

Ed-Fi v2.0 - Core Ed-Fi Data [.2231 - .2327]

Last Modified on 05/14/2025 10:02 am CDT

Tool Search: Ed-Fi Configuration

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

- - Data in schools and 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.

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:

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- [Student Title I 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.

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 with a Room Number and Section Placement. <ul style="list-style-type: none"> Room is required Section Placement must be selected for the Term Type in order for data to send If course is marked Inactive or State Exclude, data is not sent
Put	When Course information is changed and saved.
Delete	When a section is deleted.
Delete	When a section schedule placement is removed and saved.

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. 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.

Data Element Labels in bold are part of the Natural Key and are required data elements for data to send to Ed-Fi.

This column will indicate if the element is Mandatory, Optional or Conditional.

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 : <ul style="list-style-type: none"> educationOrganizationReference code 	M	N/A	N/A
schoolReference	Reports the following elements that are part of the Natural Key for the Schools resource : <ul style="list-style-type: none"> schoolId 	M	N/A	N/A
sessionReference	Reports the following elements that are part of the Natural Key for the Sessions resource : <ul style="list-style-type: none"> id schoolReference schoolYearTypeReference 	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

Image 2: Example of a Object Data Elements Table

Understand Type/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.

Type/Description			
Expand			
This table describes the Ed-Fi Value mapped and reported for Session Type Descriptor :			
Number of Terms in Term Schedule	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
1	FS	Full School Year	Full School Year
2	SE	Semester	Semester
3	TR	Trimester	Trimester
4	QR	Quarter	Quarter
5	QN	Quinmester	Quinmester
Any other number of terms not = to one above	XX	Other	Other

Each Type/Descriptor table indicates the mapping used to translate a Campus value to the appropriate Ed-Fi value.

Elements which require a Type/Descriptor table to explain this translation will indicate this need in the description.

Session Type Descriptor	This element reports the Ed-Fi Code value based on the mapping provided in the Session Type Descriptor mapping provided below:	O		
	<ul style="list-style-type: none"> Report the corresponding Term Type based on the sum of total terms in the term schedule. For example, if 4 terms are created in a Term schedule, a value of Quarter is reported. 			
	This element reports the following additional information:			
id	The unique identifier of the resource	N/A	N/A	

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 checkbox is checked. <ul style="list-style-type: none"> 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 has events that are not the same, all events will report. If the same day in different calendar/schedule structures has 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 checkbox is unchecked or a Day Event is deleted and saved. <ul style="list-style-type: none"> When removing a day event there must only be one day event reported to send a delete. If there is more than one, it updates the day, not deletes.

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 to which the calendar is aligned.
Data will only send for the years that have a valid configuration.
<p>Future Years data will be suppressed until the Active Year is changed:</p> <ul style="list-style-type: none"> This allows the Schedule Wizard to be used and reduces 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	N/A	N/A
schoolReference	<p>Reports data from the SchoolID field that is part of the natural key for the Schools resource. The following elements are reported:</p> <ul style="list-style-type: none"> schoolID 	M	School.entityID	System Administration > Resources > School > Entity ID
date	Month, day, and year of the date being reported.	M	Day.date	System Administration > Calendar > Calendar > Days > Date
calendarEvents	<p>An unordered collection of calendarDateCalendarEvents. This entity represents a day in the school calendar.</p> <ul style="list-style-type: none"> Data is reported from the Day or Day Event for the Date being reported. <p>See the Calendar Event Descriptor table in the Type/Descriptor section below.</p>		N/A	N/A
Calendar Event Descriptor	<p>This descriptor holds the types of scheduled or unscheduled events for the day.</p> <p>Logic reports as follows:</p> <ul style="list-style-type: none"> 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. <p>See the Calendar Event Descriptor table in the Type/Descriptor section below.</p>	M	Day.instruction	System Administration > Calendar > Calendar > Day
eventDuration	<p>Reports the duration of the day event being reported.</p> <p>This element is optional and does not report.</p>	O	N/A	N/A
_etag	<p>A unique system-generated value that identifies the version of the resource.</p> <p>This does not report.</p>	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
Instructional Day	Instructional Day	Instructional Day
Teacher only day	Teacher only day	Teacher only day
Holiday	Holiday	Holiday
Make-up day	Make-up day	Make-up day
Weather Day	Weather Day	Weather Day
Student late arrival/early dismissal	Student late arrival/early dismissal	Student late arrival/early dismissal
Emergency day	Emergency day	Emergency day
Strike	Strike	Strike
Other	Other	Other

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. <ul style="list-style-type: none"> 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 checkbox is marked. Do not send a record if the School Exclude checkbox is marked.
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 to which the calendar is aligned.
Data is only sent for the years that have a valid configuration.
Future Years data will be suppressed until the Active Year is changed: <ul style="list-style-type: none"> This allows the Schedule Wizard to be used and reduces 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: <ul style="list-style-type: none"> schoolID 	M	School.number	System Administration> Resources> School> State School Number
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 System Administration > Calendar > Calendar > Schedule Structure
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

Cohorts

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 Program Session is added and is mapped to a Program where the Program's Name matches a Cohort Type
	The Program can only be created from Program Admin> Programs> Programs tab
Put	If the Category or Description changes
Post/Delete	If the Program Name changes
Delete	If 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	A reference to the related EducationOrganization resource Reports the State District Number	M	System Administration> Resources> District Information> State District Number	district.number

Data Element	Description		Campus Database Field	Campus GUI Location
identifier	The name or ID for the cohort. Reports the Program Session ID	M	Program Admin> Programs> Program> Program Sessions ID	programsession. programSessionID
description	The description of the cohort and its purpose. <ul style="list-style-type: none"> Report text in the Description field If NULL, do not report 	O	Program Admin> Programs> Programs> Description	program.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		program.name
scopeType	The scope of cohort (e.g., campus, district, classroom). <ul style="list-style-type: none"> Report the Ed-Fi Code from the category selected If a Category is not selected or the Ed-Fi Code is NULL, do not report 	O	Program Admin> Programs> Programs> Category	program.program Category
academicSubjectDescriptor	The subject for an academic intervention (e.g., science, mathematics)	O		
programs	An unordered collection of cohortPrograms. The optional program associated with this cohort (e.g., Special Education)	O		
etag				

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
Classroom Pullout	Classroom Pullout	Classroom Pullout
Counselor List	Counselor List	Counselor List
Discipline Intervention	Discipline Intervention	Discipline Intervention
Extracurricular Activity	Extracurricular Activity	Extracurricular Activity
Field Trip	Field Trip	Field Trip

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

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
Counselor	Counselor	Counselor
Statewide	Statewide	Statewide
Other	Other	Other

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
Post	When a course is created and saved. <ul style="list-style-type: none"> Do not send if course is marked as Inactive or State Exclude. Do not send if course is in a calendar marked as exclude. Do not send if course is in a school marked as exclude.
Delete/Insert	If the course number is changed, do a delete/insert of the record.
Put	When course information not part of the natural key is changed and saved: <ul style="list-style-type: none"> Title Number of Parts Academic Subject Descriptor Identification Codes Type Level
Delete	When a Course is deleted and there are no other courses with the same number in the same school and year

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 school number associated with the course.	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.	M	Course.number	Scheduling > Course > Number
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 M field is reported. This field reports a default value of 1 for all courses if blank.	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. Reports the Ed-Fi code from the value selected in the SCED Subject Area dropdown. If SCED codes are not used or Ed-Fi Value is blank, it does not report.	O	Course.SCED	Scheduling > Course > Courses > SCED Subject Area
description	A description of the content standards and goals covered in the course. Reference may be made to state or national content standards. This field does not report.	O	N/A	N/A
dateCourseAdopted	The date the district adopted the course. This field does not report.	O	N/A	N/A
highSchoolCourse Requirement	An indication that this course credit is required for a high school diploma. This field does not report.	O	N/A	N/A
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. This field does not report.	O	N/A	N/A
definedByType	Specifies whether the course was defined by the SEA, LEA, school or national organization. This field does not report.	O	N/A	N/A
minimumAvailable CreditType	The type of credits or units of value awarded for the completion of a course. This field does not report.	O	N/A	N/A
minimumAvailable CreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.	O	N/A	N/A

Data Element	Description	Campus Database Field	Campus GUI Location
minimumAvailableCredit	The minimum amount of credit available to a student who successfully completes the course. This field does not report.	O N/A	N/A
maximumAvailableCreditType	The type of credits or units of value awarded for the completion of a course. This field does not report.	O N/A	N/A
maximumAvailableCreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units. This field does not report.	O N/A	N/A
maximumAvailableCredit	The maximum amount of credit available to a student who successfully completes the course. This field does not report.	O N/A	N/A
careerPathwayType	The career cluster or pathway representing the career path of the Vocational/CTE concentrator. This field does not report.	O N/A	N/A
timeRequiredForCompletion	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. This field does not report.	O N/A	N/A
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. This field does not report.	O N/A	N/A
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. This field does not report.	O N/A	N/A
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. This field is an array.	O N/A	N/A
	courseIdentificationSystemDescriptor	Reports 'LEA course code' when reporting the Course Number Reports 'State course code' when reporting the State Code	O N/A N/A
	assigningOrganizationIdentificationCode	The organization code or name assigning the staff Identification Code. This field does not report.	O N/A N/A

Data Element	Description		Campus Database Field	Campus GUI Location
	identificationCode	<p>A unique number or alphanumeric code assigned to a space, room, site, building, individual, organization, program, or institution by a school, school system, a state, or other agency or entity.</p> <p>Reports the Course Number when reporting 'LEA course code'</p> <p>Reports the State Code when reporting 'State course code'</p>	M Scheduling> Courses	course.number or course.statecode
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. This field does not report.		O N/A	N/A
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. This field does not report.		O N/A	N/A
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. This field is an array.		O N/A	N/A
	type	<p>Reports the Ed-Fi code from the Course Level selected.</p> <p>Does not report if the Ed-Fi Code is NULL or field is blank.</p>	M Scheduling> Courses> Course Level	course.honorsCode
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**:

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

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Critical Reading	Critical Reading	Critical Reading
English	English	English
English Language Arts	English Language Arts	English Language Arts
Fine and Performing Arts	Fine and Performing Arts	Fine and Performing Arts
Foreign Language and Literature	Foreign Language and Literature	Foreign Language and Literature
Life and Physical Sciences	Life and Physical Sciences	Life and Physical Sciences
Mathematics	Mathematics	Mathematics
Military Science	Military Science	Military Science
Other	Other	Other
Physical, Health, and Safety Education	Physical, Health, and Safety Education	Physical, Health, and Safety Education
Reading	Reading	Reading
Religious Education and Theology	Religious Education and Theology	Religious Education and Theology
Science	Science	Science
Social Sciences and History	Social Sciences and History	Social Sciences and History
Social Studies	Social Studies	Social Studies
Writing	Writing	Writing

This table describes the Ed-Fi Value mapped and reported for **Course Level Characteristic Types**:

Ed-Fi Code Value	Ed-Fi Short Description	Description
Accepted as high school equivalent	Accepted as high school equivalent	Accepted as high school equivalent
Advanced	Advanced	Advanced
Advanced Placement	Advanced Placement	Advanced Placement
Basic	Basic	Basic
Career and Technical Education	Career and Technical Education	Career and Technical Education
College-level	College-level	College-level
Core Subject	Core Subject	Core Subject
Correspondence	Correspondence	Correspondence
Distance Learning	Distance Learning	Distance Learning
Dual Credit	Dual Credit	Dual Credit
English Language Learner	English Language Learner	English Language Learner
General	General	General
Gifted and Talented	Gifted and Talented	Gifted and Talented
Graduation Credit	Graduation Credit	Graduation Credit
Honors	Honors	Honors
International Baccalaureate	International Baccalaureate	International Baccalaureate
Magnet	Magnet	Magnet
Other	Other	Other
Pre-AP	Pre-AP	Pre-AP
Pre-IB	Pre-IB	Pre-IB
Remedial	Remedial	Remedial
Students with disabilities	Students with disabilities	Students with disabilities
Untracked	Untracked	Untracked

This table describes the Ed-Fi Value mapped and reported for **Course Identification System Descriptor**:

Code Value	Short Description	Description
CSSC course code	CSSC course code	CSSC course code
Intermediate agency course code	Intermediate agency course code	Intermediate agency course code
LEA course code	LEA course code	LEA course code
NCES Pilot SNCCS course code	NCES Pilot SNCCS course code	NCES Pilot SNCCS course code
Other	Other	Other
SCED course code	SCED course code	SCED course code
School course code	School course code	School course code
State course code	State course code	State course code
University course code	University course code	University course code

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 Placements is created and saved. <ul style="list-style-type: none"> Do not send if course is marked as Inactive or State Exclude. Do not send records in the Calendar Exclude checkbox is marked. Do not send if the School Exclude checkbox is marked. One record reports per Course and Term Type combination.
Delete/Post	When the Local Course number is changed.
Delete/Post	If the Term Descriptor changes either via section placement or mapping override and a course offering already exists with non-matching Term Descriptors.
Delete/Post	When there are two Courses with the same natural key and 1 is deleted, the other record will post with the remaining records data.
Put	When the Course Information is changed and saved. <ul style="list-style-type: none"> 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.

Scope Year Logic

[Click here to expand...](#)

This table describes scope year logic of this object.

