...

This table describes the Ed-Fi Value mapped and reported for **Service Descriptor**:

Ed-Fi Code	Short Description	Description
MS	Medical Services	Medical Services
PT	Physical therapy	Physical therapy
OM	Orientation and Mobility	Orientation and Mobility
OT	Occupational therapy	Occupational therapy
CS	Counseling	Counseling services
PS	Psychological services	Psychological services
RE	Recreation	Recreation services
AU	Audiological Services	Audiological Impairment
EI	Educational Interpreting	Educational Interpreting

Ed-Fi Code	Short Description	Description
LS	Speech/Language Services	Speech/Language Services
OY	Other	Other
PC	Parent Counseling and Training	Parent Counseling and Training
RC	Rehabilitation Counseling	Rehabilitation Counseling
SH	School Health Services	School Health Services
SN	School Nurse	School Nurse
SW	Social Work Services	Social Work Services
TR	Special Transportation	Special Transportation

This table describes the Ed-Fi Value mapped and reported for **Reason Exited Descriptor**:

Ed-Fi Code	Short Description	Description
DO	Dropped out	Dropped out
GC	Graduated with other certificate or diploma	Graduated with other certificate or diploma
GD	Graduated with regular diploma	Graduated with regular diploma
Moved out of state	Moved out of state	Moved out of state
RP	Returned to regular program	Returned to regular program
Other	Other	Other
MA	Reached maximum age	Reached maximum age
MN	Normal Matriculation	Normal Matriculation
Suspended or expelled from school	Suspended or expelled from school	Suspended or expelled from school
TO	Transferred to another district or school	Transferred to another district or school
Unknown reason	Unknown reason	Unknown reason
PE	Parental Exit	Parental Exit
DE	Deceased	Deceased

Student School Association

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

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger

Action	Trigger

Post	When a new enrollment is saved for a student or the State Exclude check box is unchecked.
	• Do not post a record when the State Exclude check box is checked
	• When a student has two enrollments in the same school for 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 records if the Calendar Exclude check box is checked in the calendar the student is enrolled

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 an enrollment is updated for a student.
Put	When a change is made to the Graduation > NCLB Cohort End Year field
Put	When a student is assigned to a Graduation or CTE Program or the start and/or end dates are modified
Delete	When an enrollment is deleted or the State Exclude check boxes are checked • When a student has two enrollments in the same school for the same start date, records will lower priority will not trigger a delete
Delete	When the start date of an enrollment is changed

Scope Year Logic

▶ Click here to expand...

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.

Object Data Elements

▶ Click here to expand...

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

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
graduationPlan Reference	A reference to the related GraduationPlan resource. 1. Report the associated Graduation Plan when a student is assigned to a Graduation Program or Career Tech Program that is eligible to report to Ed-Fi 　　1. Program Start Date must be on or before "today's" date to report 　　2. Program End Date must be null or after "today's date to report 　　　　1. If an end date is added in the current scoped year, delete the reference	O	N/A	Student Information > Academic Planning > Programs
schoolReference	Reports the fields that are part of the Natural Key for the School resource: • schoolReference • studentReference • entryDate	M	N/A	N/A
classOfSchool YearTypeReference	The year the student is expected to graduate. Report only for students with an enrollment in grade 9-12: 1. Populate the year selected in Student Info > General > Graduation > NCLB Cohort End Year. 2. When NCLB Cohort End Year = Null, do not report.	C	Graduation.gradYear	Student Information > General > Graduation
schoolYearType Reference	The school year the student is being reported in. The end year of the calendar year is reported.	O	N/A	N/A
studentReference	Reports the fields that are part of the Natural Key for the Student resource: • studentUniqueId	M	N/A	N/A
entryDate	The month, day, and year on which an individual enters and begins to receive instructional services in a campus.	M	Enrollment.startDate	Student Information > General > Enrollments > Start Date
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	Enrollment.grade	Student Information > General > Enrollments > Grade

Data Element	Description		Campus Database Field	Campus GUI Location
entryGradeLevel ReasonType	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. This is optional and does not report.	O	N/A	N/A
entryTypeDescriptor	An optional globally unique namespace that identifies this descriptor set. If supplied, the author is strongly encouraged to use the Universal Resource Identifier (http, ftp, file, etc.) for the source of the descriptor definition. Best practice is for this source to be the descriptor file itself, so that it can be machine-readable and be fetched in real-time, if necessary. Actual usage of this element for matching descriptors will be system-specific. See the **Entry Type Descriptor** table in the section below for reported Ed-Fi code values.	O	Enrollment. startStatus	Student Information > General > Enrollments > Start Status
repeatGradeIndicator	An indicator of whether the student is enrolling to repeat a grade level, either by failure or an agreement to hold the student back. This is optional and does not report.	O	N/A	N/A
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 and does not report.	O	N/A	N/A
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. NEDM: Exit/Withdraw Date.	O	Enrollment.endDate	Student Information > General > Enrollments > End Date
exitWithdrawType Descriptor	The circumstances under which the student exited from membership in an educational institution. See the **Exit Withdrawal Reason Descriptor** table in the section below for more information on the Ed-Fi code reported.	O	Enrollment.endStatus	Student Information > General > Enrollments > End Status
residencyStatus Descriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. This is optional and does not report.	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
primarySchool	Indicates if a given enrollment record should be considered the primary record for a student. If omitted, the default is true. This element reports a value of True if Service Type = P: Primary.	O	Enrollment.type	Student Information > General > Enrollments > Service Type
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 and does not report.	O	N/A	N/A
educationPlans	An unordered collection of studentSchoolAssociationEducationPlans. This association represents the school in which a student is enrolled. This is optional and does not report.	Array	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Entry Type Descriptor**:

Code in Campus	Name in Campus	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
CP	Court Placed	Other	Other	Other
D	In District Transfer	Transfer	Transfer	Transfer
DP	District Placed	New to education system	New to education system	New to education system
E	Enrolled	Re-entry	Re-entry	Re-entry
FE	Foreign Exchange Student	Other	Other	Other
FTE	Schedule FTE Change	Other	Other	Other
HS	Home School	Other	Other	Other
I	In State Transfer	Transfer	Transfer	Transfer
O	Out of State Transfer	Transfer	Transfer	Transfer
PR	Promoted	Re-entry	Re-entry	Re-entry
RD	Returned	Re-entry	Re-entry	Re-entry
RT	Retained	Other	Other	Other
Z	First Day in District	New to education system	New to education system	New to education system

