

GA Ed-Fi Suite v3.6.1, Data Standard v4.0: Student Section Associations

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Summary

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

Object Triggering Logic

Action	Business Rule(s)
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Post	<p>Reports a record when a student is scheduled into a section OR when the student has a Section Student Detail record with a Course State Code Override.</p> <ul style="list-style-type: none">• Do not report a record if the any of the following exclusions are present:<ul style="list-style-type: none">◦ Enrollment State Exclude◦ Enrollment No Show◦ Enrollment Grade Exclude from State Reporting◦ Course is inactive (Active is unchecked)◦ Course State Exclude◦ Course State Code is NULL◦ Calendar Exclude◦ School Exclude• Student Section Association records will exist for ONLY the original or the override state code.<ul style="list-style-type: none">◦ If the Course State Code Override is present on a Section Student Detail record for the student, the Student Section Association records will be posted under that State Code.◦ Otherwise, the associated course's State Code will be used.• A record will report for each unique term the student is rostered into.• The student must have an enrollment in the schedule structure where the student is scheduled to report a record.
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<p>Delete /Post</p> <p>Put</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> • When the following information on the student's Roster is changed: <ul style="list-style-type: none"> ◦ Start Date ◦ End Date • When the following information on the Section Student Detail record is changed: <ul style="list-style-type: none"> ◦ Course State Code Override ◦ Credit Recovery ◦ Work Based Learning Program ◦ EIP Delivery Model ◦ ESOL Delivery Model ◦ Gifted Delivery Model ◦ SPED Delivery Model ◦ IEP Inclusion Type ◦ 90% Attendance • When the following information on the Section is changed: <ul style="list-style-type: none"> ◦ Credit Recovery ◦ Work Based Learning Program ◦ EIP Delivery Model ◦ ESOL Delivery Model ◦ Gifted Delivery Model ◦ SPED Delivery Model • When the following information on the Course is changed: <ul style="list-style-type: none"> ◦ Work Based Learning Program • When the following information on the Staff History is changed: <ul style="list-style-type: none"> ◦ Start Date ◦ End Date ◦ Role
<p>Delete</p>	<ul style="list-style-type: none"> • When the student is removed from the roster entirely. • Delete any future records when the student is given a roster end date. • Delete any past records when the student's roster start date is changed. • When the Course State Code Override on a Section Student Detail record is changed or removed.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Students
- Student School Associations
- Sections

Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- N/A

Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix

Object Data Elements Logic

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✓ / ✗ / EXT)
1	beginDate (date)	<p><i>Month, day, and year of the student's entry or assignment to the section.</i></p> <hr/> <p>Reports the Roster Start Date.</p> <ul style="list-style-type: none"> • If NULL, reports the Term Start Date. 	M	Section	Roster.startDate Term.startDate	✓
2	sectionReference (reference)	<p><i>A reference to the Sections resource associated with the Student Section Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Sections resource.</p>	M	N/A	N/A	✓
3	studentReference (reference)	<p><i>A reference to the Students resource associated with the Student Section Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	M	N/A	N/A	✓

4	endDate (date)	<p><i>Month, day, and year of the withdrawal or exit of the student from the section.</i></p> <hr/> <p>Reports the Roster End Date.</p> <ul style="list-style-type: none"> • If NULL, reports the Term End Date. 	C	Section	<p>Roster.endDate</p> <p>Term.endDate</p>	✔
5	creditRecovery (boolean)	<p><i>Indicates credit recovery</i></p> <hr/> <ul style="list-style-type: none"> • If the student has a Section Student Detail record: <ul style="list-style-type: none"> ◦ Report True if Credit Recovery is set to "Y: Yes" on the Section Student Detail record. ◦ Report False if Credit Recovery is set to "N: No" on the Section Student Detail record. ◦ Look at the Section-level logic below if Credit Recovery is Blank / NULL on the Section Student Detail record. • If the student does NOT have a Section Student Detail record OR Credit Recovery is Blank / NULL on their record: <ul style="list-style-type: none"> ◦ Report True if Credit Recovery is checked on the Section. ◦ Report False if Credit Recovery is NOT checked on the Section. 	M	<p>Section Student Detail</p> <p>Section</p>	<p>SectionStudentDetailValue.value</p> <p>Section.creditRecovery</p>	EXT

6	workBasedLearningProgramDescriptor (<i>string</i>)	<p><i>Indicates Work Based Learning Program</i></p> <hr/> <ul style="list-style-type: none"> • Report the Ed-Fi Code mapped to the value selected for Work Based Learning Program on the Section Student Detail record. • If NULL or not mapped, report the Ed-Fi Code mapped to the value selected for Category of WBL Program - Override on Section. • If NULL or not mapped, report the Ed-Fi Code mapped to the value selected for WBL Course Type on Course. • If NULL or not mapped, do not report. 	C	<p>Section Student Detail</p> <p>Section</p> <p>Course</p>	<p>SectionStudentDetailValue.value</p> <p>Section.wblProgramCategorySec</p> <p>Course.wblCourseType</p>	EXT
7	eipDeliveryModelDescriptor (<i>string</i>)	<p><i>Indicates Eip Delivery Model</i></p> <hr/> <ul style="list-style-type: none"> • Report the Ed-Fi Code mapped to the value selected for EIP Delivery Model on the Section Student Detail record. • If NULL or not mapped, report the Ed-Fi Code mapped to the value selected for EIP Delivery Model on Section. • If NULL or not mapped, do not report. 	C	<p>Section Student Detail</p> <p>Section</p>	<p>SectionStudentDetailValue.value</p> <p>Section.transcriptField7</p>	EXT