Logic
Reports course offerings for the scope year to which the courses calendar is aligned.
Data will only send for the years that have valid configuration.
Future Years data will be suppressed until the Active Year is changed: <ul style="list-style-type: none"> This allows the Schedule Wizard to be used and reduces 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 : <ul style="list-style-type: none"> educationOrganizationReference code 	M	N/A	N/A
schoolReference	Reports the following elements that are part of the Natural Key for the Schools resource : <ul style="list-style-type: none"> number 	M	School.entityID	System Administration > Resources > School > Number
sessionReference	Reports the following elements that are part of the Natural Key for the Sessions resource : <ol style="list-style-type: none"> Term Descriptor will report based on section schedule placement of the sections of the course. 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 planned 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 courseOfferingCurriculumUses. 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
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Action	Trigger
Post	<p>When transcript records are posted for a student and they have a valid Student School Association for the Scoped Year.</p> <ul style="list-style-type: none"> • When a resync is completed, all valid transcript records for all years will send for the Student • The School that the Student is enrolled must be selected in the Resync Tool • Ed-Fi will send an error if the Course does not already exist in the ODS and a resync will need to be done on the Course • Do not send a record if the course is marked as inactive or state exclude <p>If the District Number on the Transcript record does not match the reporting district look to see if the course number exists in the School:</p> <ul style="list-style-type: none"> • If the Course Number exists anywhere in the School for the scope year, and is not marked as inactive or exclude, report the record with the Course Reference for that course/school <ul style="list-style-type: none"> ◦ If more than 1 Course exists with that Course Number in different schools in the scope year, report the course reference with the School where the student is enrolled • If the Course Number does not exist in the School for the scope year, do not report the record
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	<p>Transcript records delete when a student has only one Student School Association record for a specific Year and that record is deleted.</p> <p>If a new Student School Association record is created, existing records will not re-post, a resync must be completed to resend the data.</p>

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	<p>The unique identifier of the resource. Natural Key fields for the Course resource:</p> <ul style="list-style-type: none"> • Education Organization Reference • Code 	M	N/A	N/A
schoolReference	<p>A reference to the related School resource. Reports the Natural Key fields for the School resource:</p> <ul style="list-style-type: none"> • schoolID <p>If the School ID is not valid, this field will report blank.</p>	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
studentAcademicRecordReference	A reference to the related Student Academic Record resource. Reports the Natural Key fields for the Student Academic Record resource: <ul style="list-style-type: none"> 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. When reporting from Transcript Records use the Credits Earned vs. Credit Attempted to determine the Result Type: <ol style="list-style-type: none"> When the sum of credits Earned is \geq the sum of credits Attempted When the sum of credits Earned is blank or = 0 When the sum of credits Earned is not blank or = 0 and $<$ than the sum of credits Attempted 	M	Transcriptcredit. creditsAttempted Transcriptcredit. creditsEarned	Student Information > General > Transcripts > Earned Student Information > General > Transcripts> Attempted
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
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

Data Element	Description		Campus Database Field	Campus GUI Location
whenTakengrade LevelDescriptor	<p>Student's grade level at time of course.</p> <ol style="list-style-type: none"> If the grade selected on the transcript record matches a valid Ed-Fi code, report the grade. When no matching grade found with a grade level mapping, do not report this property. 	O	N/A	Student Information > General > Transcript > Transcript Course Editor > Grade
methodCreditEarnedType	<p>The method the credits were earned, for example: Classroom, Examination, Transfer.</p> <p>This field is optional and does not report.</p>	O	N/A	N/A
finalLetterGradeEarned	<p>The final letter grade earned for the course. Logic determines if the posted score is an integer or not:</p> <ol style="list-style-type: none"> If the posted value is not an Integer, then report the posted score here. If the posted value is an Integer, then report in Final Number Grade Earned field below. 	O	Transcriptcourse.score	Student Information > General > Transcripts > Current Score
finalNumericGradeEarned	<p>The final numeric grade earned for the course. Logic determines if the posted score is an integer or not:</p> <ol style="list-style-type: none"> If the posted value is an Integer, then report the posted score here. If the posted value is not an Integer, then report in Final Letter Grade Earned field above. 	O	Transcriptcourse.score	Student Information > General > Transcripts > Current Score
courseRepeatCodeType	<p>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.</p> <p>This field is optional and does not report.</p>	O	N/A	N/A
courseTitle	<p>Reports the name of the course completed. Report the Course Name from the transcript record.</p>	O	Transcriptcourse.courseName	Student Information > General > Transcripts > Course Name
alternativeCourseCode	<p>The local code assigned by the school that identifies the course offering, the code from an external educational organization, or other alternate course code.</p> <p>This field is optional and does not report.</p>	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 only reported if the student has a grading task with an associated credit to 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

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. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> If the resolution date is changed do a delete and post.
Delete/Post	When the Incident's status is changed. <ul style="list-style-type: none"> 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 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
<p>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.</p> <ul style="list-style-type: none"> • 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
assignmentschoolReference	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: <ul style="list-style-type: none"> • schoolID 	M	School.entityID	System Administration > Resources > School > Entity ID
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: <ul style="list-style-type: none"> • studentUniqueld 	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.	O	N/A	N/A
actualDiscipline ActionLength	The length of time in school days for the Discipline Action (e.g. removal, detention), if applicable. <ul style="list-style-type: none"> • Reports the value entered in the Duration in School Days field. 	O	behaviorResolution.schoolDaysDuration	Behavior> Behavior Management> Resolution>Duration in School Days
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

Data Element	Description		Campus Database Field	Campus GUI Location
relatedToZeroTolerancePolicy	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 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. <ul style="list-style-type: none"> Report the reference from the Discipline Incident record the resolution is associated with 	O	N/A	N/A
staffs	An unordered collection of disciplineActionStaffs.	O	behaviorresolution. adminPersonId	Behavior Resolution> Behavior Admin Staff Name
	Reports the reference for the Staff assigned to the Behavior Admin Staff Name 1. If the person does not have an Ed-Fi ID, do not report 2. If the person does have an Ed-Fi ID, do a get on the Staff resource to verify they exist before sending. 1. If the Staff record is valid, send the Staff reference 2. If the Staff record is not valid, this field will report blank			
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
Expulsion	Expulsion	Expulsion
Removal from Classroom	Removal from Classroom	Removal from Classroom
Community Service	Community Service	Community Service
Expulsion with Services	Expulsion with Services	Expulsion with Services
Out of School Suspension	Out of School Suspension	Out of School Suspension
In School Suspension	In School Suspension	In School Suspension
Other	Other	Other

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
Post	Reports a behavior incident when the incident's Status is marked and saved as "Complete." <ul style="list-style-type: none"> 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 is in a calendar marked as Exclude Do not send if the student is in a School marked as Exclude
Put	When a change is found to the following fields: <ul style="list-style-type: none"> behaviors seriousBodilyInjury sexualAssault
Delete/Post	When data that is part of the Natural Key is changed. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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 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: <ul style="list-style-type: none"> schoolID 	M	School.entityID	System Adminis > Resou School Entity II
staffReference	A reference to the related Staff resource.	O	behaviorincident.referralPersonID	Behavio Behavio Manage Submitt
	Reports the Natural Key from the Staff Resource when there is a person selected in the Submitted By field <ul style="list-style-type: none"> Staff must have an Ed-Fi ID to send Only send if the Staff has a Staff Ed Org Assignment Assoc in the Identity Mapping table 	O		
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	Behavio Behavio Manage > Incide
incidentDate	The month, day, and year on which the incident occurred.	M	BehaviorIncident. timestamp	Behavio Behavio Manage > Date Inciden
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	Behavio Manage > Locat
reporterDescription Descriptor	Information on the type of individual who reported the incident.	O	behaviorincident.referralPersonID	Behavio Behavio Managr Submitt
	<ul style="list-style-type: none"> Report 'Staff' only when the Staff Referenced is submitted. If Staff Reference is blank, do not send 			
reporterName	Identifies the reporter of the incident by name.	O	N/A	N/A
	<ul style="list-style-type: none"> Report the First and Last name of the person referenced in the Staff Reference field If Staff Reference is blank, do not send 			

Data Element	Description		Campus Database Field	Campus Location
reportedToLawEnforcement	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
	behaviorDescriptor	Report all behavior events that are associated with the incident. 1. Report all behavior events that are associated with the incident 1. Report the Ed-Fi code value from the mapping provided for 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. 2. If a code is not mapped, do not report.	M	N/A
	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 Manage > Even
				Behavior Behavior Manage > Incide Detail Informa

Data Element	Description	Campus Database Field	Campus Location
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
etag	A unique system-generated value that identifies the version of the resource.	O	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
State Offense	State Offense	State Offense
School Violation	School Violation	School Violation
Other	Other	Other
School Code of Conduct	School Code of Conduct	School Code of Conduct

Grades

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 marked as State Reported and has an Ed-Fi Grade Type populated <ul style="list-style-type: none"> 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 checkbox is checked Check to see if the student has a Student Section Association in the Ed-Fi Identity Mapping table before sending. <ul style="list-style-type: none"> If the Student Section Association exists, continue with processing the record to Ed-Fi If the Student Section Association does not exist, the record will go to the Error Log with a message stating: Student (First Name Last Name, Ed-Fi ID) does not have a Student Section Association record for the course (Course Number Course Name). This record must exist before Grades can be sent.
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/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: <ul style="list-style-type: none"> schoolReference beginDate descriptor 	M	N/A	N/A
studentSection AssociationReference	Reports the fields that are part of the Natural Key for the Student Section Association . <ul style="list-style-type: none"> sectionReference studentReference beginDate <p>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.</p>	M	N/A	N/A
type	The type of grade (e.g., Exam, Final, Grading Period, Progress Report). Reports the Ed-Fi Code from the Ed-Fi Grade Type selected on the Grading Task or Standard being reported. 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: <ol style="list-style-type: none"> If the posted value is not an Integer, then report the posted score here 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

Data Element	Description		Campus Database Field	Campus GUI Location
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
Conduct	Conduct	Conduct
Exam	Exam	Exam
Final	Final	Final
Grading Period	Grading Period	Grading Period
Mid-Term Grade	Mid-Term Grade	Mid-Term Grade
Progress Report	Progress Report	Progress Report
Semester	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 a 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.

Action	Trigger
Post	When a new Grading Period is created and saved on the Grading Periods tab. <ul style="list-style-type: none"> Do not send records if the Calendar Exclude checkbox is checked. Do not send if the School is marked as Exclude. If the start date on an existing Grading Period is changed, the "old" record will remain in Ed-Fi and a new record will post with the new date.
Put	When the Grading Period End Date is updated and saved.
Delete	Grading Periods cannot be deleted due to the dependency of the core Ed-Fi model where it is required for Sessions to report grading periods.

** The Grading Periods tab will not be populated until there is at least 1 Grading Task with an Ed-Fi Grade Type that is assigned to a course with at least 1 Term Mask selected.

Scope Year Logic

[Click here to expand...](#)

This table describes scope year logic of this object.

Logic
<p>Reports the grading periods in the scope year to which the calendar is aligned.</p> <ul style="list-style-type: none"> • Data will only send for the years that have valid configuration. • Future Years data will be suppressed until the Active Year is changed: <ul style="list-style-type: none"> ◦ This allows the Schedule Wizard to be used and reduces 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
beginDate	<p>The start date of the grading period. Report the start date from the Grading Period being reported:</p> <ul style="list-style-type: none"> • 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	N/A	System Administration > Calendar > Calendar > Ed-Fi Grading Periods > Grading Period Start Date
endDate	<p>The end date of the grading period. Report the end date from the Grading Period being reported:</p> <ul style="list-style-type: none"> • 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	N/A	System Administration > Calendar > Calendar > Ed-Fi Grading Periods > Grading Period End Date
descriptor	<p>The name of the grading period. See the Grading Period Descriptor table in the Type/Descriptor section below.</p> <ul style="list-style-type: none"> • Report the code value from the Grading Period Name selected. 	M	N/A	System Administration > Calendar > Calendar > Ed-Fi Grading Periods > Grading Period Name
totalInstructionalDays	<p>The total number of instructional days in the grading period.</p> <ul style="list-style-type: none"> • Count the number of instructional days on the Days tab that occur during the start and end date for the grading period <ul style="list-style-type: none"> ◦ 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

Data Element	Description		Campus Database Field	Campus GUI Location
periodSequence	The sequence of the grading period.	O	term.seq	System Administration > Calendar > Terms> Seq
	<ul style="list-style-type: none"> Report the Sequence from the Term the Grading Period begin reported is aligned to. If the same Grading Period is aligned to different Terms, report the earliest Term Sequence 			
_etag	N/A	O	N/A	N/A

Type/Descriptors

► [Click here to expand...](#)

The highlighted column indicates the reported value.

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

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
End of Year	End of Year	End of Year
Fifth Six Weeks	Fifth Six Weeks	Fifth Six Weeks
First Nine Weeks	First Nine Weeks	First Nine Weeks
First Semester	First Semester	First Semester
First Six Weeks	First Six Weeks	First Six Weeks
First Summer Session	First Summer Session	First Summer Session
First Trimester	First Trimester	First Trimester
Fourth Nine Weeks	Fourth Nine Weeks	Fourth Nine Weeks
Fourth Six Weeks	Fourth Six Weeks	Fourth Six Weeks
Second Nine Weeks	Second Nine Weeks	Second Nine Weeks
Second Semester	Second Semester	Second Semester
Second Six Weeks	Second Six Weeks	Second Six Weeks
Second Summer Session	Second Summer Session	Second Summer Session
Second Trimester	Second Trimester	Second Trimester
Sixth Six Weeks	Sixth Six Weeks	Sixth Six Weeks
Summer Semester	Summer Semester	Summer Semester
Third Nine Weeks	Third Nine Weeks	Third Nine Weeks
Third Six Weeks	Third Six Weeks	Third Six Weeks
Third Summer Session	Third Summer Session	Third Summer Session
Third Trimester	Third Trimester	Third Trimester

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
Post	<p>When a Career Tech Program or a Graduation Program is mapped to a Graduation Plan Descriptor in Graduation Plan Preferences.</p> <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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
<p>Records will report for each year the Career Tech Program or a Graduation Program is active.</p> <ul style="list-style-type: none"> 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
educationOrganizationReference	A reference to the related Education Organization resource. Reports the District Number.	M	N/A	N/A
graduationSchoolYearTypeReference	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	<p>This descriptor defines the set of graduation plan types.</p> <ul style="list-style-type: none"> 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. <p>See the Graduation Plan Type table in the Type/Descriptors section below.</p>	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. <ul style="list-style-type: none"> 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	N/A	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
totalRequiredCreditConversion	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 Descriptors**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Career and Technical Education	Career and Technical Education	Career and Technical Education
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
schoolReference	Reports the following elements that are part of the Natural Key for the Schools resource: <ul style="list-style-type: none"> 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. If blank, do not report.	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

Data Element	Description		Campus Database Field	Campus GUI Location
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 checkbox is marked AND 1 person is a student and 1 person is not a student. <ul style="list-style-type: none"> 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. End date must be on or after 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.
Put	A record will be updated when any of the following are changed and saved: <ul style="list-style-type: none"> 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. When the contact information has changed (phone or email).
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
<p>A parent record will report when they are a guardian to a student with an enrollment aligned to a scoped year.</p> <ul style="list-style-type: none"> 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.
<p>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.</p> <ul style="list-style-type: none"> 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.

Logic

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.edFid	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
lastName	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
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

Data Element	Description		Campus Database Field	Campus GUI Location
addresses	Report the person's address(s). Reports the Primary address that is marked as "Mailing." <ol style="list-style-type: none"> 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. <ul style="list-style-type: none"> • 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
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

Data Element	Description			Campus Database Field	Campus GUI Location
	nameOfCounty	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located. Reports the County for the addressing being reported.	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. This is optional and does not report.	O	N/A	N/A
	latitude	The geographic latitude of the physical address. This is optional and does not report.	O	N/A	N/A
	longitude	The geographic longitude of the physical address. This 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 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

Data Element	Description			Campus Database Field	Campus GUI Location
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
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

Data Element	Description			Campus Database Field	Campus GUI Location
	telephoneNumberType	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
	textMessageCapabilityIndicator	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

Campus Value	Ed-Fi Type	Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
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 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.