This table describes the Ed-Fi Value mapped and reported for **Exit Withdrawal Type Descriptor**:

Code in Campus	Name in Campus	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
108	Grad. with WY Reg. Diploma and College Crs Study	108	Graduated with college bound course	Graduated with a Wyoming regular high school diploma with college bound course
124	Grad. with WY Reg. Diploma W/O College Crs Study	124	Graduated without college bound course	Graduated with a Wyoming regular high school diploma without college bound course
132	Completed school and received an other credential	132	Completed school	Completed school and received an "other" credential
140	Dropped out	140	Dropout	Dropout
159	Discontinued Schooling for GED or other ED	159	Enrolled in a GED or other training program	Enrolled in a GED or other training program
167	Expelled or involuntarily withdrawn	167	Expelled	Expelled
175	Reached max age for services	175	Reached maximum age	Reached maximum age
183	Withdrawn due to significant illness	183	Significant Illness	Significant Illness
205	Permanent incapacitation	205	Deceased	Deceased
213	Deceased	213	Deceased	Deceased
248	Enrolled in a foreign exchange program (Return)	248	Enrolled in a foreign exchange program	Enrolled in a foreign exchange program; student expected to return
256	Foreign Exchange student returned to home country	256	Foreign student returned to home country	Foreign student returned to home country following completion of foreign exchange program in the United States
264	Emigrated to another country	264	Emigrated to another country	Emigrated to another country
280	Mid-year change in the same school	280	Mid-year change in the same school to grade level	Mid-year change in the same school to grade level, concurrent enrollment status, or home school status
302	End of concurrent or home school enrollment	302	End of a concurrent or home school enrollment at a school at any time	End of a concurrent or home school enrollment at a school at any time during the year, including end of year
310	Attendance through EOY; grade level advanced	310	Attendance through end-of-year; grade level advanced	Attendance through end-of-year; grade level advanced
329	Attendance through EOY; grade level retained	329	Attendance through end-of-year; retained in grade level	Attendance through end-of-year; retained in grade level
345	In District Transfer - mid year (public)	345	Transferred mid-year to a different public school in the same Wyoming dist	Transferred mid-year to a different public school in the same Wyoming district

Code in Campus	Name in Campus	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
361	Out of District Transfer (public)	361	Transferred to a public school in a different Wyoming district	Transferred to a public school in a different Wyoming district
396	Out of State Transfer (public)	396	Transferred to a public school in a different state	Transferred to a public school in a different state
418	In State Transfer (private)	418	Transferred to a private school in Wyoming	Transferred to a private school in Wyoming
426	Out of State Transfer (private)	426	Transferred to a private school in a different state	Transferred to a private school in a different state
450	Transferred to home schooling	450	Transferred to home schooling as the primary educational setting	Transferred to home schooling as the primary educational setting
469	Transferred to an educational institution	469	Transferred to an institution that has an educational program	Transferred to an institution that has an educational program

Student School Attendance Event

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

Object Triggering Logic

▶ Click here to expand...

Action	Trigger
Post	When a new attendance event is verified for a student and the Attendance Status + Attendance Excuse combination is mapped to an Ed-Fi code. OR When a student has a Positive Attendance record and 'Positive Attendance' is mapped to an Ed-Fi code. • Report attendance for each school in which the student has a Student School Association record. • 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 the student's enrollment is marked as a No Show or State Exclude. • Do not send records if attendance records are associated with a Calendar when the Exclude checkbox is checked. • A record will send for each distinct Date and Attendance Event Category Descriptor.
Put	N/A - only deletes and posts are sent for this Resource. • 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 now allow updates in Ed-Fi.
Delete	Delete attendance record if all attendance is removed for the day for that Attendance Event Category Descriptor.
Delete	When an enrollment is deleted or the No Show or State Exclude check boxes are checked.

Scope Year Logic

▶ Click here to expand...

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.

Object Data Elements

▶ Click here to expand...

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

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource	M	N/A	N/A
schoolReference	Reports the fields that are part of the Natural Key for the Schools resource: • entityID	M	N/A	N/A
sessionReference	Reports the fields that are part of the Natural Key for the Sessions resource: • id • schoolReference • schoolYearTypeReference • termType • name	M	N/A	N/A
studentReference	Reports the fields that are part of the Natural Key for the Student resource: • studentUniqueId	M	N/A	N/A
eventDate	Date for this attendance event.	M	N/A	N/A
attendanceEvent CategoryDescriptor	Reports when a student has a verified attendance status/excuse combination that is mapped to an Ed-Fi code.	M	N/A	N/A
attendanceEventReason	The reported reason for a student's absence. Reports the first 40 characters from the Comments entered in the Attendance being reported for that day 1. If more than 40 characters exist, add "...." to indicate additional text not shown. 2. If there is more than 1 comment entered for that day, report the comment from the last period that contains a comment. 3. If blank, do not report.	O	attendance.comments	
educational EnvironmentType	The educational environment. This element is optional and does not report.	O	N/A	N/A
absenceAmountDescriptor	N/A	O	N/A	N/A
instructionalMinutes	N/A	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource	O	N/A	N/A

Type/Descriptor

▶ Click here to expand...

This table describes the Ed-Fi Value mapped and reported for **Attendance Event Category Type**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Excused Absence	Excused Absence	Excused Absence
Unexcused Absence	Unexcused Absence	Unexcused Absence
Tardy	Tardy	Tardy
Exempt Absence	Exempt Absence	Exempt Absence

Student Section Association

This association indicates the course sections to which a student is assigned.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a student is scheduled into a course section. • A record will send for each term the course occurs based on the section schedule placement and roster start date. • If roster start date is after the term end date, do not report a record for the prior term. • Only send records if the student has a enrollment in the schedule structure where the student is rostered and is not marked as No Show or State Exclude • Do not send records if the Calendar Exclude check box is checked.
Post	Send a new record if a student's roster start date is changed.
Put	When section information is updated for a student or section.
Put	When the course homeroom field is changed.
Put	When the section homeroom field is changed.
Delete	When a student is deleted from a course section.
Delete	Delete any future records if the student is given a roster end date for the course. • Roster End Date must be before Term Start date of future records
Delete	Delete the record if a student's roster start date is changed.