8	esolDeliveryModelDescriptor (<i>string</i>)	<p><i>Indicates Esol Delivery Model</i></p> <hr/> <ul style="list-style-type: none"> • Report the Ed-Fi Code mapped to the value selected for ESOL Delivery Model on the Section Student Detail record. • If NULL or not mapped, report the Ed-Fi Code mapped to the value selected for ESOL Delivery Model on Section. • If NULL or not mapped, do not report. 	C	<p>Section Student Detail</p> <p>Section</p>	<p>SectionStudentDetailValue.value</p> <p>CustomSection.value</p>	EXT
9	giftedDeliveryModelDescriptor (<i>string</i>)	<p><i>Indicates Gifted Delivery Model</i></p> <hr/> <ul style="list-style-type: none"> • Report the Ed-Fi Code mapped to the value selected for Gifted Delivery Model on the Section Student Detail record. • If NULL or not mapped, report the Ed-Fi Code mapped to the value selected for Gifted Delivery Model on Section. • If NULL or not mapped, do not report. 	C	<p>Section Student Detail</p> <p>Section</p>	<p>SectionStudentDetailValue.value</p> <p>Section.giftedDelivery</p>	EXT
10	specialEducationDeliveryModelDescriptor (<i>string</i>)	<p><i>Indicates Special Education Delivery Model</i></p> <hr/> <ul style="list-style-type: none"> • Report the Ed-Fi Code mapped to the value selected for SPED Delivery Model on the Section Student Detail record. • If NULL or not mapped, report the Ed-Fi Code mapped to the value selected for SPED Delivery Model on Section. • If NULL or not mapped, do not report. 	C	<p>Section Student Detail</p> <p>Section</p>	<p>SectionStudentDetailValue.value</p> <p>Section.spedDelivery</p>	EXT
11	additionalTeachers (<i>array</i>)	<p><i>An unordered collection of studentSectionAssociationAdditionalTeachers. Collection of Additional Teacher information</i></p> <hr/>	C	N/A	N/A	EXT

Reports the following data elements in an array:

- Reports the fields that are part of the Natural Key for the Staffs resource in the following scenarios (The staff member must be active in Staff History at the same time the student was active in the Roster to report):
 1. The Role selected is "01: Teacher of Record."
 2. The student has an active EL record of Program Status = EL **AND** the Section OR Section Student Detail record has an ESOL Delivery Model value of 01, 02, or 06 **AND** the Role selected is "04: ESOL Teacher"
 3. The student's enrollment has Special Ed Status = Y: Yes OR a value other than Blank/NULL in Area of Exceptionality OR a SPED State Reporting tab record (that overlaps the Roster dates) with a value other than Blank/NULL in Area of Exceptionality **AND** the Role selected is 02 or 07 **AND** Section Student Detail record has a value that is **NOT** 9C for IEP Inclusion Type **AND** the Section OR Section Student Detail record has a value that is **NOT** NULL for SPED Delivery Model

4. If the Course State Code being reported is **##.8#####** **AND** the Role selected is "05: EIP Teacher" **AND** the Section Student Detail record has a value that is **NOT** 04 for EIP Delivery Model (If Section Student Detail record is NULL, check Section)
 5. If the Course State Code being reported is **##.1#####** **AND** the Section OR Section Student Detail record has a value of 07 for SPED Delivery Model **AND** the Role selected is 02, 07, or 08
 6. If the Course State Code being reported is **##.2#####** **AND** the Role selected is "06: Gifted Teacher"
 7. If the Course State Code being reported is **NOT ##.8#####** and **NOT ##.9#####** **AND** the Section Student Detail record has a value of 09 for IEP Inclusion Type **AND** the Role selected is "08: SPED Consult Teacher."
 8. If the Course State Code being reported is .0, .1, .2, .3, or .4 **AND** the Section OR Section Student Detail record has a value of 01 for SPED Delivery Model **AND** the Section Student Detail record has a value of 08 for IEP Inclusion Type **AND** the Role selected is 02, 07, or 08
- The following data elements do not report:
 - staffServiceTypeDescriptor

12	attendance90Percent	<p><i>Indicates Student's 90 Percent Attendance</i></p> <hr/> <ul style="list-style-type: none"> Report True if the most recent Section Student Detail record for the student in the section has 90% Attendance as Y: Yes or YO: Yes - Override. Report False in all other situations. 	M	Student Section Detail	SectionStudentDetailValue.value	EXT
13	attemptStatusDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
14	homeroomIndicator	This is optional, does not report.	O	N/A	N/A	N/A
15	repeatIdentifierDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
16	teacherStudentDataLinkExclusion	This is optional, does not report.	O	N/A	N/A	N/A
17	fteProgramCodeDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
18	iepInclusionTypeDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
19	itinerantTeacherSpecialEducationServices	This is optional, does not report.	O	N/A	N/A	N/A
20	numberParapros	This is optional, does not report.	O	N/A	N/A	N/A
21	receivedSupplementalSpeechServices	This is optional, does not report.	O	N/A	N/A	N/A
22	transportedForSection	This is optional, does not report.	O	N/A	N/A	N/A

Appendix