Logic	
Post	When a student has a EL Program Status = EL and the record overlaps an enrollment with a valid Student School Association in the current scoped year
	Do not report if the student's Enrollment has any of the following indicated: <ul style="list-style-type: none"> • Calendar exclude • School exclude
Post	When Flag is created and the 'Name' matches an Ed-FI Program Type and the record overlaps an enrollment with a valid Student School Association in the current scoped year
	Do not create a English as a Second Language (ESL) or Special Education program from Flags, these will come from EL Programs and Locked IEPs
Post	When a student has a locked IEP and the record overlaps an enrollment with a valid Student School Association in the current scoped year
	**All students will reference the same programs once the first one is created
Post	When a student has a Title 1 record that overlaps the configured year
Put	N/A
Delete	Delete if all Flags are deleted with the matching Name
Delete	Delete if all qualifying IEPs are unlocked or deleted
Delete	If all qualifying EL records are deleted

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	The unique identifier of the resource.	M	N/A	N/A
educationOrganizationReference	A reference to the related Education Organization resource. This sends the State District Number associated with the school. If the State District Number is changed, a resync on the school needs to be performed.	O	District.stateDistrictNumber	System Administration > Resources > District Information > State District Number

Data Element	Description		Campus Database Field	Campus GUI Location
type	<p>Reports the type of program.</p> <ul style="list-style-type: none"> • Report 'English as a Second Language (ESL)' if reporting from EL • Report 'Special Education' if reporting from a locked IEP • Report 'Title I Part A' if reporting from Title I tab • Else, Report the 'Name' from the Flag 	M	lep.programstatus OR program.name	Student Information> Program Participation> English Learners Or Program Admin> Flags> Name Or Special Education> IEP Or Student Information> Program Participation> Title I
name	<p>The formal name of the program of instruction, training, services or benefits available through the federal,state or local agencies</p> <ul style="list-style-type: none"> • Report 'English as a Second Language (ESL)' if reporting from EL • Report 'Special Education' if reporting from a locked IEP • Report the 'Name' from the Flag if reporting from Flags • Report the 'Name' from the attribute dictionary from the Title I Program Field if reporting from the Title I tab 	M	lep.programstatus OR program.name or title1.title1Program	Student Information> Program Participation> English Learners Or Program Admin> Flags> Name Or Special Education> IEP Or Title I > Title I Program
programID	<p>A unique number or alphanumeric code assigned to a program by a school, school system, a state, or other agency or entity.</p> <p>1. Only reports when reporting from Flags. Report the Program ID from the record being reported</p>	O	program.programId	Program Admin> Flags
sponsorType	<p>Key for ProgramSponsor.</p> <p>This field does not report.</p>	O	N/A	N/A
beginDate	<p>This field does not report.</p>	O	N/A	N/A

Data Element	Description	Campus Database Field	Campus GUI Location
characteristics	An unordered collection of programCharacteristics. Reflects important characteristics of the Program, such as categories or particular indications. This field does not report.	O N/A	N/A
learningObjectives	An unordered collection of programLearningObjectives. Learning Standard followed by this program. This field does not report.	O N/A	N/A
learningStandards	An unordered collection of programLearningStandards. References the Learning Objective(s) the Program is associated with. This field does not report.	O N/A	N/A
services	An unordered collection of programServices. Defines the services this program provides to students. This field does not report.	O N/A	N/A

Type/Descriptors

► [Click here to expand...](#)

The highlighted column indicates the reported value.

This table describes the **Program Type**.

Ed-Fi Code value	Short Description	Description
Adult/Continuing Education	Adult/Continuing Education	Adult/Continuing Education
Alternative Education	Alternative Education	Alternative Education
Athletics	Athletics	Athletics
Bilingual	Bilingual	Bilingual
Bilingual Summer	Bilingual Summer	Bilingual Summer
Career and Technical Education	Career and Technical Education	Career and Technical Education
Cocurricular Programs	Cocurricular Programs	Cocurricular Programs
College Preparatory	College Preparatory	College Preparatory
Community Service Program	Community Service Program	Community Service Program
Community/Junior College Education Program	Community/Junior College Education Program	Community/Junior College Education Program
Compensatory Services for Disadvantaged Students	Compensatory Services for Disadvantaged Students	Compensatory Services for Disadvantaged Students
Counseling Services	Counseling Services	Counseling Services
District-Funded GED	District-Funded GED	District-Funded GED
Early Head Start	Early Head Start	Early Head Start
Early Intervention Services Part C	Early Intervention Services Part C	Early Intervention Services Part C
English as a Second Language (ESL)	English as a Second Language (ESL)	English as a Second Language (ESL)

Ed-Fi Code value	Short Description	Description
Even Start	Even Start	Even Start
Expelled Education	Expelled Education	Expelled Education
Extended Day/Child Care Services	Extended Day/Child Care Services	Extended Day/Child Care Services
Fee For Service	Fee For Service	Fee For Service
Foreign Exchange	Foreign Exchange	Foreign Exchange
Gifted and Talented	Gifted and Talented	Gifted and Talented
Head Start	Head Start	Head Start
Health Services Program	Health Services Program	Health Services Program
High School Equivalency Program (HSEP)	High School Equivalency Program (HSEP)	High School Equivalency Program (HSEP)
Home Visiting	Home Visiting	Home Visiting
IDEA	IDEA	IDEA
Immigrant Education	Immigrant Education	Immigrant Education
Independent Study	Independent Study	Independent Study
Indian Education	Indian Education	Indian Education
International Baccalaureate	International Baccalaureate	International Baccalaureate
Kindergarten - Extended Day	Kindergarten - Extended Day	Kindergarten - Extended Day
Kindergarten - Full Day	Kindergarten - Full Day	Kindergarten - Full Day
Kindergarten - Half Day	Kindergarten - Half Day	Kindergarten - Half Day
Library/Media Services Program	Library/Media Services Program	Library/Media Services Program
Magnet/Special Program Emphasis	Magnet/Special Program Emphasis	Magnet/Special Program Emphasis
Migrant Education	Migrant Education	Migrant Education
Neglected and Delinquent Program	Neglected and Delinquent Program	Neglected and Delinquent Program
Optional Flexible School Day Program (OFSDP)	Optional Flexible School Day Program (OFSDP)	Optional Flexible School Day Program (OFSDP)
Other	Other	Other
Prekindergarten - Extended Day	Prekindergarten - Extended Day	Prekindergarten - Extended Day
Prekindergarten - Full Day	Prekindergarten - Full Day	Prekindergarten - Full Day
Prekindergarten - Half Day	Prekindergarten - Half Day	Prekindergarten - Half Day
Preschool Special Education	Preschool Special Education	Preschool Special Education
Public Preschool	Public Preschool	Public Preschool
Regular Education	Regular Education	Regular Education
Remedial Education	Remedial Education	Remedial Education
Section 504 Placement	Section 504 Placement	Section 504 Placement
Service Learning	Service Learning	Service Learning
Special Education	Special Education	Special Education
Student Retention/Dropout Prevention	Student Retention/Dropout Prevention	Student Retention/Dropout Prevention
Substance Abuse Education/Prevention	Substance Abuse Education/Prevention	Substance Abuse Education/Prevention
Teacher Professional Development/Mentoring	Teacher Professional Development/Mentoring	Teacher Professional Development/Mentoring
Technical Preparatory	Technical Preparatory	Technical Preparatory
Title I Part A	Title I Part A	Title I Part A
Title I Part D Subpart 1	Title I Part D Subpart 1	Title I Part D Subpart 1

Ed-Fi Code value	Short Description	Description
Title I Part D Subpart 2	Title I Part D Subpart 2	Title I Part D Subpart 2
Vocational Education	Vocational Education	Vocational Education

Schools

This entity represents an educational organization that includes staff and students who participate in classes and educational activity groups.

Object Triggering Logic

[Click here to expand...](#)

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a new school is created and saved OR the State School Number changes. <ul style="list-style-type: none"> Do not send if the Exclude checkbox is marked. If the Exclude checkbox is selected after the school is sent, the school remains. Most resources have a school reference, if the state school number changes after data has been sent, all data for the previous number will remain and a resync will need to be performed for data to be sent to the new school.
Put	When any of the fields not part of the Natural Key change: <ul style="list-style-type: none"> Name Address Telephone Grade Levels
Delete	A delete is not sent.

Scope Year Logic

[Click here to expand...](#)

Data does not send for any of the resources if they reference a school that is marked as Exclude on the School editor.

Logic
Schools are not aligned to a year so all schools send to each scoped year.
Data only sends for the years that have a valid configuration.
A resync must be completed on the 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 Schools resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
localEducationAgencyReference	A reference to the related Local Education Agency resource. This sends the State District Number associated with the school. If the State District Number is changed, a resync on the school needs to be performed.	O	N/A	N/A
schoolId	Indicates the State School Number	M	Schoolnumber	System Administration > Resources > School > State School Number

Data Element	Description			Campus Database Field	Campus GUI Location
stateOrganizationId	The identifier assigned to an education agency by the State Education Agency. This is also known as State LEP ID. NEDML Identification Code, LEA Identifier. Reports the State School Number.		M	School.stateNumber	System Administration > Resources > School > State School Number
nameOfInstitution	The full, legally accepted anme of the institution. NEDM: Name of Institution. Reports the school name.		M	School.name	System Administration > Resources > School > Name
shortNameOfInstitution	This field does not report.		O	N/A	N/A
webSite	This field does not report.		O	N/A	N/A
operationalStatusType	This field does not report.		O	N/A	N/A
type	Report the type of school from the mapped value in school type if populated on the reporting school		O	school.type	System Administration>Resources>School> School Type
charterStatusType	This field does not report.		O	N/A	N/A
titlePartASchoolDesignationType	This field does not report.		O	N/A	N/A
magnetSpecialProgramEmphasisSchoolType	This field does not report.		O	N/A	N/A
administrativeFundingControlDescriptor	This field does not report.		O	N/A	N/A
internetAccessType	This field does not report.		O	N/A	N/A
addresses	An unordered collection of educationOrganizationAddresses. This entity represents an educational organization that includes staff and students who participate in classes and educational activity groups. Reports the Physical Address for the school. If blank, does not report. This element is an array that reports the following data:		O		
	addressType	All addresses will report as 'Physical'. 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		System Administration>Resources>School Information
	apartmentRoomSuiteNumber	The apartment, room, or suite number of an address. This field does not report.	O	N/A	N/A

Data Element	Description			Campus Database Field	Campus GUI Location
	buildingSiteNumber	The number of the building on the site, if more than one building shares the same address. This field does not report.	O	N/A	N/A
	city	The name of the city in which an address is located.	M	school.physicalcity	System Administration> Resources> School Information
	stateAbbreviationType	The abbreviation for the state (within the US) or outlying area in which an address is located.	M	school.physicalstate	System Administration> Resources> School Information
	postalCode	The five or nine digit zip code portion of an address.	M	school.physicalzip	System Administration> Resources> School Information
	nameOfCounty	The name of the county, parish, borough, or comparable unit (within a state) in which an address is located. This field does not report.	O	N/A	N/A
	countyFIPS	5-digit code consisting of the two digit state code followed by the three digit FIPS code for the county. This field does not report.	O	N/A	N/A
	latitude	The geographic latitude of the physical address. This field does not report.	O	N/A	N/A
	longitude	The geographic longitude of the physical address This field 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 does not report.	O	N/A	N/A

Data Element	Description			Campus Database Field	Campus GUI Location
	endDate	The last date the address is valid. For physical addresses, this would be the date the person moved from that address. This field does not report.	O	N/A	N/A
educationOrganizationCategories	An unordered collection of educationOrganizationCategories. This entity represents an educational organization that includes staff and students who participate in classes and educational activity groups. This element is an array that reports the following data:		O	N/A	N/A
	type	The classification of the education agency within the geographic boundaries of a state according to the level of administrative and operational control granted by the state. Always reports 'School.'	M	N/A	N/A
identificationCodes	An unordered collection of educationOrganizationIdentificationCodes. This entity represents an educational organization that includes staff and students who participate in classes and educational activity groups. 1. Report the Ed-Fi School Number 2. If the Ed-Fi School Number is blank, report the State School Number		O	school.entityID or school.number	System Administration > Resources > School
institutionTelephones	An unordered collection of educationOrganizationInstitutionTelephones. This entity represents an educational organization that includes staff and students who participate in classes and educational activity groups. Reports the Phone Number for the school. If blank, does not report. This element is an array that reports the following data:		O	N/A	N/A
	institutionTelephoneNumberType	Type of phone number. Always reports 'Main.'			
	telephoneNumber	The telephone number including the area code, and extension, if applicable. Reports the phone number entered. If blank, does not report.		School.phoneNumber	System Administration > Resources > School Information
internationalAddresses	An unordered collection of educationOrganizationInternationalAddresses. This entity represents an educational organization that includes staff and students who participate in classes and educational activity groups. This field does not report.		O	N/A	N/A

Data Element	Description			Campus Database Field	Campus GUI Location
schoolCategories	An unordered collection of schoolCategories. This entity represents an educational organization that includes staff and students who participate in classes and educational activity groups.		O	schools.gradeType	System Administration> Resources> Schools> Grade Type
	<ul style="list-style-type: none">Reports the Ed-Fi Code from the Grade Type droplist				
gradeLevels	An unordered collection of schoolGradeLevels. This entity represents an educational organization that includes staff and students who participate in classes and educational activity groups. Reports the Ed-Fi Code Value from all state grade levels. This element is an array that reports the following data:		O	N/A	N/A
	gradeLevelDescriptor	<p>The grade levels served at the school. Reports the Ed-Fi code from the State Grade Level Code for all grades in all Calendars/Schedule Structures associated with the reporting School and Year. Calendar End Year must equal the scoped end year.</p> <ul style="list-style-type: none">If State Grade Code is NULL, do not report grade.If Grade Level is marked as State Exclude, do not report grade.If the exclude checkbox is marked after the grade is sent, it deletes.If the exclude checkbox is unmarked, the grade posts if it does not exist.Do not report grade levels in a calendar marked as Exclude.If exclude is checked after grades have sent, a resync must be done for grades to be updated. <p>See the Type/Descriptors below.</p>	O	calendar.gradeLevel	System Administration > Calendar > Calendar > Grade Levels
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 **Institution Telephone Number** Type.

Ed-Fi Code Value	Short Description	Description
Main	Main	Main
Administrative	Administrative	Administrative
Health Clinic	Health Clinic	Health Clinic
Attendance	Attendance	Attendance
Other	Other	Other
Fax	Fax	Fax
Food Service	Food Service	Food Service

This table describes the **Education Organization Category** Type.