This resource will not push data for Courses marked as Inactive or State Exclude.

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
Reports records in the scope year the course/section's calendar is aligned to.
Data will only send for the years that have valid configuration.

	Logic
	Future Years data will be suppressed until the Active Year is changed: • This allows the Schedule Wizard to be used and reducing the number of records sent until the final schedule is completed. • A resync must be done after the Active Year is changed to send data.

Object Data Elements

▶ Click here to expand...

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

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
sectionReference	Reports the fields that are part of the Natural Key for the Section resource: • id • classPeriodReference • courseOfferingReference • locationReference • schoolReference • sessionReference	M	N/A	N/A
studentReference	Reports the fields that are part of the Natural Key for the Student resource: • studentUniqueId	M	N/A	N/A
beginDate	Month, day and year of the student''s entry or assignment to the section. If blank, default is the start date of the first grading period. Logic reports based on the following: • Report the roster start date for the term record in which the start date occurs ○ For any records in the future terms for that course, use the term start date • If Start Date is NULL, report the earliest term start date associated with the term descriptor selected for this section based on the section schedule placement.	M	Enrollment.startDate Terms.startDate	Student Information > General > Enrollments > Start Date OR System Administration > Calendar > Calendar > Terms
endDate	Month, day, and year of the withdrawal or exit of the student from the section. Logic reports based on the following: 1. Report the roster end date for the student 1. If a roster end date is entered, delete any records for future terms for that section 2. If NULL, report the latest term end date associated with the term descriptor selected for this section based on the section schedule placement.	O	Roster.endDate Terms.endDate	Student Information > General > Schedule > Roster End Date OR System Administration > Calendar > Calendar > Terms

Data Element	Description		Campus Database Field	Campus GUI Location
homeroomIndicator	Indicator that the class is the student's designated homeroom used for daily attendance reporting. This element reports a value of True if the Homeroom checkbox is marked on the section or the course the section is assigned to.	O	Course.homeroom Section.homeroom	Scheduling > Course > Homeroom or Scheduling > Course > Section > Homeroom
repeatIdentifierType	An indication as to whether a student has previously taken a given course. This element is currently not reported or collected.	O	N/A	N/A
teacherStudent DataLinkExclusion	Indicates that the student-section combination is excluded from calculation of value-added or growth attribution calculations used for a particular teacher evaluation. This element is currently not reported or collected.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/A

Student Section Attendance Event

This event entity represents the recording of whether a student is in attendance for a class.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a new attendance event is verified for a student in a course section and the Attendance Status + Attendance Excuse combination is mapped to an Ed-Fi code. • The student must have a Student Section Association record to report • Unknown attendance events will not send an event to ed-fi. The original post will not trigger until an excuseID is entered in the attendance table • Do not send records if the student's enrollment is marked as a No Show or State Exclude • 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 • Do not send records if the course does not have a State Course Code
Put	N/A - only deletes and posts are sent for this Resource. • 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 now 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

Scope Year Logic

▶ Click here to expand...

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

Object Data Elements

▶ Click here to expand...

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

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource	M	N/A	N/A
sectionReference	Reports the fields that are part of the Natural Key for the Section resource	M	N/A	N/A
studentReference	Reports the fields that are part of the Natural Key for the Student resource	M	N/A	N/A
eventDate	Date for this attendance event.	M	N/A	N/A
attendanceEvent CategoryDescriptor	Key for AttendanceEventCategoryType. Reports when a student has a verified attendance status/excuse combination that is mapped to an Ed-Fi code. Reports when a student is given a positive attendance record for the course section and it is mapped to an Ed-Fi Code.	M	N/A	N/A
attendanceEventReason	The reported reason for a student's absence. Reports the first 40 characters from the Comments entered in the Attendance being reported for that day. 1. If more than 40 characters exist, add "...." to indicate additional text not shown. 2. If there is more than 1 comment entered for that day, report the comment from the last period that contains a comment. 3. If blank, do not report.	O	attendance.comments	
educationalEnvironmentType	Key for EducationalEnvironment This element is optional and does not report.	O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource This element is optional and does not report.	O	N/A	N/A

Type/Descriptor

▸ Click here to expand...

This table describes the Ed-Fi Value mapped and reported for **Attendance Event Category Type**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Excused Absence	Excused Absence	Excused Absence
Unexcused Absence	Unexcused Absence	Unexcused Absence
Tardy	Tardy	Tardy
Exempt Absence	Exempt Absence	Exempt Absence

Student

Provide a summary of what the report/function will cover and the logistics around the data collection or reporting.

The Student Resource is a shared record among all districts. If two districts have the same student in the same year, the last district to trigger data to Ed-Fi is the data stored in Ed-Fi.

For example, if one district put in a first name of "Robert" and the second district put in a first name of "Rob", the last district to update the student record is what will appear in Ed-Fi and on both District's reports. This is true for all field logic in the Student Resource.

Object Triggering Logic

▸ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When an enrollment is created and saved for a person. • Do not send a student record for an enrollment that is marked as State Exclude. • Do not send a record if enrollment is in a calendar marked as State Exclude.
Put	When any student data is edited for the person in the Data Elements fields below. • When the person's identity record is changed. • When one of the person's household locations is changed. • When one of the person's household memberships is changed. • When the person's FRAM Eligibility is changed • When a student's IEP is locked or unlocked and/or a student's disability is changed • When a student's contact information is changed: email, phone number • When a student's LEP information is changed
Delete	Student records are never deleted because Student records are a shared resource among all districts.

Scope Year Logic

▸ Click here to expand...

This table describes scope year logic of this object.

Logic
A record will report when an enrollment is created and saved that is aligned to a scoped year. • The enrollment must overlap with the scope year to report
Data will only send for the years that have valid configuration.

Logic

When using data in Campus that has an effective date, the following logic will be applied to determine the scope year(s) to report the data to.
- Current Year: Records will be compared to today's date to determine if the record is eligible to report.
- Previous Years: The record's date must be on or before the schools year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used.
- Future Years: The record's date must be on or after the schools year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used.

