Sections (Georgia v3.6.1)

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Tool Search: Ed-Fi

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.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a section is created **OR** When a Section Student Detail record is created with a Course State Code Override that is different than the associated course's State Code. • Do not report a record if the any of the following exclusions are present: ◦ Course is inactive (Active is unchecked) ◦ Course State Exclude ◦ Course State Code is NULL ◦ Calendar Exclude ◦ School Exclude • The section must be scheduled into a term/period (Section Placement) to report. • A record will be posted for each unique term the section is scheduled in. • Section records will exist for **BOTH** the original and override state codes (if entered).
Delete/Post/Put	A DELETE / POST is performed if the data element being altered is part of the resource's natural key. A PUT is otherwise performed. • When the following information is changed on the Course: ◦ State Code ◦ Online Learning ◦ Alt School Code ◦ Alt System Code ◦ Active ◦ State Exclude ◦ Grading Task Credits • When the following information is changed on the Section: ◦ Section ID (New Section) ◦ Section Placement (Terms Offered) ◦ Online Learning (Override) ◦ Immersion Language ◦ Alt School Code ◦ Alt System Code • When the following information is changed on Section Student Detail: ◦ Course State Code Override • When the following information is changed on Staff History: ◦ Staff History ID (New Staff History) ◦ Role •
Delete	• When the terms the section is offered in are changed or removed. • When the section is deleted. • When the Section Student Detail record that has a Course State Code Override is deleted. • When the Course State Code Override on a Section Student Detail record is changed or removed.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.
Delete	If a resource is toggled to 'OFF" after data has sent and an action is performed that would trigger a delete, that data will remain in the ODS until a resync is done.
Resync	If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.
Resync	If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Post/Delete	Natural Key Changes: • If the School ID changes, all data will remain under the old number and a resync will need to be completed to populate data under the new number. The delete tool would need to be used to remove all data from the old School ID.
Post/Delete	If any of the following changes in the Course Offerings resource: • Local Course Code • Session Name
Post/Delete	If the natural key changes all dependent data will delete/post.
Dependent Resources	Staff Section Associations, Student Section Associations, Student Section Attendance Events, Grades.

Scope Year Logic

This table describes scope year logic of this object.

Logic
Sections will report to the configured year to which they are aligned.
Data will only send for years that have valid configuration.

Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Instructional Languages Descriptor	Alternative Instruction Language
Educational Environment Descriptors	Section Distance Learning Provider
Medium of Instruction Descriptors	Section Course Delivery Model Code

Identity Mapping Object Key

This table describes the Resource Preferences of this object.

Campus Object Key	Object Key Data Source
SectionPlacement	sectionID-termID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
section	Post/Put/Delete	The primary table used for sending data for this resource.
course	Put	Educational Environment Descriptor Sequence of Course
gradingTaskCredit	Put	Available Credits

Object Data Elements

This table describes data elements sent within the Sections resource.

Data Element Label	Business Requirement and Business Rules	M, C or O	Data Source GUI Path	Database Field
sectionIdentifier	The local identifier assigned to a section. Reports the **Section ID**.	M	Course > Section	section.sectionID
courseOfferingReference	A reference to the related CourseOffering resource. Reports the fields that are part of the Natural Key for the Course Offering resource.	M	N/A	N/A

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

characteristics	Reports the below data elements in an array:
	- sectionCharacteristicDescriptor
	  - Reports **Y** if:
	    - Section *Online Learning (Override)* is set to "Y: Yes" **OR**
	    - Course *Online Learning* is set to "Y: Yes" **OR**
	    - Course *State Code* has a "3" after the decimal.
	      - Example 10.**3**230000
	  - Reports **N** in all other situations.
		C	Course > Online Learning, State Code
			
			Section > Online Learning (Override)
				Course.distanceCode
				
				Section.distanceCode

availableCredits	Credits or units of value awarded for the completion of a course. Report the result of the following calculation: - Total Credits (from all Grading Tasks on the Course) / Number of Terms the Section occurs.	C	Course > Grading Tasks > Credit	gradingTaskCredit.Credit
classPeriods	The class period during which the Section meets. For all class periods the course is offered in the reporting term, reports the fields that are part of the Natural Key for the Class Periods resource in an array.	M	N/A	N/A
instructionLanguageDescriptor	The primary language of instruction, if omitted English is assumed. - Reports the Ed-Fi Code mapped to the value selected for "Immersion Language". - If "Immersion Language" is NULL, do not report.	C	Section > Immersion Language	Section.immersionLangu

Data Element Label	Business Requirement and Business Rules	M, C or O	Data Source GUI Path	Database Field
alternateEducationOrganizationId	Indicates Concurrent enrollment system • Report if both Alt School Code and Alt System Code are populated on the Section. • If Section is empty, report if both Alt School Code and Alt System Code are populated on Course. • Else, do not report.	C	Course > Alt School Code, Alt System Code Section > Alt School Code, Alt System Code	

sectionName	• Report the **Section Number**
	   ○ If the Section Number is less than 3 digits, 0-pad it from the left to make it 3 digits long.
	   ○ If the Section Number is more than 3 digits, report the last 3 digits.
		M	Section > Number	Section.number

classPeriodNumber	Reports the lowest **Sequence** of the class periods the section is scheduled into. • Example: If the section is scheduled into a class period with the sequence of "5" and "6", it will report "05". • The format for this data element will always be **##**. ○ If the Sequence is "3" in Campus, it should send as "03".	M	Section Information	sectionPlacement.period

Type/Descriptor

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