Ed-Fi Code Value	Short Description	Description
Education Service Center	Education Service Center	Education Service Center
Local Education Agency	Local Education Agency	Local Education Agency
School	School	School
State Education Agency	State Education Agency	State Education Agency
Education Organization Network	Education Organization Network	Education Organization Network
Other	Other	Other

Code Value	Short Description	Description
All Levels	All Levels	All Levels
Adult School	Adult School	Adult School
Elementary/Secondary School	Elementary/Secondary School	Elementary/Secondary School
Elementary School	Elementary School	Elementary School
High School	High School	High School
Infant/toddler School	Infant/toddler School	Infant/toddler School
Intermediate School	Intermediate School	Intermediate School
Junior High School	Junior High School	Junior High School
Middle School	Middle School	Middle School
Preschool/early childhood	Preschool/early childhood	Preschool/early childhood
Primary School	Primary School	Primary School
SecondarySchool	SecondarySchool	SecondarySchool
Ungraded	Ungraded	Ungraded
Other Secondary	Other Secondary	Other Secondary
Other Combination	Other Combination	Other Combination

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

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Infant/toddler	Infant/toddler	Infant/toddler
Early Education	Early Education	Early Education
Preschool/Prekindergarten	Preschool/Prekindergarten	Preschool/Prekindergarten
First grade	First grade	First grade
Second grade	Second grade	Second grade
Third grade	Third Grade	Third Grade

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Fourth grade	Fourth Grade	Fourth Grade
Fifth grade	Fifth Grade	Fifth Grade
Sixth grade	Sixth Grade	Sixth Grade
Seventh grade	Seventh Grade	Seventh Grade
Eighth grade	Eighth Grade	Eighth Grade
Ninth grade	Ninth Grade	Ninth Grade
Tenth grade	Tenth Grade	Tenth Grade
Eleventh grade	Eleventh Grade	Eleventh Grade
Twelfth grade	Twelfth Grade	Twelfth Grade
Grade 13	Grade 13	Grade 13
Postsecondary	Postsecondary	Postsecondary
Adult Education	Adult Education	Adult Education
Ungraded	Ungraded	Ungraded
Other	Other	Other

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. <ul style="list-style-type: none"> 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. If the School Exclude checkbox is marked, 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: <ul style="list-style-type: none"> 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.
<p>Future Years data will be suppressed until the Active Year is changed:</p> <ul style="list-style-type: none"> • This allows the Schedule Wizard to be used and reduces 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
classPeriodReference	<p>Reports the following elements that are part of the Natural Key for the Class Periods:</p> <ul style="list-style-type: none"> • id • name 	M	N/A	N/A
courseOfferingReference	<p>Reports the following elements that are part of the Natural Key for the Course Offering:</p> <ul style="list-style-type: none"> • schoolReference • sessionReference • localCourseCode 	M	N/A	N/A
locationReference	<p>Reports the following elements that are part of the Natural Key for the Locations resource:</p> <ul style="list-style-type: none"> • schoolReference • classroomIdentificationCode 	M	N/A	N/A
schoolReference	<p>Reports the following elements that are part of the Natural Key for the Schools resource:</p> <ul style="list-style-type: none"> • State School Number 	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	<p>When a section is part of a sequence of parts for a course, the number if the sequence. If the course has only one part, the value of this section attribute should be 1.</p> <ul style="list-style-type: none"> • Report the code selected in Scheduling > Courses > Course > Course Editor > SCED Sequence Part M • If field = Null, report 1. 	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
educational EnvironmentType	<p>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.</p> <ul style="list-style-type: none"> Report the Ed-Fi Code value from the Instructional Setting selected on the course section being reported 	O	section.instructionalSetting	Course > Section > Instructional Setting
mediumOf InstructionType	The media through which teachers provide instruction to students and students and teachers communicate about instructional matters	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	<p>Credits or units of value awarded for the completion of a course. Logic calculates this as follows:</p> <ul style="list-style-type: none"> 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	<p>This descriptor defines characteristics of a section, such as whether attendance is taken and the section is graded.</p> <ul style="list-style-type: none"> Reports 'Attendance Tracked' when Attendance and/or Positive Attendance checkbox is checked on a course. Reports 'Graded Credit Available' when a grading task is added and saved to a course. 	O	GradingTaskCredit. Credit	Scheduling > Course > Attendance/Positive Attendance Scheduling > Course > Grading Tasks
	<p>sectionCharacteristic Descriptor</p> <p>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.</p>	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
Attendance Tracked	Attendance Tracked	Attendance Tracked
Graded Credit Available	Graded Credit	Graded Credit Available

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

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Classroom	Classroom	Classroom
Homebound	Homebound	Homebound
Hospital class	Hospital class	Hospital class
In-school suspension	In-school suspension	In-school suspension
Laboratory	Laboratory	Laboratory
Mainstream (Special Education)	Mainstream (Special Education)	Mainstream (Special Education)
Off-school center	Off-school center	Off-school center
Pull-out class	Pull-out class	Pull-out class
Resource room	Resource room	Resource room
Single sex classroom	Single sex classroom	Single sex classroom
Self-contained (Special Education)	Self-contained (Special Education)	Self-contained (Special Education)
Self-study	Self-study	Self-study
Shop	Shop	Shop

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
Attendance Tracked	Attendance Tracked	Attendance Tracked
Graded Credit Available	Graded Credit	Graded Credit Available

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

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Classroom	Classroom	Classroom

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Homebound	Homebound	Homebound
Hospital class	Hospital class	Hospital class
In-school suspension	In-school suspension	In-school suspension
Laboratory	Laboratory	Laboratory
Mainstream (Special Education)	Mainstream (Special Education)	Mainstream (Special Education)
Off-school center	Off-school center	Off-school center
Pull-out class	Pull-out class	Pull-out class
Resource room	Resource room	Resource room
Single sex classroom	Single sex classroom	Single sex classroom
Self-contained (Special Education)	Self-contained (Special Education)	Self-contained (Special Education)
Self-study	Self-study	Self-study
Shop	Shop	Shop

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, schools, and courses marked as Exclude.

Action	Trigger
Post	<p>When a new Term is created and saved that is Mapped to a Term Type and a resync of Sessions is completed.</p> <ul style="list-style-type: none"> • 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. • Do not send records if the Calendar Exclude check box is checked. • Do not send if the School is marked as Exclude.
Post	<p>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.</p> <ul style="list-style-type: none"> • 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 • Do not send records if the Calendar Exclude check box is checked or Course is marked as Inactive or Exclude. <p>Start and End dates are not part of the natural Key so only 1 record per Term Type can be sent to Ed-Fi. Logic has been implemented to determine the priority of what start and end dates to use for a Term Type.</p>
Put	When the Grading Period, Term Name, start or end dates are changed and saved.

Action	Trigger
Delete	<p>Terms are never deleted; they are only used as a reference. They remain if a Term Schedule is deleted or Term Types are changed.</p> <p>Start and End dates are not part of the natural Key so only 1 record per Term Type can be sent to Ed-Fi. Logic has been implemented to determine the priority of what start and end dates to use for a Term Type.</p>

Scope Year Logic

[Click here to expand...](#)

This table describes scope year logic of this object.

Logic
. Reports Sessions for the scope year to which the calendar is aligned.
Data will only send for the years that have valid configuration.
<p>Future Years data will be suppressed until the Active Year is changed:</p> <ul style="list-style-type: none"> This allows the Schedule Wizard to be used and reduces 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	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.	M	Term.edfiTypeName	System Administration > Calendar > Calendar > Terms > Term Type Name
termDescriptor	<p>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.</p> <ol style="list-style-type: none"> When reporting from Term Descriptors mapping, report the Ed-Fi Code for the value selected <ol style="list-style-type: none"> When Ed-Fi Term Type = Null, or when no Ed-Fi code exists, do not report. When reporting from the Term Descriptor Overrides on Course or Section, 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

Data Element	Description		Campus Database Field	Campus GUI Location
beginDate	<p>The term start date. This element reports the start date of the term being reported.</p> <ol style="list-style-type: none"> When reporting from a Term Schedule, report the start date of the term being reported <ol style="list-style-type: none"> If more than 1 term has the same Term Type selected, report the earliest start date When reporting from a Term Type Override on a section: <ol style="list-style-type: none"> Report the start date from the earliest term selected in the section schedule placement for all courses/sections with the same Term Type. 	M	Term.startDate	System Administration > Calendar > Calendar > Terms > Start Date
endDate	<p>The term end date. This element reports the end date of the term being reported.</p> <ol style="list-style-type: none"> When reporting from a Term Schedule, report the end date of the term being reported <ol style="list-style-type: none"> If more than 1 term has the same Term Type selected, use the latest end date When reporting from a Term Type Override on a section: <ol style="list-style-type: none"> Report the end date from the latest term selected in the section schedule placement for all courses/sections with the same Term Type 	M	Term.endDate	System Administration > Calendar > Calendar > Terms > End Date
totalInstructionalDays	<p>This element reports the total number of instructional days from the Days tab from the calendar and schedule structure the term is associated with.</p> <ol style="list-style-type: none"> 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 <ol style="list-style-type: none"> 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. 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 When reporting from Term Type Override, find all section placements that Term Type is associated and count the distinct number of instructional days for each section placement's term <p>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.</p>	M	N/A	N/A
academicWeeks	An unordered collection of sessionAcademicWeeks.	O	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location				
gradingPeriods	An unordered collection of sessionGradingPeriods.	O	N/A	N/A				
	<table border="1"> <tr> <td>gradingPeriodReference</td><td> <p>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</p> <ul style="list-style-type: none"> The course is associated with the grading task of the grading period The section is placed in the term of the grading period <p>If there is not a Grading Period association with the Session, the array will be NULL and the Session record will error</p> </td><td>M</td><td>N/A</td><td>N/A</td></tr> </table>	gradingPeriodReference	<p>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</p> <ul style="list-style-type: none"> The course is associated with the grading task of the grading period The section is placed in the term of the grading period <p>If there is not a Grading Period association with the Session, the array will be NULL and the Session record will error</p>	M	N/A	N/A		
gradingPeriodReference	<p>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</p> <ul style="list-style-type: none"> The course is associated with the grading task of the grading period The section is placed in the term of the grading period <p>If there is not a Grading Period association with the Session, the array will be NULL and the Session record will error</p>	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**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Fall Semester	Fall Semester	Fall Semester
Spring Semester	Spring Semester	Spring Semester
Summer Semester	Summer Semester	Summer Semester
First Trimester	First Trimester	First Trimester

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Second Trimester	Second Trimester	Second Trimester
Third Trimester	Third Trimester	Third Trimester
Full Year	Full Year	Full Year
MiniTerm	MiniTerm	MiniTerm
First Quarter	First Quarter	First Quarter
Second Quarter	Second Quarter	Second Quarter
Third Quarter	Third Quarter	Third Quarter
Fourth Quarter	Fourth Quarter	Fourth Quarter
Other	Other	Other

Staff Cohort Associations

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	The end date is updated on the Program Sessions tab
Delete/Post	If any part of the Natural Key changes
Delete	If the Program Session is deleted
Delete	Staff is removed from the "Instructor" field

Object Data Elements

► [Click here to expand...](#)

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

Data Element Label	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource	M		
cohortReference	Reports the Natural Key of the Cohort resource	M		
staffreference	Reports the Natural Key of the Staff resource	M		
beginDate	The month, day, and year on which the Student was first identified as part of the Cohort. <ul style="list-style-type: none"> 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 Student was removed as part of the Cohort. <ul style="list-style-type: none"> Reports the End Date the staff is ended from the Program Session 	O	programSession.enddate	Programs Admin> Programs> Program Sessions> End Date

Data Element Label	Description	Campus Database Field	Campus GUI Location
studentRecordAccess		O	
etag		O	

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	<p>When a person has a District Employment record with the District Staff check box checked and a District Assignment Code populated.</p> <p>OR</p> <p>When a person has a District Assignment record and the District Staff check box is not checked.</p> <p>Do NOT report a record if any one of the following scenarios are true:</p> <ol style="list-style-type: none"> 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 record is being triggered from a District Assignment record and it is marked as Exclude. 4. If the record is being triggered from a District Assignment record and the School is marked as Exclude. 5. If data is sent prior to the Exclude checkboxes are checked, the data will remain and the user will need to use the Delete Tool to remove data. 6. If the Assignment Code field is not mapped in Resource Preferences <p>If school staff member has more than 1 qualifying District Assignment record, a record will generate for each eligible School/Start date</p>
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	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
<p>A record will report when a person has a District Assignment record that is aligned to a scoped year.</p> <ul style="list-style-type: none"> • Report when a staff has an active District Assignment record that overlaps with the School year Start and End Dates. <ul style="list-style-type: none"> ◦ 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.

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.

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	C L
id	The unique identifier of the resource.	M	N/A	N
StaffEducationOrganization EmploymentAssociationReference	Reports the data that is part of the Natural Key for the Staff Education Organization Employment Association resource : <ul style="list-style-type: none"> • educationOrganizationReference • staffReference • employmentStatusDescriptor • hireDate 	M	N/A	N
educationOrganizationReference	A reference to the related EducationOrganization resource. <ol style="list-style-type: none"> 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
staffReference	Reports the data that is part of the Natural Key for the Staff resource : <ul style="list-style-type: none"> • staffUniqueld 	M	N/A	N
staffClassificationDescriptor	The titles of employment, official status, or rank of education staff. Report the Ed-Fi code mapped to the value selected: <ol style="list-style-type: none"> 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	C P D E D A C C P D A A C

Data Element	Description		Campus Database Field	C L
beginDate	<p>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.</p> <ul style="list-style-type: none"> When reporting from the District Employment record, report the District Employment Start Date When reporting from the District Assignment record, report the District Assignment Start Date 	M	EmploymentAssignment.startDate	C P D A S
positionTitle	<p>The descriptive name of an individual's position.</p> <ol style="list-style-type: none"> When reporting from the District Employment record, report the name from the District Assignment Code selected When reporting from the District Assignment record, report the name from the Assignment Code selected. 	O	employment.assignmentCode employmentassignment.assignmentCode	C P D E D A C C P D A A C
endDate	<p>The month, day and year of the end or termination date of a staff member's employment, contract or relationship with the LEA.</p> <ol style="list-style-type: none"> When reporting from the District Employment record, report the District Employment End Date <ol style="list-style-type: none"> If NULL, do not report When reporting from the District Assignment record, report the District Assignment End Date <ol style="list-style-type: none"> If NULL, do not report 	O	EmploymentAssignment.endDate	C P D A E
orderOfAssignment	<p>Describes whether the assignment is the staff member's primary assignment, secondary assignment.</p> <p>This element is optional and does not report.</p>	O	N/A	N
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N

Type/Descriptor

[Click here to expand...](#)

The highlighted column indicates the reported value.

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

Staff Classification Descriptors

The District Assignment Code from the District Employment tab and the Assignment Code from the District Assignment tab is a shared Data Dictionary that is an unlocked list that is managed by the districts

To create a new or modify an existing Assignment Code go to System Administration> Custom> Attribute/Dictionary> Definition> Assignment Code

Ed-Fi Code	Ed-Fi Short Description	Ed-Fi Description
Assistant Principal	Assistant Principal	Assistant Principal
Assistant Superintendent	Assistant Superintendent	Assistant Superintendent
Counselor	Counselor	Counselor
Instructional Aide	Instructional Aide	Instructional Aide
Instructional Coordinator	Instructional Coordinator	Instructional Coordinator
LEA Administrator	LEA Administrator	LEA Administrator
LEA Specialist	LEA Specialist	LEA Specialist
LEA System Administrator	LEA System Administrator	LEA System Administrator
Librarians/Media Specialists	Librarians/Media Specialists	Librarians/Media Specialists
Operational Support	Operational Support	Operational Support
Other	Other	Other
Principal	Principal	Principal
School Administrator	School Administrator	School Administrator
School Leader	School Leader	School Leader
School Specialist	School Specialist	School Specialist
State Administrator	State Administrator	State Administrator
Substitute Teacher	Substitute Teacher	Substitute Teacher
Superintendent	Superintendent	Superintendent
Support Services Staff	Support Services Staff	Support Services Staff
Teacher	Teacher	Teacher

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	<p>When a person has a District Employment record and the District Employment > Ed-Fi Org Title's Standard Code = 000</p> <p>OR</p> <p>When a person has a District Assignment record and District Employment > Ed-Fi Org Title is blank or the Standard Code does not = 000</p> <p>Do NOT report a record when the following scenario is true:</p> <ul style="list-style-type: none"> There is no 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 checkboxes are checked, the data will remain and the user will need to use the Delete Tool to remove data.
Put	<p>When any data is edited for the person in the Data Elements fields below.</p> <ul style="list-style-type: none"> When the person's identity record is changed (identificationCodes, repRaceOrders). 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.