When using data in Campus that have start and end dates, the following logic will be applied to determine the scope year(s) to report the data to.
- Current Year: The records start date must be on or before today's date and the records end date must be on or after today's date.
- Previous Years: The record's start date must be on or before the school year's end date and the record's end date must be after the school year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used.
- Future Years: The record's start date must be on or before the schools year's start date and the record's end date must be on or after the school year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used.

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Student resource.

Data Element	Description		Campus Database Field	Camp Locati
id	The unique identifier of the resource.	M	N/A	N/A
studentUniqueId	A unique alpha-numeric code assigned to a student. This element reports the Ed-Fi ID of the student.	M	Derson.edFiId	Censu >Dem > EdFi
personalTitlePrefix	A prefix used to denote the title, degree, position or seniority of the person. This element is currently not reported or collected.	C	N/A	N/A
firstName	The reporting student's first name. This is reported from the person's most recent identity record. If Legal First and Last name fields are blank, the First Name reports.	M	Identity.legalFirstName Identity.firstName	Censu People Identi Protec Identi Inform Legal I Name Censu People Identi First N
middleName	The reporting student's middle name. This is reported from the person's most recent identity record. If Legal First Name and Legal Last Name are populated and Middle Name is blank, a blank value reports. If all legal name fields are blank, value reports from the Middle Name field.	O	Identity.legalMiddleName Identity.middleName	Censu People Identi Protec Identi Inform Legal I Name Censu People Identi Middle

Data Element	Description		Campus Database Field	Camp Locati
lastSurname	The reporting student's last name. This is reported from the person's most recent identity record. Reports first from the Legal Last Name field. If Legal First and Last name fields are blank, value reports from the Last Name field.	M	Identity.legalLastName Identity.lastName	Censu: People Identit Protec Identit Inform Legal I Name Censu: People Identit Name
generation CodeSuffix	An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III). This is reported from the person's most recent identity record. Reports first from the Legal Suffix field. If Legal First Name and Legal Last Name are populated and Legal Suffix is blank, a blank value reports. If Legal First and Last name fields are blank, value reports from the Suffix field, if populated.	C	Identity.legalSuffix Identity.suffix	Censu: People Identit Protec Identit Inform Legal S Censu: People Identit Suffix
maidenName	The person's maiden name, if applicable. This element is currently not reported or collected.	O	N/A	N/A
sexType	The person's gender. This is reported from the person's most recent identity record. Reports the Legal Gender from the student's current identity record. If Legal Gender is not populated, the value reports from the student's Gender from the current Identity record. Reports the following based on the value selected in the Gender or Legal Gender field: • Female • Male • Not Selected (Gender not populated)	M	Identity.legalGender Identity.gender	Censu: People Identit Protec Identit Gende Censu People Identit Gende
birthDate	The month, day, and year on which an individual was born. The Birth Date from the student's currently Identity record is reported.	M	Identity.birthDate	Censu: People Identit Birth D
cityOfBirth	The set of elements that capture relevant data regarding a person's birth, including birth date and place of birth. This element is currently not reported or collected.	O	N/A	N/A
birthState AbbreviationType	The abbreviation for the name of the state (within the United States) or extra-state jurisdiction in which an individual was born. Logic determines the Birth State from the student's current identity record. • If blank, look for default value to report • Report the Code selected ◦ If the Code does not equal an Ed-Fi Code or the Birth State field is blank with no default value, a null value is reported.	C	Identity.birthState	Censu: People Identit Birth S

Data Element	Description		Campus Database Field	Camp Locati
birthCountry CodeType	The name of the country in which an individual was born. This element is optional and is not reported.	C	Identity.birthCountry	Censu People Identit Birth C
dateEnteredUS	For students born outside of the US, the date the student entered the US. This element reports the value entered in the Date Entered US field.	C	Identity. dateEnteredUS	Censu People Identit Date E US
multipleBirthStatus	Indicator of whether the student was born with other siblings (i.e., twins, triplets, etc.) This element is currently not reported or collected.	O	N/A	N/A
profileThumbnail	File name for the ProfileThumbnail photograph. This element is currently not reported or collected.	O	N/A	N/A
hispanicLatino Ethnicity	An indication that the individual traces his or her origin or descent to Mexico, Puerto Rico, Cuba, Central and South America, and other Spanish cultures, regardless of race. This element reports based on the value in the Is the individual Hispanic/Latino? field on the student's identity record. Report "Is the individual Hispanic/Latino?" from the student's current identity: 1. If droplist is = Yes, report "true" 2. If droplist is = No, report "false"	M	Identity. hispanicEthnicity	Censu People Identit the ind Hispar
oldEthnicityType	No longer reports data.	O	N/A	N/A

economic Disadvantaged	An indication of inadequate financial condition of an individual''s family, as determined by family income, number of family members/dependents, participation in public assistance programs, and/or other characteristics considered relevant by federal, state, and local policy. NEDM Economic Disadvantaged Status.
	1. Determine the student's SES or Meal eligibility status based on:
	    1. See Business Rule S3 in Scope Year logic to determine the Scope Year to post or update.
	    2. Eligibility Type must = SES or Meal
	2. Report 'true' if eligibility is = Free or Reduced
	3. Report 'false' if eligibility is = Paid, Non-reimbursable or NULL
		O	PosEligibility.eligibility	FRAM Eligibil Eligibil

Data Element	Description		Campus Database Field	Campus Location

schoolFoodServices EligibilityDescriptor	This descriptor defines indications of a student's level of eligibility for breakfast, lunch, snack, supper and milk programs.
	1. When 'Provision' = Null in the latest School History record with an Effective Date <= Current Date, report based on the student's FRAM record (req 3).
	2. When calendar Start Year >= Provision Base Year, AND calendar End Year <= Provision End Year on the School History record selected (most recent record that is <= Current Date :
	   1. (Use the School History Record associated with the student's enrollment with the most recent Start Date that is <= Current Date)
	      1. Prioritize reporting from schools based on the enrollments in the following order:
	         1. P: Primary
	         2. S: Partial
	         3. N: Special Ed Services
	   2. When 'National School Lunch Program (NSLP)' = NOT Checked, report X for all students in the school.
	   3. When 'National School Lunch Program (NSLP)' = Checked, AND 'Provision' = 2 or 3 AND (Provision Type>NSLP) = Checked, report S for all students in the school.
	   4. When 'National School Lunch Program (NSLP)' = Checked, AND 'Provision' NOT = 2 or 3, report based on the student's FRAM record (req 3).
	3. Else, report the Ed-Fi Code value mapped to the State Code from the student's most recent FRAM Eligibility record
	   1. If the End Date is before today's date, do not use the record
	   2. If the End Date is on-or-after today's date, use the record.
	   3. See Scope Logic rule S3.
	4. Else, report N.
		C	PosEligibility.eligibility	FRAM Eligibil Eligibil Systen Admin > Reso School History Progra

Data Element	Description		Campus Database Field	Campus Locati

limitedEnglish ProficiencyDescriptor	An optional globally unique namespace that identifies this descriptor set. If supplied, the author is strongly encouraged to use the Universal Resource Identifier (http, ftp, file, etc.) for the source of the descriptor definition. Best practice is for this source to be the descriptor file itself, so that it can be machine-readable and be fetched in real-time, if necessary. Actual usage of this element for matching descriptors will be system-specific.
	1. Report "Y" when:
	  1. Student has an LEP record with the following:
	    1. Identified Date <= Current Date.
	    2. Program Exit Date = Null or > Current Date.
	    3. Parent Declined NOT = Checked
	  2. Report "R" when:
	    1. Student has an LEP record with the following:
	      1. Identified Date <= Current Date.
	      2. Program Exit Date = Null or > Current Date.
	      3. Parent Declined = Checked
	  3. Report "1" when:
	    1. Student's LEP record with the most recent Identified Date has the following:
	      1. Identified Date <= Current Date.
	      2. Program Exit Date NOT = Null and < Current Date.
	      3. Current Date <= First Year Monitoring Date
	  4. Report "2" when:Student's LEP record with the most recent Identified Date has the following:
	    1. Identified Date <= Current Date.
	    2. Program Exit Date NOT = Null and < Current Date.
	    3. Current Date <= Second Year Monitoring Date
	  5. Report "3" when:
	    1. Student's LEP record with the most recent Identified Date has the following:
	      1. Identified Date <= Current Date.
	      2. Program Exit Date NOT = Null and < Current Date.
	      3. Current Date > Second Year Monitoring Date and <= Third Year Monitoring Date
	  6. Report "4" when:
	    1. Student's LEP record with the most recent Identified Date has the following:
	      1. Identified Date <= Current Date.
	      2. Program Exit Date NOT = Null and < Current Date.
	      3. Current Date > Third Year Monitoring Date and <= Fourth Year Monitoring Date
	  7. Use the logic in S2 of Scope Year Logic to determine prior or future years logic.
	2. Otherwise, report "N".
		O	N/A	N/A

displacementStatus	Indicates a state health or weather related event that displaces a group of students, and may require additional funding, educational, or social services. This element is currently not reported or collected.	O	N/A	N/A

Data Element	Description			Campus Database Field	Camp Locati
loginId	The login ID for the user; used for security access control interface. This element is currently not reported or collected.		O	N/A	N/A
internationalProvince OfBirth	For students born outside of the US, the Province or jurisdiction in which an individual is born. This element is currently not reported or collected.		O	N/A	N/A
citizenshipStatus Type	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. This element is currently not reported or collected.		O	N/A	N/A
learningStyle	This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. A student is a person who has been enrolled in a school or other educational institution. This element is currently not reported or collected.		O	N/A	N/A
addresses	Reports the student's address(es). Logic reports the most current Primary address that is marked as "Mailing". • If more than 1 Primary Address marked as Mailing, report address with most recent Household Membership Start Date • Else, report the address with most recent Address Start Date • If the Address Location Detail or Household Membership is marked as "Private" the address will not report This element is an array that reports the following data:		O	HouseholdLocation. mailing HouseholdMember. startDate Householdlocation. startDate	House Addres Mailing House Memb Start D House Addres Start D
	addressType	All addresses will report as 'Home'. This will report the Ed-Fi mapped value in the **Address Type** table in the section below.	M	N/A	N/A
	streetNumberName	The street number and street name or post office box number of an address. Reports the Address PO Box + Number + Street + Tag + Prefix + Dir	M	Address.postOfficeBox Address.number Address.street Address.tag Address.prefix Address.dir	House Addres
	apartmentRoomSuiteNumber	The apartment, room, or suite number of an address.	O	Address.apt	House Addres Apt
	buildingSiteNumber	The number of the building on the site, if more than one building shares the same address. This field is optional and does not report.	O	N/A	N/A

Data Element	Description		Campus Database Field	Camp Locati
city	The name of the city in which an address is located.	M	Address.city	House Addres City
stateAbbreviationType	The abbreviation for the state (within the United States) or outlying area in which an address is located.	M	Address.state	House Addres State
postalCode	The five or nine digit zip code portion of an address.	M	SAddress.zip	House Addres Zip
nameOfCounty	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located. This field is optional and does not report.	O	N/A	N/A
countyFIPSCode	5 digit code consisting of the two digit state code followed by the three digit FIPS code for the county This field is optional and does not report.	O	N/A	N/A
latitude	The geographic latitude of the physical address This field is optional and does not report.	O	N/A	N/A
longitude	The geographic longitude of the physical address. This field is optional and does not report.	O	N/A	N/A
beginDate	The first date the address is valid. For physical addresses, the date the person moved to that address. This field is optional and does not report.	O	N/A	N/A

Data Element	Description			Campus Database Field	Camp Locati
	endDate	The last date the address is valid. For physical addresses, this would be the date the person moved from that address. This field is optional and does not report.	O	N/A	N/A

characteristics	Reflects important characteristics of the student's home situation: Immigrant, Migrant, Single Parent, and Unaccompanied Youth.
	  1. Report the Ed-Fi Code Value from the Student Characteristic page linked below under Type/Descriptors WY based on the mapping provided for each characteristic the student meets
	  2. If the student has more than one enrollment, report from the Primary Enrollment.
	    1. If the student does not have a Primary enrollment, then report from the enrollments with Service Types in the the following order:
	      1. S: Partial
	      2. N: Special Education
	    2. If the student has multiple enrollments with the same service type, report from most recent enrollment id
	  3. If a mapping is not found, do not report
			M	Enrollment.immigrant Enrollment.migrant Enrollment.singleParent Enrollment. mvUnaccompaniedYouth	Studer Inform Genera Enrollr State F Field

cohortYears	An unordered collection of studentCohortYears. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. This element is optional and does not report.		O	N/A	N/A

disabilities	The disability condition(s) that best describes an individual's impairment.
	  1. Report the Ed-Fi Code Value from the Disability Descriptor page linked below under Type/Descriptors WY based on the Ed-Fi code value for each disability the student meets.
	  2. If the student has more than one enrollment, report from the Primary Enrollment.
	    1. If the student does not have a Primary enrollment, then report from the enrollments with Service Types in the the following order:
	      1. S: Partial
	      2. N: Special Education
	  3. If the student has multiple enrollments with the same service type, report from earliest enrollment ID
			O	Enrollment.disability1 Enrollment.disability2 Enrollment.disability3	Studer Inform Genera Enrollr Specia Fields