Action	Trigger
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. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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 has start and end dates, the following logic will be applied to determine the scope year(s) to report the data to. <ul style="list-style-type: none"> 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.edFid	Census > People > Demographics > E
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 from the person's current identity record is reported.	M	Identity.firstName	Census > People > First Name
middleName	The staff member's legal middle name. The middle name from the person's current identity record is reported.	C	Identity.middleName	Census > People > Middle Name
lastSurname	The staff member's legal last name. The last name from the person's current identity record is reported.	M	Identity.lastName	Census > People > Last Name
generationCodeSuffix	An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III). The suffix from the person's current identity record is reported.	C	Identity.suffix	Census > People > Suffix

Data Element	Description		Campus Database Field	Campus GUI Location
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 > 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 > 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 > 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 C database
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 > Census > People > 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

Data Element	Description			Campus Database Field	Campus GUI Location
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. <ul style="list-style-type: none">Start date must be on or before today's dateEnd 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 >
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
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 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 > E
	electronicMailType	This element reports the Electric Mail mapping listed in the table and section below.	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 > E
	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.	O		
	Staff Identification System Type	M	Person.stateID Person.staffNumber	Census>People>C Local Staff ID Census>People> I Employment> Lic Credentials> Licer
	Assigning Organization Identification Code	O	N/A	N/A
	Identification Code	M	Person.stateID Person.staffNumber	Census > People > Demographics > S ID/Local Staff ID, S

Data Element	Description			Campus Database Field	Campus GUI Location
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
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 > 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 > 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 Phone, Work 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
	textMessageCapabilityIndicator	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 Phone, Work 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
repRaceOrders	An unordered collection of staffREPRaceOrders. This element is an array which reports the following additional data:		O	N/A	N/A
	raceOrderChoiceDescriptor	Always reports a value of 1.	M	N/A	N/A
	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. Report the short description from the Race Type page linked under the Type/Descriptor section below based on the mapping provided.	M	Identity.raceEthnicity RaceEthnicity.raceID	Census> People> Race/Ethnicity

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** :

Ed-Fi Code Value	Short Description	Description
High School Diploma	High School Diploma	High School Diploma
Doctorate	Doctorate	Doctorate
Bachelor's	Bachelor's	Bachelor's
Associate's Degree (two years or more)	Associate's Degree (two years or more)	Associate's Degree (two years or more)
Some College No Degree	Some College No Degree	Some College No Degree
Did Not Graduate High School	Did Not Graduate High School	Did Not Graduate High School
Master's	Master's	Master's

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	<p>When a District Assignment record is created or changed and saved for a staff member.</p> <p>Do NOT report a record if any one of the following scenarios are true:</p> <ul style="list-style-type: none"> 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. 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 checkboxes are checked, the data will remain and the user will need to use the Delete Tool to remove data.
Delete/Insert	When the person's employment assignment record is changed
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
<p>A record will report when a person has a District Assignment or District Employment record that is aligned to a scoped year.</p> <ul style="list-style-type: none"> Report when a staff has an active District Assignment or District Employment record that overlaps with the School year Start and End Dates <ul style="list-style-type: none"> 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
schoolReference	Reports data from the SchoolID field that is part of the natural key for the Schools resource. The following elements are reported: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> staffUniqueld 	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 value of 03 reports. Reports a default value of "Regular Education".	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		
	academicSubjectDescriptor <ul style="list-style-type: none"> Report the Ed-Fi Code from the Department field 		employmentassignment.primaryTeachingArea	Census> People> District Assignments> Primary Teaching Area
gradeLevels	An unordered collection of staffSchoolAssociationGradeLevels. This association indicates the school(s) to which a teacher provides instructional services.	O		
	gradeLevelDescriptor <ul style="list-style-type: none"> Report the Ed-Fi Code from the Grade selected 		employmentassignment.grade	Census> People> District Assignments> Grade Level
_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 Descriptors**:

Code Value	Short Description	Description
Career and Technical Education	Career and Technical Education	Career and Technical Education
Composite	Composite	Composite
Critical Reading	Critical Reading	Critical Reading
English	English	English
English Language Arts	English Language Arts	English Language Arts

Code Value	Short Description	Description
Fine and Performing Arts	Fine and Performing Arts	Fine and Performing Arts
Foreign Language and Literature	Foreign Language and Literature	Foreign Language and Literature
Life and Physical Sciences	Life and Physical Sciences	Life and Physical Sciences
Mathematics	Mathematics	Mathematics
Military Science	Military Science	Military Science
Other	Other	Other
Physical, Health, and Safety Education	Physical, Health, and Safety Education	Physical, Health, and Safety Education
Reading	Reading	Reading
Religious Education and Theology	Religious Education and Theology	Religious Education and Theology
Science	Science	Science
Social Sciences and History	Social Sciences and History	Social Sciences and History
Social Studies	Social Studies	Social Studies
Writing	Writing	Writing

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

Code Value	Short Description	Description
Adult Education	Adult Education	Adult Education
Early Education	Early Education	Early Education
Eighth grade	Eighth grade	Eighth grade
Eleventh grade	Eleventh grade	Eleventh grade
Fifth grade	Fifth grade	Fifth grade
First grade	First grade	First grade
Fourth grade	Fourth grade	Fourth grade
Grade 13	Grade 13	Grade 13
Infant/toddler	Infant/toddler	Infant/toddler
Kindergarten	Kindergarten	Kindergarten
Ninth grade	Ninth grade	Ninth grade
Other	Other	Other
Postsecondary	Postsecondary	Postsecondary
Preschool/Prekindergarten	Preschool/Prekindergarten	Preschool/Prekindergarten
Second grade	Second grade	Second grade
Seventh grade	Seventh grade	Seventh grade
Sixth grade	Sixth grade	Sixth grade
Tenth grade	Tenth grade	Tenth grade
Third grade	Third grade	Third grade
Twelfth grade	Twelfth grade	Twelfth grade
Ungraded	Ungraded	Ungraded

Staff Section Association

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

Object Triggering Logic

► [Click here to expand...](#)

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a staff person is added to a course section on Staff History. <ul style="list-style-type: none"> • Must have a Staff Type of P: Primary Teacher in the Section Staff History table or have a Staff Type of T: Teacher in the Section Staff History table with a Role. • Do not send records if the Calendar Exclude checkbox is checked. • Do not send a record if the Course is marked Inactive or Exclude. • Must have a role with an Ed-Fi code populated to report. • Do not report a record if the Staff does not have an Ed-Fi ID. • Do not report if the course is in a school marked as exclude.
Post	When a Role with an Ed-Fi code is added to an existing teacher on the Staff History Record.
Put	When Start or End dates are modified on the Staff History. If the start or end dates are modified on the District Assignment record, an update will not occur. A resync must be completed to have all the records updated.
Delete	When a staff member is deleted from Staff History.
Delete	When a Role is removed from a Teacher on Staff History.

Scope Year Logic

► [Click here to expand...](#)

This table describes scope year logic of this object.

Logic
Reports for 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 reduces 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 Staff 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	A reference to the related Section resource. Reports: <ul style="list-style-type: none"> • Class Period • Course Offering • Location • School • Unique Section Code • Sequence of Course 	M	N/A	N/A
staffReference	A reference to the related Staff resource. Reports the Staff Unique ID.	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
classroomPositionDescriptor	<p>A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.</p> <ul style="list-style-type: none"> Reports the value from the Ed-Fi Code field from the Role that is selected See attribute dictionary for valid code values Report default value if selected 	M	sectionStaffhistory.role	Scheduling > Courses > Section > Staff History > Role
beginDate	<p>Month, day and year of a teacher's assignment to the section. If blank, defaults to the first day of the first grading period for the section.</p> <p>Report the Staff History Start date if populated. If not populated, look at the District Assignment record for the teacher for that School and report Assignment Start Date if it is on or after the lowest Term Start Date and on or before the highest Term End Date for that section. If the District Assignment Start Date is Prior to the lowest Term Start Date, report the lowest Term Start Date for that section.</p>	M	sectionstaffhistory.startdate employmentassignment.startdate term.startdate	Scheduling > Courses > Course > Section > Staff History > Start Date Census > People > District Assignment > Start Date System Administration > Calendar > Calendar > Terms
endDate	<p>Month, day and year of the last day of a teacher's assignment to the section.</p> <p>NEDM: Ending Date. Reports the Staff History End Date if populated. If not populated, look at the District Assignment record for the teacher for that School and report Assignment End Date if it is on or after the lowest Term Start Date and on or before the highest Term End Date for that section. Otherwise, reports the Term End Date for that section.</p>	O	sectionstaffhistory.enddate employmentassignment.enddate	Scheduling > Courses > Course > Section > Staff History > End Date Census > People > District Assignment > End Date
highlyQualifiedTeacher	<p>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 this section being taught.</p> <p>This is optional and does not report.</p>	O	N/A	N/A

Data Element	Description	Campus Database Field	Campus GUI Location
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 is optional and does not report.	O N/A	N/A
percentageContribution	The percentage of time the teacher is responsible for the 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 **Classroom Position Descriptor**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Teacher of Record	Teacher of Record	Teacher of Record
Assistant Teacher	Assistant Teacher	Assistant Teacher
Support Teacher	Support Teacher	Support Teacher
Substitute Teacher	Substitute Teacher	Substitute Teacher

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	<p>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.</p> <ul style="list-style-type: none"> 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." A post action is done to update the Cumulative Earned Credits field when the Earned Credit field is updated or a new transcript record is added/deleted with a Earned Credit Value that is not null and is greater than 0

Action	Trigger
Post/Put	<p>When a student is given a Diploma Date and Diploma Type:</p> <ul style="list-style-type: none"> Only post for the records in the Scope Year the Diploma Date is associated. If the student already has SAR records from posted Transcript records, update existing records with the Diploma information <ul style="list-style-type: none"> If all of the student's transcript records are deleted, a new SAR will post from the Diploma Record If the student does not have any SAR records from posted Transcript records, create 1 record with the Term Descriptor that is aligned to the Term that the Diploma Date occurs in <ul style="list-style-type: none"> If the Diploma date and/or Diploma Type fields are made NULL, the SAR record will delete
Delete	<p>If records are posted from course transcript records and no Diploma information exists, all 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</p>
Delete	<p>When the State Exclude or No Show checkboxes are checked on the student's enrollment.</p> <p>If these boxes are unchecked, the data will not post. A resync must be completed in order to resend the data.</p>

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.
<p>Records will only post to the SAR records for the year the diploma date occurs in but SAR records will post to all scoped years.</p> <ul style="list-style-type: none"> The Diploma Date must be on or after the school year's start date and on or before the school year's end date defined in the School Years editor. If blank, the default start date of 7/1/xxxx and end date of 6/30/xxxx are 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 Academic Record resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
educationOrganizationReference	A reference to the related EducationOrganization resource. Reports the District Number	M	N/A	N/A
schoolYearTypeReference	A reference to the related SchoolYearType resource. <ul style="list-style-type: none"> Reports the end year for the transcript record being reported. Reports the end year the Diploma Date is aligned to 	M	N/A	N/A
studentReference	Reports the fields that are part of the Natural Key for the Student resource <ul style="list-style-type: none"> studentUniqueld 	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
termDescriptor	<p>The term for the session during the school year. See the Term Descriptor table in the Type/Descriptor section below.</p> <ol style="list-style-type: none"> Report the Ed-Fi code for the value selected in "Ed-Fi Transcript Term Override" field on the transcript. <ol style="list-style-type: none"> If this field is NULL and the record is not posted from a section to determine the associated Term, the record will report an error. When "Ed-Fi Transcript Term Override" field = Null, report the Term Descriptor based on the Course Term Type Override, else Section Term Type Override. <ol style="list-style-type: none"> When both the Course Term and the Section Term Override fields = Null, report the Term Descriptor for the term aligned to the Grading Score for the posted Grade. 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 that the Diploma Date falls in. <ol style="list-style-type: none"> 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. 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	<p>Key for Credit. This is optional and does not report.</p>	O	N/A	N/A
cumulativeEarnedCredit Conversion	<p>Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units. This is optional and does not report.</p>	O	N/A	N/A
cumulativeEarnedCredits	<p>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.</p> <ol style="list-style-type: none"> 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. <ol style="list-style-type: none"> Report '0' if the student does not have any Credits Earned This value will be the same for all Student Academic Records that are being updated, regardless of Term Type or Year. If the student does not have any Course Transcript records and is only reporting from Graduation, this field will be NULL 	O	Calculated value from the earned credit field in the transcriptcredit table	Student Information > General > Transcripts

Data Element	Description		Campus Database Field	Campus GUI Location
cumulativeAttemptedCreditType	Key for Credit This is optional and does not report.	O	N/A	N/A
cumulativeAttemptedCreditConversion	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. 1. Logic reports the Sm total number of credits the student has attempted based on the total number of Credits Attempted the student has in the Transcript Credit table. 2. Report '0' if the student does not have any Attempted Credits Earned 1. This value will be the same for all Student Academic Records that are being updated, regardless of Term Type or Year. 3. If the student does not have any Course Transcript records and is only reporting from Graduation, this field will be NULL	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
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

Data Element	Description		Campus Database Field	Campus GUI Location
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
sessionAttemptedCreditConversion	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. <ul style="list-style-type: none"> • Reports when a student is given a Diploma Date and Diploma Type on their Graduation Record • Only report in the Scope Year the Diploma Dates falls • This value will be the same for all Student Academic Records that are being updated, regardless of Term Type 	O	N/A	N/A

Data Element	Description			Campus Database Field	Campus GUI Location
	Diploma Type	The type of diploma/credential that is awarded to a student in recognition of his/her completion of the curricular requirements. <ul style="list-style-type: none"> Report the Ed-Fi Code for the Diploma Type selected 	M	Student Information> General> Graduation	Graduation. diplomaType
	Diploma Date	The month, day, and year on which the student met graduation requirements and was awarded a diploma. Reports the Diploma Date	M	N/A	N/A
	achievementCategory Descriptor	This descriptor defines the category of achievement attributed to the learner. <ul style="list-style-type: none"> Report 'Regular diploma' when Diploma Type is = 01: Regular Diploma Report 'Other' when Diploma Type is = 02: Other Credential 	M	Student Information > General > Graduation > Diploma Type	Graduation. diplomaType
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 **Diploma Type**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Regular diploma	Regular diploma	Regular diploma
Regents diploma	Regents diploma	Regents diploma
Post graduate certificate (grade 13)	Post graduate certificate (grade 13)	Post graduate certificate (grade 13)
Other diploma	Other diploma	Other diploma
Other	Other	Other
Occupational License	Occupational License	Occupational License
Modified diploma	Modified diploma	Modified diploma
International Baccalaureate	International Baccalaureate	International Baccalaureate
Industry-recognized Certification	Industry-recognized Certification	Industry-recognized Certification
High school equivalency credential, other than GED	High school equivalency credential, other than GED	High school equivalency credential, other than GED
General Educational Development (GED) credential	General Educational Development (GED) credential	General Educational Development (GED) credential
Endorsed/advanced diploma	Endorsed/advanced diploma	Endorsed/advanced diploma
Certificate of completion	Certificate of completion	Certificate of completion
Certificate of attendance	Certificate of attendance	Certificate of attendance
Career and Technical Education certificate	Career and Technical Education certificate	Career and Technical Education certificate
Apprenticeship Certificate	Apprenticeship Certificate	Apprenticeship Certificate
Alternative credential	Alternative credential	Alternative credential