Data Element	Description			Campus Database Field	Camp Locati
electronicMails	An unordered collection of studentElectronicMails. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. 　1. Reports the email address entered for that person 　　1. Do not report if Email is marked as "Private" 　2. If blank, does not report		O	N/A	N/A
identificationCodes	An unordered collection of studentIdentificationCodes. This element reports the Local Student Number, if populated. This element is an array that reports the following data:		O	Person. studentNumber	Censu: People Demog > Loca Numbe
	studentIdentificationSystemType	Reports the short description from the **Student Identification Code** mapping listed in the table and section below.	M	N/A	N/A
	Assigning Organization Identification Code	The organization code or name assigning the assessment identification code.	O	N/A	N/A
	Identification Code	A unique number or alphanumeric code assigned to a student by a school, school system, a state, or other agency or entity.	M	Person. studentNumber	Censu: People Demog > Loca Numbe
identification Documents	An unordered collection of studentIdentificationDocuments. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. A student is a person who has been enrolled in a school or other educational institution. This element is currently not reported or collected.		O	N/A	N/A
indicators	An unordered collection of studentIndicators. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. A student is a person who has been enrolled in a school or other educational institution. This element is currently not reported or collected.		O	N/A	N/A

Data Element	Description			Campus Database Field	Camp Locati
international Addresses	An unordered collection of studentInternationalAddresses. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. A student is a person who has been enrolled in a school or other educational institution. This element is currently not reported or collected.		O	N/A	N/A
languages	An unordered collection of studentLanguages. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. Report the Code from the Home Primary Language saved on the student's current identity record. 1. If blank, do not report this field 2. If the code does not match an Ed-Fi code, do not report a record 3. Report default value if saved on the Attribute and the code matches an Ed-Fi code This element is an array that reports the following data:		O	Identity. homePrimaryLanguage	Census People Demog > Hom Primar Langu
	languageDescriptor	An unordered collection of studentLanguageUses. Language(s) the individual uses to communicate. This reports the Ed-Fi mapped value in the **Language Type** table in the section below.	M	Identity. nativeLanguage	Census People Identit Native Langu
	uses	An unordered collection of studentLanguageUses. Language(s) the individual uses to communicate. This element is not collected or reported.	O	N/A	N/A
otherNames	An unordered collection of studentOtherNames. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. A student is a person who has been enrolled in a school or other educational institution. This element reports the student's name from a previous Identity record. This element is an array that reports the following data:		O	N/A	Census People Identit
	otherNameType	This reports the Other Name Type Ed-Fi value mapped in the **Other Name Type** table in the section below.	M	N/A	N/A

Data Element	Description			Campus Database Field	Campus Location
	personalTitlePrefix	A prefix used to denote the title, degree, position or seniority of the person. This element is not collected or reported.	C	N/A	N/A
	firstName	A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change.	M	Identity.firstName	Census People Identit First N
	middleName	A secondary name given to an individual at birth, baptism, or during another naming ceremony.	C	Identity.middleName	Census People Identit Middle
	lastSurname	The name borne in common by members of a family.	M	Identity.lastName	Censu: People Identit Name
	generationCodeSuffix	An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III).	C	Identity.suffix	Censu: People Identit Suffix
programParticipations	An unordered collection of studentProgramParticipations. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. A student is a person who has been enrolled in a school or other educational institution. This element is currently not reported or collected.		O	N/A	N/A
races	An unordered collection of studentRaces. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. A student is a person who has been enrolled in a school or other educational institution. Logic reports based on the following: • Determine the Race/Ethnicity(s) that are checked on the student's current identity record. ◦ Use the Identity Race Ethnicity table to determine all of the check boxes checked for the students current identity id. • Do not report if the person does not have a Race/Ethnicity checked. This element is an array that reports the following data:		O	IdentityRaceEthnicity and Racethnicity.raceId	Censu: People Identit Race/E

Data Element	Description			Campus Database Field	Camp Locati
	raceType	The general racial category which most clearly reflects the individual's recognition of his or her community or with which the individual most identifies. This reports the Ed-Fi value mapped in the **Race Type** table in the section below.	M	IdentityRaceEthnicity and Racethnicity.raceId	Censu: People Identit Race/E
telephones	An unordered collection of studentTelephones. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. 1. Reports the Phone numbers entered inthe Personal Contact Information for that person 1. do not report Phone Number is marked as "Private" 2. If blank, does not report 3. See Business Rule S3 in Scope Year logic to determine the eligibility of records 4. See Array section for data logic for each field		O	N/A	N/A
visas	An unordered collection of studentVisas. This entity represents an individual for whom instruction, services and/or care are provided in an early childhood, elementary or secondary educational program under the jurisdiction of a school, education agency or other institution or program. This element is currently not reported or collected.		O	N/A	N/A
etag	A unique system-generated value that identifies the version of the resource.		O	N/A	N/A

Type/Descriptor

▸ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **School Food Services Eligibility Type:**

Reporting Logic	Code in Campus	Ed-Fi Short Description	Ed-Fi Description
Reports when the student has an active Eligibility with a State Eligibility Code = F: Eligible for Free Lunch	F	Free	Free
Reports when the student has an active Eligibility with a State Eligibility Code = P: Paid OR When a student does not have an active Eligibility record	N	Full price	Full price
Reports when the student has an active Eligibility with a State Eligibility Code = R: Reduced	R	Reduced price	Reduced price
Non-reimbursable - does not report			

This table describes the Ed-Fi Value mapped and reported for **Limited English Proficiency Descriptor**:

Reporting Logic	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description

Report "Y" when:
1. Student has an LEP record with the following:
    1. Identified Date <= Current Date.
    2. Program Exit Date = Null or > Current Date.
    3. Parent Declined NOT = Checked
	Y	Limited	Limited

Report "R" when:
1. Student has an LEP record with the following:
    1. Identified Date <= Current Date.
    2. Program Exit Date = Null or > Current Date.
    3. Parent Declined = Checked
	R	Refusal	Refusal

Report "1" when:
1. Student's LEP record with the most recent Identified Date has the following:
    1. Identified Date <= Current Date.
    2. Program Exit Date NOT = Null and < Current Date.
    3. Current Date <= First Year Monitoring Date
	1	Limited Monitored 1	Limited Monitored 1

Report "2" when:Student's LEP record with the most recent Identified Date has the following: 1. Identified Date <= Current Date. 2. Program Exit Date NOT = Null and < Current Date. 3. Current Date <= Second Year Monitoring Date	2	Limited Monitored 2	Limited Monitored 2
Otherwise, report "N"	N	Not Limited	Not Limited

This table describes the Ed-Fi Value mapped and reported for **Student Characteristic Descriptors**:

Characteristic	Logic	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Immigrant	If student is marked Immigrant = Checked, add Immigrant to the array Otherwise do not report *Student Information > General > Enrollment > Immigrant*	Immigrant	Immigrant	Immigrant
Migrant	If student is marked Migrant Indicator = Checked, add Migrant to the array Otherwise do not report *Student Information > General > Enrollment > Migrant*	Migrant	Migrant	Migrant
Single Parent	If student is marked Single Parent = Checked, add Single Parent to the array Otherwise do not report *Student Information > General > Enrollment > Single Parent*	Single Parent	Single Parent	Single Parent
Unaccompanied Youth	If student is marked Unaccompanied Youth = Checked, add Unaccompanied Youth to the array Otherwise do not report *Student Information > General > Enrollment > Unaccompanied Youth*	Unaccompanied Youth	Unaccompanied Youth	Unaccompanied Youth

This table describes the Ed-Fi Value mapped and reported for **Disability Descriptors**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
AT	Autism	Autism
DB	Deaf-Blindness	Deaf-Blindness
HI	Hearing Impairment	Hearing Impairment
DD	Developmental Delay	Developmental Delay
LD	Specific Learning Disability	Specific Learning Disability
HL	Other Health Impairment	Other Health Impairment
OI	Orthopedic Impairment	Orthopedic Impairment
SL	Speech or Language Impairment	Speech or Language Impairment
BI	Traumatic Brain Injury	Traumatic Brain Injury
VI	Visual Impairment	Visual Impairment
CD	Cognitive Disability	Cognitive Disability
ED	Serious Emotional Disability	Serious Emotional Disability
MU	Multiple Disabilities	Multiple Disabilities

Student Special Education Program Association

This resource reports the Special Education data for a student.

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger

Post	1. When a locked "WY" IEP (Print format must start with "WY") is created in the year, where:
	    1. IEP Start Date <= Effective Date and student's enrollment End Date, AND IEP End Date >= student's enrollment Start Date in the Calendar
	    (the IEP must overlap the enrollment)
	
	AND WHEN:
	1. Student Information > General > Enrollments > Special Ed Fields>Service Start Date = NOT Null for the enrollment with the eligible IEP active within its date range.
	
	If the student has multiple enrollments that are overlapping in the same school, report based on primacy of Service Type:
	1. P: Primary
	2. S: Partial
	3. N: Special Ed
	
	• If the student only has one enrollment, report a record regardless of Service Type
	• Do not send a student record for an enrollment that is marked as State Exclude or No Show
	• Do not send a record if enrollment is in a calendar marked as Exclude
	• Do not send a record if enrollment is in a school marked as Exclude

Post	When a new enrollment is created for a student that has an active, locked "WY" IEP (Print format must start with "WY") • Enrollment start date must be on or after IEP start date • IEP end date must be NULL or after Enrollment start date
Delete/Post	When any part of the natural key is changed. • When a SPED Entry Date is changed

Action	Trigger
Delete/Post	When any field that is not part of the natural key is changed, including the following: • endDate • serviceDescriptor • serviceBeginDate • serviceEndDate
Delete	The locked "WY" IEP is deleted or unlocked for a student
Delete	A Sped Entry Date is changed for a student
Delete	All overlapping enrollments are deleted for a school
Delete	Student Information > General > Enrollments > Special Ed Fields > Service Start Date in the enrollment that has an active IEP in its date range is set to Null

Scope Year Logic

▶ Click here to expand...

This table describes scope year logic of this object.

Logic
When a new, locked "WY" print format IEP is created, the record will post to the school years that the overlapping enrollments are in.
When the record is triggered from enrollments, the record posts to the school years that the overlapping enrollments are in
Data will only send for the years that have valid configuration

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Student Special Education Program Association resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
studentReference	A unique alpha-numeric code assigned to a student	M	studentReference. studentUniqueId	Census > People > Demographics > EdFi ID
programReference	A reference to the related Student resource.	M	N/A	N/A
beginDate	The month, day, and year on which the Student first received services. Logic will report the date in Student Information > General > Enrollments > Special Ed Fields > Service Start Date from the most recent (latest Start Date) Primary enrollment with enrollment Start Date <= Effective Date.	M	N/A	Student Information > General > Enrollments > Special Ed Fields > Service Start Date
educationOrganization Reference	The education organization where the student is participating in or receiving the program services.	M	District.number	System Administration > Resources > District Information > State District Number

Data Element	Description		Campus Database Field	Campus GUI Location
endDate	The month, day, and year on which the student exited the program or stopped receiving services. 1. Report the date in Student Info> General> Enrollments> Special Ed Fields> Program Exit Date from the Primary enrollment when Program Exit Date = NOT Null, AND <= the Effective Date, AND falls within the calendar year associated with the enrollment. 2. When Exit Date = Null OR > the Effective Date, do not report.	C	N/A	Student Information > General > Enrollment > Special Ed > Exit Date
specialEducation SettingDescriptor	Reports the Special Education setting for the student. 1. Report the Ed-Fi code for the value selected in Student Info> General> Enrollments> Special Ed Fields> Special Ed Setting from the most recent (latest Start Date) Primary enrollment with enrollment Start Date <= Effective Date. 2. When Special Ed Setting = Null, do not report.	O	N/A	N/A
services	An unordered collection of studentProgramAssociationServices. This association represents the Special Education program(s) that a student participates in or receives services from.	O	N/A	N/A
	serviceDescriptor	Report the Ed-Fi code from the locked "WY" IEP in the year> SPED Services> Service selection, AND also from the locked "WY" IEP in the year> Related Services > Service selection When Ed-Fi code = Null, or when no Service/Related Service exists, do not report. Report only those services belonging to an IEP with Start Date <= the effective date.	M	N/A	Student Information > Special Ed > SPED Services > Service Student Information > Special Ed > Related Services > Service
	primaryIndicator	This is optional and does not report	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
	serviceBeginDate	Report the Start Date value of the service being reported	O	N/A	Student Information > Special Ed > SPED Services > Start Date

Student Information > Special Ed > Related Services > Start Date |
| | serviceEndDate | Report the End Date value of the service being reported | O | N/A | Student Information > Special Ed > SPED Services > End Date

Student Information > Special Ed > Related Services > End Date |

Type/Descriptor

▸ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Special Education Setting Descriptor**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
SC	Inside regular class less than 40% of the day	Inside regular class less than 40% of the day
RR	Inside regular class no more than 79% of dy and no less than 40% of the day	Inside regular class no more than 79% of dy and no less than 40% of the day
PP	Parentally-placed in Private Schools	Parentally-placed in Private Schools
RE	Inside regular class 80% or more of the day	Inside regular class 80% or more of the day
HH	Homebound/Hospital	Homebound/Hospital
PH	Homeschool	Homeschool
CF	Correctional Facility	Correctional Facility
RF	Residential Facility	Residential Facility
SS	Separate School	Separate School
CP	Court Placed	Court Placed

Student Title 1 Part A Program Association

This resource represents the Title I Part A program(s) that a student participates in or from which the student receives services

Object Triggering Logic

▶ Click here to expand...

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a student has Title 1 = Checked on any enrollment
	Only report a single record per school, per student, per enrollment Start Date
	If the student has > 1 enrollment, where Title 1 checkbox = Checked, and the start date is the same, report based on the following hierarchy: 1. Primary 2. Partial 3. Special Ed
	If there are multiple enrollments that qualify, with the same Service Type and enrollment Start Date, report the highest enrollmentID
	Do not report if the student's Enrollment has any of the following indicated: • No Show • Enrollment state exclude • Calendar exclude • School exclude
Post	If the service type is being changed for the enrollment record being reported in this resource, report a new record for the new properly reported enrollment, if previously not the reporting enrollment.
Post	When any field part of the natural key is updated
Put	Update the record if any other fields in this resource are changed that are not part of the natural key
Delete	If the service type is being changed for the enrollment record being reported in this resource, delete the record if the enrollment is no longer the reported enrollment.
Delete	When any field part of the natural key is updated
Delete	When any enrollment record that previously had the Title 1 checkbox selected & saved, and the enrollment record is subsequently deleted, delete the record.

Scope Year Logic

▶ Click here to expand...

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

Object Data Elements

▶ Click here to expand...

This table describes data elements sent within the Student Title 1 Part A Program Association resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
studentReference	A unique alpha-numeric code assigned to a student.	M	StudentReference. studentUniqueId	Census > People > Demographics > EdFi ID

Data Element	Description		Campus Database Field	Campus GUI Location
programReference	A reference to the related Student resource.	M	N/A	N/A
beginDate	The month, day, and year on which the student first received services	M	N/A	Student Information > General > Enrollments > Start Date
educationOrganization Reference	The education organization where the student is participating in or receiving the program services.	M	District.number	System Administration > Resources > District Information > State District Number
endDate	The month, day, and year on which the student exited the program or stopped receiving services.	M	N/A	Student Information > General > Enrollments > End Date
reasonExitedDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. This element is optional and does not report.	O	N/A	N/A
servedOutsideOfRegularSession	Indicates whether the student received services during the summer session or between sessions. This element is optional and does not report.	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location

titleIPartAParticipantType	An indication of the type of Title I program, if any, in which the student is participating and served:
	• Was not served
	• Public Targeted Assistance Program
	• Public Schoolwide Program
	• Local Neglected Program
	
	Logic will report as follows:
	1. Report the Ed-Fi code mapped to the selection in the schoolaAttribute.title1 field for all students in the school when:
	  1. The latest (most recent Effective Date) School History record with an Effective Date <= the extract Effective Date, has schoolAttribute.title1 =
	    1. Targeted Assistance Eligible - No Program
	    2. Schoolwide Eligible - No Program
	    3. schoolAttribute.title1 = Schoolwide Program OR
	    4. Not a Title I School
	2. Report based on the enrollment Title 1 field when:
	3. schoolAttribute.title1 =
	    1. Targeted Assistance Program
	    2. Schoolwide Eligible - Targeted Assistance OR
	    3. is Null
	4. Title 1 from enrollment:
	    1. When student in the enrollment in the calendar year selected has:
	    2. Enrollment.title1 = Checked, reports "Local Neglected Program".
	    3. Enrollment.title1 = NOT Checked, reports "Was not served".
		M	N/A	System Administration > Resources > School > Title 1

Type/Descriptor

▸ Click here to expand...

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported Title I Part A Participant Type:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Public Targeted Assistance Program	Public Targeted Assistance Program	Public Targeted Assistance Program
Public Schoolwide Program	Public Schoolwide Program	Public Schoolwide Program
Local Neglected Program	Local Neglected Program	Local Neglected Program
Was not served	Was not served	Was not served

Additional Logic and Considerations

The following describes additional logic and considerations to be aware of when working with Ed-Fi.

Attendance	Only attendance that is "verified" will send to Ed-Fi. Unknown records marked by a teacher will not send. Negative attendance will send when it is given an excuse code.
No Show/Excludes	If the State Exclude or No Show buttons are marked or unmarked on an enrollment the record, they will be deleted/added from Ed-Fi.
Required Fields	The Room number on the Section editor will become required once Ed-Fi is enabled. This data is required for the section data to send to Ed-Fi. Do a check on all course sections prior to doing a resynch on the Schedule Data to verify all sections have a Room number.