This table describes the Ed-Fi Value mapped and reported for **Achievement Category Descriptors**

Code Value	Short Description	Description
Certificate Earned	Certificate Earned	Certificate Earned
Competency Retained	Competency Retained	Competency Retained
Level Completed	Level Completed	Level Completed
License Earned	License Earned	License Earned
Non-Academic Honor	Non-Academic Honor	Non-Academic Honor
Competency Mastered	Competency Mastered	Competency Mastered
Diploma Earned	Diploma Earned	Diploma Earned
Course Completed	Course Completed	Course Completed
License Endorsement Earned	License Endorsement Earned	License Endorsement Earned
Participation	Participation	Participation
Recognition	Recognition	Recognition

Student Cohort Associations

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
--------	---------

Action	Trigger
Post	When a Student is assigned to a Program that is reported as a Cohort and the record overlaps an enrollment with a valid Student School Association in the current scoped year
	The Cohort can only be created from Program Admin> Programs> Programs tab
Put	The end date is updated on the Student's Programs tab
Delete/Post	If 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	If the Program Participation record is Deleted

Object Data Elements

► [Click here to expand...](#)

This table describes data elements sent within the Student 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	Reports the Natural Key of the Cohort resource	M	N/A	N/A
studentreference	Reports the Natural Key of the Student resource	M	N/A	N/A
beginDate	The month, day, and year on which the Student was first identified as part of the Cohort. <ul style="list-style-type: none"> Reports the Start Date the student is 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. <ul style="list-style-type: none"> Reports the End Date the student is ended from the Cohort 	O	programparticipation.enddate	Student Information> Program Participation> Programs> End Date
sections	An unordered collection of studentCohortAssociationSections. The cohort representing the subdivision of students within one or more sections. For example, a group of students may be given additional instruction and tracked as a cohort This field is optional and does not report.	O	N/A	N/A

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" <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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 Discipline Incident resource. The following elements are reported: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> studentUniqueld 	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 <ul style="list-style-type: none"> If the student has more than one role with different Ed-Fi Code values, the last one to sync wins 	M	BehaviorEvent.role	Behavior > Behavior Management > Participant Details > Role

Data Element	Description		Campus Database Field	Campus GUI Location
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. 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.	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**:

Campus Role	Ed-Fi Short Description	Ed-Fi Description
Victim	Victim	Victim
Offender	Perpetrator	Perpetrator
Witness	Witness	Witness
Reporter	Reporter	Reporter

Student Education Organization Association

This association indicates any relationship between a student and an education organization other than however the state views enrollment. Enrollment relationship semantics are covered by Student School Association.

Object Triggering Logic

[Click here to expand...](#)

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When an enrollment is saved with Resident District field populated and/or Serving District field = NULL. <ul style="list-style-type: none"> A separate record posts for each unique District Number that is posted in the Resident and Serving District fields. Default values are used if populated on the attributes. 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 State Exclude. Do not send a record if enrollment is in a school marked as Exclude.
Delete/Insert	When an enrollment Serving or Resident District is changed on an existing enrollment. <ul style="list-style-type: none"> If both Resident and Serving districts have the same District Number and one is changed to a different District Number, the original record should remain and a new record is posted. If both Resident and Serving districts have the same District Number and both are changed to a different District Numbers, the original record(s) will delete and new record(s) are posted.

Action	Trigger
Post	When an enrollment start date is changed on an existing enrollment. <ul style="list-style-type: none"> When a student has more than 1 Resident District record, only post for the Resident District Record tied to the enrollment record If a student has more than 1 Resident District record, the end date will need to be populated with an end date
Put	When the start date for an enrollment is changed.
Delete	When an enrollment resident district is changed to NULL on an existing enrollment and a serving district with the same key (District Number) does not exist.
Delete	When an enrollment serving district is changed to NULL on an existing enrollment and a resident district with the same key (District Number) does not exist.
Delete	When the enrollment is deleted.

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 Education Organization Association resource.

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
educationOrganizationReference	A reference to the related EducationOrganization resource. <ul style="list-style-type: none"> Reports the Resident District if NOT NULL. Reports the Serving District if NOT NULL. 	M	Enrollment. residentDistrict Enrollment. servingDistrict	Student Information General > Enrollments > Resident District Student Information General > Enrollments > Resident District
studentReference	Reports the fields that are part of the Natural Key for the Student resource : <ul style="list-style-type: none"> studentUniqueld 	M	N/A	N/A
responsibilityDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. <ul style="list-style-type: none"> If the Resident and Serving District are the same as the reporting district, report 'Funding' If reporting a record from the Resident District field, report 'Accountability' If reporting a record from the Serving District field, report 'Funding' 	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 **Responsibility Descriptor**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Accountability	Accountability	Accountability
Attendance	Attendance	Attendance
Funding	Funding	Funding
Graduation	Graduation	Graduation
Individualized Education Program	Individualized Education Program	Individualized Education Program
Transportation	Transportation	Transportation

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	<p>When the Guardian checkbox is marked on the Relationships tab.</p> <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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 does not send if the student they are associated with has an enrollment marked as a no show, is marked as state exclude, or is in a calendar marked as Exclude.
Put	When the relationship type is changed.
Delete	<p>When the Guardian checkbox is unchecked, relationship is end dated or deleted.</p> <ul style="list-style-type: none"> 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	<p>Records delete when a student has only 1 Student School Association record for a specific School and Year that record is deleted for.</p> <p>If a new Student School Association record is created, existing records will not re-post, a resync must be completed to resend the data</p>
Delete	<p>When the State Exclude or No Show checkboxes are marked.</p> <p>if the boxes are unchecked the data will not re-post, a resync must be completed to resend the data</p>

Scope Year Logic

► [Click here to expand...](#)

This table describes scope year logic of this object.

Logic
<p>A record will report when they are a guardian to a student with an enrollment aligned to a scoped year.</p> <ul style="list-style-type: none"> 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.
<p>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:</p> <ul style="list-style-type: none"> 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 (start date would have to be on or prior to the scope year). 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	<p>Reports the fields that are part of the Natural Key for the Parents resource:</p> <ul style="list-style-type: none"> parentUniqueld 	M	N/A	N/A
studentReference	<p>Reports the fields that are part of the Natural Key for the Student resource:</p> <ul style="list-style-type: none"> studentUniqueld 	M	N/A	N/A
relationType	<p>The nature of an individual's relationship to a student; for example: Father/Mother, Step Father/Step Mother, Foster Father/Foster Mother, Guardian.</p> <ul style="list-style-type: none"> Reports the Ed-Fi Code from the Ed-Fi Relation Type field that is mapped on the Relationship Type editor for the Relationship selected in the droplist on the Relationships tab If there is no mapped value and the Name in the Relationship droplist matches the Short Description of a Relation Type it sends that value. If no match is found or Ed-Fi Relation Type is NULL, send 'Unknown' <p>See the Relationship Type table in the section below for the Ed-Fi value that is reported.</p>	O	RelatedPair.name	Census > People > Relationships > Relationship
primaryContactStatus	<p>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.</p>	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. <ul style="list-style-type: none"> 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
emergencyContactStatus	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 Code Value	Ed-Fi Short Description	Ed-Fi Description
Aunt	Aunt	Aunt
Brother	Brother	Brother
BrotherInLaw	BrotherInLaw	BrotherInLaw
CourtAppointedGuardian	CourtAppointedGuardian	CourtAppointedGuardian
Cousin	Cousin	Cousin
Daughter	Daughter	Daughter
DaughterInLaw	DaughterInLaw	DaughterInLaw
Employer	Employer	Employer
Father	Father	Father
Father, step	Father, step	Father, step
FathersSignificantOther	FathersSignificantOther	FathersSignificantOther
FathersCivilPartner	FathersCivilPartner	FathersCivilPartner
FatherInLaw	FatherInLaw	FatherInLaw
Fiance	Fiance	Fiance
Fiancee	Fiancee	Fiancee
Foster parent	Foster parent	Foster parent

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

Student Program Association

This association represents the Program(s) that a student participates in or is served by. A student may have multiple records; one for each program they participate in.

Object Triggering Logic

[Click here to expand...](#)

This table describes logic for triggering syncing of this object.

#	Action	Trigger
R1	Post	When a student has a EL Program Status = EL and the record overlaps an enrollment with a valid Student School Association in the current scoped year
R2	Post	When a Flag is created and the 'Name' matches an Ed-FI Program Type and the record overlaps an enrollment with a valid Student School Association in the current scoped year
R2.BR1		Do not create a record when the Flag Name is = Title I Part A or Special Education
R3	Put	When either the student is given an EL Exit Date or an End Date on a reported Flag
R4	Delete/Post	When part of the records Natural Key changes
R4.BR1		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
R5	Delete	When a student's EL record is deleted or when the record no longer overlaps any reported enrollment in the Scoped Year
R6	Delete	When a Flag is deleted or when the record no longer overlaps any reported enrollment in the Scoped Year

Scope Year Logic

► [Click here to expand...](#)

This table describes scope year logic of this object.

Logic
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	Description		Campus Database Field	Campus GUI Interface
id	The unique identifier of the resource.	M	N/A	N/A
educationOrganizationReference	A reference to the related EducationOrganization resource. Reports the state school number that is aligned to the student's enrollment. Reports enrollments in Primary, Partial, Special Ed order.	M	School.number	System Administration > Resources > School > State School Number
programReference	A reference to the related Program resource. Reports EL Program Reference.	M	N/A	N/A
studentReference	A reference to the related Student resource. Reports the studentUniqueld from the Student Resource.	M	N/A	N/A
beginDate	The month, day, and year on which the Student first received services. <ul style="list-style-type: none"> Report the Identified Date when reporting from EL Report the Start Date when reporting from Flags 	M	Lep.identifiedDate OR programparticipation.startdate	Student Information> English Learners> Identified Date OR Student Information> General> Flags> Start Date
endDate	The month, day, and year on which the Student exited the Program or stopped receiving services. <ul style="list-style-type: none"> Report the Exit Date when reporting from EL Else, report the End Date when reporting from Flags 	O	Lep.exitDate OR programparticipation.enddate	Student Information> English Learners> Exit Date OR Student Information> General> Flags> End Date
reasonedExitedDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table This field is optional and does not report.	O	N/A	N/A

Data Element	Description	Campus Database Field	Campus GUI Interface
servedOutsideOf regularSession	Indicates whether the student received services during the summer session or between sessions. This field is optional and does not report.	O N/A	N/A
enrollmentStatus	This field is optional and does not report.	O N/A	N/A
services	An unordered collection of studentProgramAssociationServices. Indicates the services being provided to the student by the program. This field is an array. See below for more information. This field is optional and does not report.	O N/A	N/A

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
Post	<p>When a new enrollment is saved for a student or the No Show or State Exclude checkbox is unchecked.</p> <ul style="list-style-type: none"> Do not post a record when the No Show or State Exclude checkbox is marked before the initial save. 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: <ol style="list-style-type: none"> P: Primary Enrollment S: Partial/Ancillary 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 checkbox is marked in the calendar the student is enrolled. Do not send records if the School Exclude checkbox is marked in the calendar the student is enrolled.
Post	<p>When the start date for an enrollment is changed.</p> <ul style="list-style-type: none"> When an enrollment with a lower priority is changed, data will not send.
Put	<p>When an enrollment is updated for a student.</p> <ul style="list-style-type: none"> enrollmentPercent districtResidencyStatusAsOfDate districtResidencyStatusDescriptor
Put	<p>When a change is made to the Graduation > NCLB Cohort End Year field.</p>
Put	<p>When a student is assigned to a Graduation or CTE Program or the start and/or end dates are modified.</p>
Delete	<p>When an enrollment is deleted or the No Show or the State Exclude checkboxes are marked.</p> <ul style="list-style-type: none"> When a student has two enrollments in the same school for the same start date, records with lower priority will not trigger a delete.
Delete	<p>When the start date of an enrollment is changed</p>

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
graduationPlanReference	<p>A reference to the related GraduationPlan resource.</p> <ol style="list-style-type: none"> 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 <ol style="list-style-type: none"> The Program must overlap the enrollments that are aligned to the Student School Association record being reported. Program Start Date must be on or before today's date to report. Program End Date must be null or after today's date to report. <ol style="list-style-type: none"> If an end date is added in the current scoped year, delete the reference. Report the Graduation Plan School year that is aligned to the student's NCLB Cohort End Year. <ol style="list-style-type: none"> If the student does not have an NCLB Cohort End Year, do not report a record. If the student has both a CTE and Graduation Plan, report the Graduation Plan. If the student has more than one Graduation Plan, report the plan with the most recent start date. 	O	N/A	Student Information > Academic Planning > Programs
schoolReference	<p>Reports the fields that are part of the Natural Key for the School resource:</p> <ul style="list-style-type: none"> schoolReference studentReference entryDate 	M	N/A	N/A
classOfSchoolYearTypeReference	<p>The year the student is expected to graduate. Report only for students with an enrollment in grade 9-12:</p> <ol style="list-style-type: none"> Populate the year selected in Student Info > General > Graduation > NCLB Cohort End Year. When NCLB Cohort End Year = Null, do not report. 	C	Graduation.gradYear	Student Information > General > Graduation

Data Element	Description		Campus Database Field	Campus GUI Location
schoolYearType Reference	The school year the student is being reported in. <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> studentUniqueld 	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. <ul style="list-style-type: none"> Report the Ed-Fi Code if populated in the State Grade Level Code attribute If Ed-Fi Code is NULL, report the state grade level code If a match cannot be found, an error will appear in the Error Log 	M	Enrollment.grade	Student Information > General > Enrollments > Grade
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	
entryTypeDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. Reports the Ed-Fi Code Value from the Start Status selected. If blank, does not report. 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. Look at the student's last enrollment record prior to the enrollment that is reporting and report the following: <ul style="list-style-type: none"> Report 'True' if End Action is = R: Retain Report 'False' if the End Action = P: Promote, D: Detain or NULL <ul style="list-style-type: none"> The prior enrollments start date must be before the reporting enrollment's start date. 	O	enrollment.endAction	Student Information> General> Enrollments> End Action

Data Element	Description		Campus Database Field	Campus GUI Location
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. 1. Reports 'True' when the School Choice field is set to Yes 2. Reports 'False' when the School Choice field is set to No	O	enrollment. stateFundingCode	Student Information> General> Enrollments> School Choice
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	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. Reports the Ed-Fi Code Value from the End Status selected. 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. <ul style="list-style-type: none"> Report 'Resident of admin unit and school area' if the Resident and Serving District fields are either NULL or = to the reporting district <ul style="list-style-type: none"> This can be any combination of NULL or populated (ex. Serving District can be NULL and Resident District = to reporting District) Report 'Resident of administrative unit, but of other school attendance area' when the Serving District is not = to Reporting District 	O	enrollment.residentdistrict and/or enrollment.servingdistrict	Student Information> General> Enrollments
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; otherwise, reports False.	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

Data Element	Description		Campus Database Field	Campus GUI Location
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**:

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Transfer	Transfer	Transfer
Re-entry	Re-entry	Re-entry
Next year school	Next year school	Next year school
New to education system	New to education system	New to education system
Other	Other	Other

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

Code Value	Short Description	Description
Completed	Completed	Completed
Incarcerated	Incarcerated	Incarcerated
Dropout	Dropout	Dropout
Expelled	Expelled	Expelled
Died or is permanently incapacitated	Died or is permanently incapacitated	Died or is permanently incapacitated
Invalid enrollment	Invalid enrollment	Invalid enrollment
End of school year	End of school year	End of school year
Graduated	Graduated	Graduated
Enrolled in a high school diploma program	Enrolled in a high school diploma program	Enrolled in a high school diploma program
Involuntarily Removed	Involuntarily Removed	Involuntarily Removed
No show	No show	No show
Other	Other	Other
Reached maximum age	Reached maximum age	Reached maximum age
Transferred	Transferred	Transferred
Withdrawn	Withdrawn	Withdrawn

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
--------	---------

Action	Trigger
Post	<p>When a new attendance event is verified for a student and is marked Excused Absent, Unexcused Absent or Tardy</p> <ul style="list-style-type: none"> 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. Do not send records if attendance records are associated with a School when the Exclude checkbox is checked.
Put	<p>N/A - only deletes and posts are sent for this Resource.</p> <ul style="list-style-type: none"> 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 not allow updates in Ed-Fi.
Delete	Delete attendance record if all attendance is removed for the day and determined present minutes or present periods is 50% or more. MSDS Attendance Model for the day will need to be referenced.
Delete	When an enrollment is deleted or the No Show or State Exclude checkboxes 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:	M	N/A	N/A
sessionReference	<p>Reports the fields that are part of the Natural Key for the Sessions resource:</p> <ul style="list-style-type: none"> id schoolReference schoolYearTypeReference termType name <p>Only report the Term Type from the Terms tab that is associated with the date and term schedule the attendance is being reported for.</p>	M	N/A	N/A
studentReference	<p>Reports the fields that are part of the Natural Key for the Student resource:</p> <ul style="list-style-type: none"> studentUniqueld 	M	N/A	N/A
eventDate	Date for this attendance event.	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
attendanceEvent CategoryDescriptor	Report the Ed-Fi Code from the Attendance Event Category Descriptor page below based when the student has an attendance record with the following attendance status and excuse: <ul style="list-style-type: none"> • Reports when a student has a verified attendance mark <ul style="list-style-type: none"> ◦ Report 'Excused Absence' when Absent Minutes is > 0 and Unexcused is > 0 ◦ Report 'Unexcused Absence' when Absent Minutes is > 0 and Unexcused is = 0 ◦ Report 'Tardy' when value in Tardy is = 1 and Absence Minutes = 0 	M	v_AttDailyDetail.unexcused v_AttDailyDetail.tardies	N/A
attendanceEventReason	The reported reason for a student's absence. <ul style="list-style-type: none"> • Report the first 40 characters from the Comments entered in the Attendance being reported for that day <ul style="list-style-type: none"> ◦ If more than 40 characters exist, add to indicate additional text not shown ◦ If there is more than 1 comment entered for that day, report the comment from the last period that contains a comment. 	O	attendance.comments	N/A
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...](#)

The highlighted column indicates the reported value.

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
Unexcused Absence	Unexcused Absence	Unexcused Absence
Excused Absence	Excused Absence	Excused Absence
Tardy	Tardy	Tardy

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. <ul style="list-style-type: none"> • A record reports for each Section record that is reported based on the Sections logic. • 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 scheduled and is not marked as No Show or State Exclude. • Do not send records if the Calendar Exclude checkbox is marked. • Do not send records if the School Exclude checkbox is marked. • Do not send records if the Course is marked as Inactive or Exclude.
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. <ul style="list-style-type: none"> • Update when the course or section's 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 the Term Start date of future records.
Delete	Delete the record if a student's roster start date is changed.

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.
Future Years data will be suppressed until the Active Year is changed: <ul style="list-style-type: none"> • This allows the Schedule Wizard to be used and reduces 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 : <ul style="list-style-type: none"> • 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 : <ul style="list-style-type: none"> • studentUniqueld 	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
beginDate	<p>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:</p> <ul style="list-style-type: none"> Report the roster start date for the term record in which the start date occurs <ul style="list-style-type: none"> For any records in the future terms for that course, use the term start date If Start Date is NULL, report the term start date based on the section schedule placement for the record for that term/section combination 	M	Enrollment.startDate Terms.startDate	Student Information > General > Enrollments > Start Date OR System Administration > Calendar > Calendar > Terms
endDate	<p>Month, day, and year of the withdrawal or exit of the student from the section. Logic reports based on the following:</p> <ul style="list-style-type: none"> Report the roster end date for the student <ul style="list-style-type: none"> If a roster end date is entered, delete any records for future terms for that section If NULL, date based on the section schedule placement for the record for that term/section combination 	O	Roster.endDate Terms.endDate	Student Information > General > Schedule > Roster End Date OR System Administration > Calendar > Calendar > Terms
homeroomIndicator	<p>Indicator that the class is the student's designated homeroom used for daily attendance reporting.</p> <ul style="list-style-type: none"> 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	<p>An indication as to whether a student has previously taken a given course.</p> <p>This element is currently not reported or collected.</p>	O	N/A	N/A
teacherStudent DataLinkExclusion	<p>Indicates that the student-section combination is excluded from calculation of value-added or growth attribution calculations used for a particular teacher evaluation.</p> <p>This element is currently not reported or collected.</p>	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	<p>When a new attendance event is verified for a student in a course section.</p> <ul style="list-style-type: none"> 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 checkbox 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	<p>N/A - only deletes and posts are sent for this Resource.</p> <ul style="list-style-type: none"> 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 not 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 checkboxes 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
<p>Attendance will send to the scope year for the school year the attendance dates are associated with based on the student's enrollment.</p> <ul style="list-style-type: none"> Data 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
attendanceEventCategoryDescriptor	<p>Key for AttendanceEventCategoryType.</p> <p>Reports when a student has a verified attendance mark for a course section</p> <ul style="list-style-type: none"> Report 'Excused Absence' when status = A and Excuse = E Report 'Unexcused Absence' when status = A and Excuse = U Report 'Tardy' when status = T and Excuse is = E or U 	M	N/A	N/A

Data Element	Description		Campus Database Field	Campus GUI Location
attendanceEventReason	<p>The reported reason for a student's absence</p> <ul style="list-style-type: none"> Report the first 40 characters from the Comments entered in the Attendance record being reported <ul style="list-style-type: none"> If more than 40 characters exist, add to indicate additional text not shown If there are comments in more than 1 record for the section (multiple periods), report the comment from the last period that updated the attendance record 	O	N/A	N/A
educationalEnvironmentType	<p>Key for EducationalEnvironment</p> <p>This element is optional and does not report.</p>	O	N/A	N/A
etag	<p>A unique system-generated value that identifies the version of the resource</p> <p>This element is optional and does not report.</p>	O	N/A	N/A

Type/Descriptors

[Click here to expand...](#)

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

Code Value	Short Description	Description
Excused Absence	Excused Absence	Excused Absence
Unexcused Absence	Unexcused Absence	Unexcused Absence
Tardy	Tardy	Tardy

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	<p>When an enrollment is created and saved for a person.</p> <ul style="list-style-type: none"> 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 State Exclude. Do not send a record if enrollment is in a school marked as State Exclude.

Action	Trigger
Put	<p>When any student data is edited for the person in the Data Elements fields below.</p> <ul style="list-style-type: none"> When the person's identity record is changed (elements: languages, yearOfEntry, raceAsOfDate, identificationCodes). When one of the person's household locations is changed (element: addressAsOfDate). When one of the person's household memberships is changed. When the person's FRAM Eligibility is changed (elements: schoolFoodServicesEligibilityDate, economicDisadvantaged). 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 EL information is changed (elements: limitedEnglishProficiencyDescriptor).
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
<p>A record will report when an enrollment is created and saved that is aligned to a scoped year.</p> <ul style="list-style-type: none"> The enrollment must overlap with the scope year to report
<p>Data will only send for the years that have valid configuration.</p>
<p>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.</p> <ul style="list-style-type: none"> 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.
<p>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.</p> <ul style="list-style-type: none"> 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	Collection
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	Person.edFild	Collection
personalTitlePrefix	A prefix used to denote the title, degree, position or seniority of the person.	C	N/A	N/A
	This element is currently not reported or collected.			

Data Element	Description		Campus Database Field	Collection
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	Ce Pe Id Pr Id In Le Na Ce Pe Id Fi
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	Ce Pe Id Pr Id In Le Na Ce Pe Id Mi
lastName	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	Ce Pe Id Pr Id In Le Na Ce Pe Id Na
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	Ce Pe Id Pr Id In Le Ce Pe Id Su
maidenName	The person's maiden name, if applicable. This element is currently not reported or collected.	O	N/A	N/
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: <ul style="list-style-type: none"> Female Male Not Selected (Gender not populated) 	M	Identity.legalGender Identity.gender	Ce Pe Id Pr Id Ge C Pe Id Ge
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	Ce Pe Id Bi

Data Element	Description		Campus Database Field	Category
birthCity	The set of elements that capture relevant data regarding a person's birth, including birth date and place of birth. <ul style="list-style-type: none"> Report the Birth City if populated on the Demographics tab 	O	Identity.birthcity	Ce Pe De Bi
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. <ul style="list-style-type: none"> If blank, look for default value to report Report the Code selected <ul style="list-style-type: none"> 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	Ce Pe Id Bi
birthCountry Descriptor	The name of the country in which an individual was born. <ul style="list-style-type: none"> Determine the Birth Country code from the student's current identity record. <ul style="list-style-type: none"> If blank, look for default value Report when the IC code = Ed-Fi Code <ul style="list-style-type: none"> If the IC Code does not equal an Ed-Fi Code or field is blank with no default value, do not report 	C	Identity.birthCountry	Ce Pe Id Bi
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	Ce Pe Id De 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/
profileThumbnail	File name for the ProfileThumbnail photograph. This element is currently not reported or collected.	O	N/A	N/
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	Ce Pe Id th Hi
oldEthnicityType	No longer reports data.	O	N/A	N/
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. <ul style="list-style-type: none"> Determine the student's Meal eligibility status based on: <ul style="list-style-type: none"> Eligibility Type must = Meal Report 'true' if eligibility is = Free or Reduced Report 'false' if eligibility is = Paid, Non-reimbursable or NULL 	O	PosEligibility.eligibility	FF Eli Eli
schoolFoodServices EligibilityDescriptor	This descriptor defines indications of a student's level of eligibility for breakfast, lunch, snack, supper and milk programs. <ul style="list-style-type: none"> Determine the student's SES or Meal eligibility status based on: <ul style="list-style-type: none"> Eligibility Type must = SES or Meal Report the Ed-Fi code value from the schoolFoodServicesEligibilitytype 	C	PosEligibility.eligibility	FF Eli Eli

Data Element	Description	Campus Database Field	Ca Lo
limitedEnglish ProficiencyDescriptor	<p>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.</p> <ul style="list-style-type: none"> Report 'Limited' when student has a LEP Program Status = 'LEP' and today's date is on or after the Identified Date <ul style="list-style-type: none"> If Identified date is in the future, report 'NotLimited' Report the following when the student has an LEP Program Status = Exited LEP and the LEP Exit Date falls in the monitoring period: <ul style="list-style-type: none"> If the date is =< 1 year from today's date, then report "Limited Monitored 1" If the date is =< 2 years from today's date AND > 1 year from today's date, then report "Limited Monitored 2" Use the logic in S2 of Scope Year Logic to determine prior or future years logic Else, report 'NotLimited' 	O N/A	St In Pr Pa Er Le
displacementStatus	<p>Indicates a state health or weather related event that displaces a group of students, and may require additional funding, educational, or social services.</p> <p>This element is currently not reported or collected.</p>	O N/A	N/
loginId	<p>The login ID for the user; used for security access control interface.</p> <p>This element is currently not reported or collected.</p>	O N/A	N/
citizenshipStatus Type	<p>A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.</p> <p>This element is currently not reported or collected.</p>	O N/A	N/
learningStyle	<p>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.</p> <p>This element is currently not reported or collected.</p>	O N/A	N/
addresses	<p>Reports the student's address(es). Logic reports the most current Primary address that is marked as "Mailing".</p> <ul style="list-style-type: none"> 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 <p>This element is an array that reports the following data:</p>	O HouseholdLocation. mailing HouseholdMember. startDate Householdlocation. startDate	Hc Ac Mi Hc Mi St Hc Ac St
	<p>addressType</p> <p>All addresses will report as 'Home'. This will report the Ed-Fi mapped value in the Address Type table in the section below.</p>	M N/A	N/

Data Element	Description			Campus Database Field	Ca Lo
	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	Ho Ac
	apartmentRoomSuiteNumber	The apartment, room, or suite number of an address.	O	Address.apt	Ho Ac Ap
	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/
	city	The name of the city in which an address is located.	M	Address.city	Ho Ac Ci
	stateAbbreviationType	The abbreviation for the state (within the United States) or outlying area in which an address is located.	M	Address.state	Ho Ac St
	postalCode	The five or nine digit zip code portion of an address.	M	SAddress.zip	Ho Ac Zi
	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/
	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/
	latitude	The geographic latitude of the physical address. This field is optional and does not report.	O	N/A	N/
	longitude	The geographic longitude of the physical address. This field is optional and does not report.	O	N/A	N/
	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/

Data Element	Description			Campus Database Field	Ca Lo
	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/
characteristics	An unordered collection of studentCharacteristics. 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.		O	programparticipation.name	St In: Ge
	descriptor	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. <ul style="list-style-type: none">Report when a student has a Flag that overlaps the enrollment and the Flag Name matches the Short Description of the Student Characteristic Descriptors	M		
	beginDate	The organization code or name assigning the assessment identification code. This element is optional and does not report.	O	N/A	N/
	endDate	A unique number or alphanumeric code assigned to a student by a school, school system, a state, or other agency or entity. This element is optional and does not report.	O	N/A	N/
	designatedBy	The person, organization, or department that designated the characteristic. This element is optional and does not report.	O	N/A	N/
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/

Data Element	Description		Campus Database Field	Ca Lo
disabilities	<p>An unordered collection of studentDisabilities. 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.</p> <ol style="list-style-type: none"> 1. Reports the Ed-Fi Code from the disabilities entered for the student on a locked IEP 2. If blank, does not report 	O	Enrollment.disability1 Enrollment.disability2 Enrollment.disability3 Enrollment.disability3 Enrollment.disability3	St In Ge Er Sp Fi
disabilityDescriptor	<p>This descriptor defines a student's impairment.</p> <ol style="list-style-type: none"> 1. Report the Ed-Fi code from the Disabilities for the student being reported <ol style="list-style-type: none"> 1. The student must have a locked IEP which overlaps <ol style="list-style-type: none"> 1. In the current year: <ol style="list-style-type: none"> 1. the student's enrollment end date 2. Or if NULL, today's date 2. In previous scope years: <ol style="list-style-type: none"> 1. the student's enrollment end date 2. Or if NULL, the last instructional date of the year for previous scope years 2. The IEP must overlap with the student's enrollment record 3. If the student has a Special Education Exit Date that is on or before today's date; <ol style="list-style-type: none"> 1. If the SPED Exit date is on or after the enrollment end date, continue to report disabilities. 2. If the Enrollment has not ended OR the SPED Exit date is before the enrollment end date, do not report a disability 2. If the student has more than 1 disability, report each disability up to 5 disabilities 	M	planstate.disability1 planstate.disability2 planstate.disability3 planstate.disability4 planstate.disability5	Sp De Pl Pr Di Se Di Te Di Fo Di Di

Data Element	Description		Campus Database Field	Calculation
	disabilityDiagnosis	A description of the disability diagnosis. This element is optional and does not report.	O N/A	N/A
	orderOfDisability	The order by severity of student's disabilities: 1 - Primary, 2 - Secondary, 3 - Tertiary, etc. <ul style="list-style-type: none"> Report the order of disability based on the disability being reported from above <ul style="list-style-type: none"> If Primary Disability, report '1' if Secondary Disability, report '2' if Tertiary Disability, report '3' if Fourth Disability, report '4' if Fifth Disability, report '5' 	O N/A	N/A
	disabilityDetermination SourceType	Key for Disability Determination Source Type This element is optional and does not report.	O N/A	N/A
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	Calculation: PersonID > Null
	studentIdentificationSystemType	Reports the short description from the Student Identification Code mapping listed in the table and section below. 1. Reports 'State' if Student State ID = NOT NULL. 2. Reports 'District' if Local Student Number = NOT NULL.	M N/A	N/A
	Assigning Organization Identification Code	The organization code or name assigning the assessment identification code. 1. Reports the District Number where the student is enrolled 2. Report 'State' when reporting the Student State ID 3. .	O N/A	N/A

Data Element	Description			Campus Database Field	Collection
	Identification Code	A unique number or alphanumeric code assigned to a student by a school, school system, a state, or other agency or entity. 1. Report the Student State ID if populated. 2. Report the Local Student Number if populated	M	Person. studentNumber	Ce Pe De > Nu
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/
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/
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/
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	Ce Pe De > Pr La

Data Element	Description			Campus Database Field	Ce Lo
	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. <ul style="list-style-type: none">Report the Code from the Home Primary Language saved on the student's current identity record.<ul style="list-style-type: none">If blank, do not report this fieldIf the code does not match an Ed-Fi code, do not report a recordReport default value if saved on the Attribute and the code matches an Ed-Fi code	M	Identity.homePrimaryLanguage	Ce Pe Id Ho La
	uses	An unordered collection of studentLanguageUses. Language(s) the individual uses to communicate. <ul style="list-style-type: none">If Home Primary Language = NOT NULL, report 'Home language'	O	N/A	N/
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	Ce Pe Id
	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/
	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/
	firstName	A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change.	M	Identity.firstName	Ce Pe Id Fir
	middleName	A secondary name given to an individual at birth, baptism, or during another naming ceremony.	C	Identity.middleName	Ce Pe Id Mi
	lastName	The name borne in common by members of a family.	M	Identity.lastName	Ce Pe Id Na
	generationCodeSuffix	An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III).	C	Identity.suffix	Ce Pe Id Su

Data Element	Description		Campus Database Field	Ce Lo		
programParticipations	<p>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.</p> <p>This element is not collected or reported.</p>	O	N/A	N/		
racess	<p>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.</p> <p>Logic reports based on the following:</p> <ul style="list-style-type: none">Determine the Race/Ethnicity(s) that are checked on the student's current identity record.<ul style="list-style-type: none">Use the Identity Race Ethnicity table to determine all of the checkboxes checked for the students current identity id.Do not report if the person does not have a Race/Ethnicity checked. <p>This element is an array that reports the following data:</p>	O	IdentityRaceEthnicity and Racethnicity.raceld	Ce Pe Id Ra		
	<table><tr><td>raceType</td><td>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.</td></tr></table>	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.raceld	Ce Pe Id Ra
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.					
telephones	<p>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.</p> <ol style="list-style-type: none">Reports the Phone numbers entered in the Personal Contact Information for that person<ol style="list-style-type: none">do not report Phone Number is marked as "Private"If blank, does not reportSee Business Rule S3 in Scope Year logic to determine the eligibility of recordsSee Array section for data logic for each field	O	N/A	N/		
visas	<p>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.</p> <p>This element is currently not reported or collected.</p>	O	N/A	N/		
etag	A unique system-generated value that identifies the version of the resource.	O	N/A	N/		

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**:

Ed-Fi Code	Short Description	Description
Reduced price	Reduced price	Reduced price
Free	Free	Free
Full Price	Full Price	Full Price
Unknown	Unknown	Unknown

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

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Asylee	Asylee	Asylee
Displaced Homemaker	Displaced Homemaker	Displaced Homemaker
Foster Care	Foster Care	Foster Care
Homeless	Homeless	Homeless
Immigrant	Immigrant	Immigrant
Migrant	Migrant	Migrant
Neglected or Delinquent	Neglected or Delinquent	Neglected or Delinquent
Parent in Military	Parent in Military	Parent in Military
Pregnant	Pregnant	Pregnant
Refugee	Refugee	Refugee
Runaway	Runaway	Runaway
Section 504 Handicapped	Section 504 Handicapped	Section 504 Handicapped
Single Parent	Single Parent	Single Parent
Unaccompanied Youth	Unaccompanied Youth	Unaccompanied Youth

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

Code Value	Short Description	Description
Autism Spectrum Disorders	Autism Spectrum Disorders	Autism Spectrum Disorders
Deaf-Blindness	Deaf-Blindness	Deaf-Blindness
Hearing Impairment, including Deafness	Hearing Impairment, including Deafness	Hearing Impairment, including Deafness
Infant/Toddler with a Disability	Infant/Toddler with a Disability	Infant/Toddler with a Disability
Intellectual Disability	Intellectual Disability	Intellectual Disability
Medical condition	Medical condition	Medical condition
Mental impairment	Mental impairment	Mental impairment
Motor impairment	Motor impairment	Motor impairment
Multiple Disabilities	Multiple Disabilities	Multiple disabilities
Orthopedic Impairment	Orthopedic Impairment	Orthopedic Impairment
Other Health Impairment	Other Health Impairment	Other Health Impairment
Other	Other	Other
Physical Disability	Physical Disability	Physical Disability
Preschooler with a Disability	Preschooler with a Disability	Preschooler with a Disability

Code Value	Short Description	Description
Sensory impairment	Sensory impairment	Sensory impairment
Serious Emotional Disability	Serious Emotional Disability	Serious Emotional Disability
Specific Learning Disability	Specific Learning Disability	Specific Learning Disability
Speech or Language Impairment	Speech or Language Impairment	Speech or Language Impairment
Traumatic Brain Injury	Traumatic Brain Injury	Traumatic Brain Injury
Visual Impairment, including Blindness	Visual Impairment, including Blindness	Visual Impairment, including Blindness

Student Special Education Program Association

This association represents the Special Education program(s) that a student participates in or receives services from. The association is an extension of the StudentProgramAssociation particular for Special Education programs.

Object Triggering Data

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Action	Trigger
Post	When an IEP is created and locked and overlaps a student's enrollment with a valid Student School Association in the current scoped year <ul style="list-style-type: none"> A record is not sent for an enrollment that is marked as State Exclude or No Show. A record is not set if the enrollment is in a calendar marked as State Exclude. A record is not sent if the enrollment is in a school marked as State Exclude.
Post	When a new enrollment record is created for a student who has an active IEP <ul style="list-style-type: none"> The enrollment start date must be after the IEP start date. The IEP end date must be null or after the enrollment start date.
Delete/Post	When any part of the natural key is changed. When a SPED entry date is changed.
Delete	When an IEP is deleted.
Delete	When all overlapping enrollments are deleted for a student.
Delete	When an IEP is unlocked.

Scope Year Logic

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This table describes the scope year logic of this object.

Logic
A record will report for each year where an active IEP record exists. <ul style="list-style-type: none"> The IEP Start or End Date must occur within the Scope Year. .When a new, locked IEP is created, the record will post to the school years that the overlapping enrollments are in If the school year start date and end date are null, value of 07/01/XXXX (start date) and 06/30/XXXX (end date) report.

Object Data Elements

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Data Element Labels in bold are part of the Natural Key and are required data elements for Data to send to Ed-Fi

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

Data Element	Description		Campus Database Field
educationOrganizationReference	A reference to the related EducationOrganization resource. Reports the state school number. If the student has multiple enrollments, values report in the following order: <ul style="list-style-type: none"> • Primary • Partial • Special Ed 	M	School.stateSchool Number
programReference	A reference to the related Program resource. Reports the Special Education Program reference.	M	N/A
studentReference	A reference to the related Student resource. Reports the data that is part of the natural key for the student resource.	M	N/A
beginDate	The month, day, and year on which the Student first received services. <ul style="list-style-type: none"> • Report the IEP start date from locked IEP being reported 	M	Plan.startDate
endDate	The month, day, and year on which the Student exited the special education program or stopped receiving services. This field is optional and does not report.	O	N/A
reasonExitedDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. This field is optional and does not report.	O	N/A
servedOutsideofRegularSession	Indicates whether the student received services during the summer session or between sessions. This field is optional and does not report.	O	N/A
specialEducationSettingDescriptor	This descriptor defines the major instructional setting (more than 50 percent of a student's special education program). <ul style="list-style-type: none"> • Reports the Ed-Fi code for the value selected in Special Ed setting 	O	PlanState.specialEdsetting
ideaEligibility	Indicator of the eligibility of the student to receive special education services according to the Individuals with Disabilities Education Act (IDEA). This field is optional and does not report.	O	N/A
specialEducationHoursPerWeek	The number of hours per week for special education instruction and therapy. This field is optional and does not report.	O	N/A
schoolHoursPerWeek	Indicate the total number of hours of instructional time per week for the school that the student attends. This field is optional and does not report.	O	N/A

Data Element	Description	Campus Database Field
multiplyDisabled	Indicates whether the Student receiving special education and related services has been designated as multiply disabled by the admission, review, and dismissal committee as aligned with federal requirements. This field is optional and does not report.	O N/A
medicallyFragile	Indicates whether the Student receiving special education and related services is: <ul style="list-style-type: none"> in the age range of birth to 22 years, and has a serious, ongoing illness or a chronic condition that has lasted or is anticipated to last at least 12 or more months or has required at least one month of hospitalization, and that requires daily, ongoing medical treatments and monitoring by appropriately trained personnel which may include parents or other family members, and requires the routine use of medical device or of assistive technology to compensate for the loss of usefulness of a body function needed to participate in activities of daily living, and lives with ongoing threat to his or her continued well-being. Aligns with federal requirements. This field is optional and does not report.	O N/A
lastEvaluationDate	The date of the last special education evaluation. This field is optional and does not report.	O N/A
iepReviewDate	The date of the last IEP review. This field is optional and does not report.	O N/A
iepBeginDate	Reports the start date of the IEP This field is optional and does not report.	O N/A
iepEndDate	Reports the end date of the IEP This field is optional and does not report.	O N/A
services	An unordered collection of studentProgramAssociationServices. Indicates the services being provided to the student by the program. This field is an array. This field is optional and does not report.	O N/A
serviceProviders	An unordered collection of studentSpecialEducationProgramAssociationServiceProviders. The staff providing Special Education services to the student. This field is an array. This field is optional and does not report.	O N/A

Type/Descriptors

[Click here to expand...](#)

The highlighted column indicates the reported valued.

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

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Correctional Facility	Correctional Facility	Correctional Facility
Homebound/Hospital	Homebound/Hospital	Homebound/Hospital

Ed-Fi Code Value	Ed-Fi Short Description	Ed-Fi Description
Inside reg class between 40% and 79% of the day	Inside reg class between 40% and 79% of the day	Inside reg class between 40% and 79% of the day
Inside regular class 80% or more of the day	Inside regular class 80% or more of the day	Inside regular class 80% or more of the day
Inside regular class less than 40% of the day	Inside regular class less than 40% of the day	Inside regular class less than 40% of the day
Parentally-placed in Private Schools	Parentally-placed in Private Schools	Parentally-placed in Private Schools
Residential Facility	Residential Facility	Residential Facility
Separate School	Separate School	Separate School

Student Title I Part A Program Association

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

Object Triggering Data

[Click here to expand...](#)

Action	Trigger
Post	When a student is given a Flag with the name 'Title I Part A' and the record overlaps an enrollment with a valid Student School Association in the current scoped year 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.
Delete/Post	When any part of the natural key is changed. When Start Date is changed.
Put	When End Date is changed.
Delete	When a Flag is deleted or when the record no longer overlaps any reported enrollment in the Scoped Year

Scope Year Logic

[Click here to expand...](#)

This table describes the scope year logic of this object.

Logic
The record will send to the scope year for the school year the enrollment is associated with

Object Data Elements

[Click here to expand...](#)

Data Element Labels in bold are part of the Natural Key and are required data elements for Data to send to Ed-Fi

Data Element	Description		Campus Database Field	Campus GUI Location
id	The unique identifier of the resource.	M	N/A	N/A
educationOrganizationReference	A reference to the related EducationOrganization resource. <ul style="list-style-type: none"> Report the District Number the enrollment is associated with 	M	N/A	N/A
programReference	A reference to the related Program resource.	M	N/A	N/A

Data Element	Description	Campus Database Field	Campus GUI Location
studentReference	A reference to the related Student resource. Reports the data that is part of the natural key for the student resource.	M N/A	N/A
beginDate	The month, day, and year on which the Student first received services. <ul style="list-style-type: none"> Report the Start Date from the Flag. 	M	Student Information > General > Flags > Start Date
endDate	The month, day, and year on which the Student exited the program or stopped receiving services. <ul style="list-style-type: none"> Report the End Date from the Flag 	O	Student Information > General > Flags > 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 field 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 field is optional and does not report.	O N/A	N/A
titleIParticipantType	An indication of the type of Title I program, if any, in which the student is participating and served: Public Targeted Assistance Program Public Schoolwide Program Private school student participating Local Neglected Program NEDM: Title I Participant <ul style="list-style-type: none"> Report the Ed-Fi Code from the value selected in the Title 1 droplist on School Editor that the reporting enrollment is associated with. <ul style="list-style-type: none"> Use the most recent School record that has an Effective Date on or before today's date. Do not use the record if Effective date is in the future. If the Title 1 field on School is blank or does not have an Ed-Fi Code, report "Local Neglected Program" 		System Administration> Resources> School> Title 1
services	An unordered collection of studentProgramAssociationServices. Indicates the services being provided to the student by the program. This field is an array. This field is optional and does not report.	O N/A	N/A

Type/Descriptors

► [Click here to expand...](#)

The highlighted column indicates the reported value.

This table describes the Ed-Fi Value mapped and reported for **Title 1 Part A Participant Type**

Code Value	Short Description	Description
Public Targeted Assistance Program	Public Targeted Assistance Program	Public Targeted Assistance Program
Public Schoolwide Program	Public Schoolwide Program	Public Schoolwide Program
Private school students participating	Private school students participating	Private school students participating
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 resync on the Schedule Data to verify all sections have a Room number.