AZ Ed-Fi Suite v7.1, Data Standard v5.0: Student Program Associations (SY 24-25)

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Summary

This association represents the program(s) that a student participates in or is served by.

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Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Programs
- Schools (Pre-populated)
- Students

Dependent Resources (Downstream)

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

- N/A

Error Log

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

Error Message	Possible Causes / How to Fix
Error code return from Ed-Fi. 409: { "message": "The value supplied for the related 'program' resource does not exist.", "correlationId": "6a964092-0d34-49fe-8e5b-201247ab8ee7" }.	- **Most Likely Cause:** Each calendar year, districts need to communicate with AzEDS on what program(s) they are offering at their district. This is the case for Title 1, Food Service, etc. If you are receiving this error, it is recommended to contact AzEDS to verify that the program exists for your district. - **Alternative Cause:** The programName or programTypeDescriptor we are reporting was changed from one school year to another. We are currently sending the incorrect value. This will require a development change, and it is recommended to contact Campus Support if you believe this is the issue.

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21 CCLC

Object Triggering Logic

21 CCLC Programs are set-up by the district/school and assigned to students in 21st CCLC.

Action	Business Rule(s)

Post	When the student has a *21st CCLC Program* record that overlaps an Enrollment with Local Service Type of *O: Program Only* **AND** The Resident District of the Enrollment must match either (1) the State District Number for the district on the site or (2) one of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.
	
	• Do not report a record if the any of the following exclusions are present:
	  ◦ Enrollment State Exclude
	  ◦ Enrollment No Show
	  ◦ Enrollment Grade Exclude from State Reporting
	  ◦ Calendar Exclude
	  ◦ School Exclude
	  ◦ 21st CCLC Start Date must be on or after Enrollment Start Date to report
	  ◦ 21st CCLC End Date must be either NULL or after Enrollment Start Date to report
	• If there are multiple enrollments of type *O: Program Only*, use the following priority list to determine which one should report:
	  ◦ Earliest End Date (NULL = Earliest)
	  ◦ Lowest Enrollment ID

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Delete /Post
 	
Put
	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.
	
	• When the following information on the student's associated *21st CCLC Program* is changed:
	  ○ 21st CCLC ID (New 21st CCLC Program)
	  ○ Start Date
	  ○ End Date
	  ○ Program
	  ○ Exit Reason
	• When the following information on the student's associated Enrollment changes:
	
	  ○ Enrollment ID (New Enrollment)
	  ○ No Show
	  ○ State Exclude
	  ○ Start Date
	  ○ End Date
	  ○ Resident District
	  ○ Local Service Type

Delete	• When the *21st CCLC Program* Start and End Dates are changed so that they no longer overlap the Enrollment. • When the Enrollment Start and End Dates are changed so that they no longer overlap the *21st CCLC Program*. • When the *21st CCLC Program* is deleted. • When the Enrollment is deleted. • When the student is now excluded in some way.

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.

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	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✅ / ❌ / EXT)
1	**educationOrganizationReference** (*reference*)	*A reference to the Schools resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Schools resource. • educationOrganizationId = **School Entity ID**	M	School Information	School.entityID	✅
2	**programReference** (*reference*)	*A reference to the Programs resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Programs resource. • educationOrganizationId = **District Entity ID** (Override from School Info) ○ If the School Info Override is NULL, reports the **District Entity ID** from District Info. • programName = **21st CCLC** • programTypeDescriptor = **Support Program**	M	N/A	N/A	❌

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3	**studentReference** (*reference*)	*A reference to the Students resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	✓
4	**beginDate** (*date*)	*The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.* Report the 21st CCLC **Start Date**.	M	21st CCLC	TwentyFirstCCLC. startDate	✗
5	endDate (*date*)	*The month, day, and year on which the student exited the program or stopped receiving services.* Report the earliest of the following dates: • 21st CCLC End Date • Enrollment End Date • Last Instructional Day of the calendar associated with the enrollment being reported from	M	21st CCLC Enrollment	TwentyFirstCCLC. endDate Enrollment. endDate	✗

6	reasonExitedDescriptor (*string*)	*The reason the student left the program within a school or district.* Report the Ed-Fi Code mapped to the value selected for 21st CCLC **Exit Reason**. • If NULL or not mapped to an Ed-Fi Code, do not report.	C	21st CCLC	TwentyFirstCCLC. exitReason	❌
7	participationStatus	This is optional, does not report.	O	N/A	N/A	N/A
8	programParticipationStatuses	This is optional, does not report.	O	N/A	N/A	N/A
9	servedOutsideOfRegularSession	This is optional, does not report.	O	N/A	N/A	N/A
10	services	This is optional, does not report.	O	N/A	N/A	N/A

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English Learners (EL)

Object Triggering Logic

English Learners (EL) Programs are set-up by the district/school and assigned to students in English Learners (EL) Services.

Action	Business Rule(s)
Post	When the student has an English Learners (EL) Services record that overlaps an Enrollment in the configured year. • If there are multiple enrollments, use the following priority list to determine which one should report: ○ Local Service Type of Primary ▪ Primary local service types will always report if they are different Start Dates ▪ If the same Start Date, the earliest Enrollment ID will be used. ○ Local Service Type other than Primary ▪ These will only be used if they are the only enrollment in a given timeframe. This means that the Enrollment does not overlap with any other Enrollment from the same school or any other school. • Do not report a record if the any of the following exclusions are present: ○ Enrollment State Exclude ○ Enrollment No Show ○ Enrollment Grade Exclude from State Reporting ○ Enrollment Start Status is *E: NON-SAIS DISTRICT USE ONLY!* ○ Calendar Exclude ○ School Exclude ○ Enrollments with a Local Service Type **OTHER THAN** *P: Primary* or *T: AOI* must have their Resident District match one of the following to report: ▪ The State District Number for the district on the site ▪ One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.

| Delete /Post Put | 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.

• When the following information on the student's associated EL Services record is changed:
   ○ EL Services Record ID (New EL Services record)
   ○ Start Date
   ○ End Date
   ○ Service Type
   ○ Exit Reason
• When the following information on the student's associated Enrollment changes:

   ○ Enrollment ID (New Enrollment)
   ○ No Show
   ○ State Exclude
   ○ Start Date
   ○ End Date
   ○ Local Service Type
   ○ Start Status |
| Delete | • When the EL Services Start and End Dates are changed so that they no longer overlap the Enrollment.
• When the Enrollment Start and End Dates are changed so that they no longer overlap the EL Services record.
• When the EL Services record is deleted.
• When the Enrollment is deleted.
• When the student is now excluded in some way. |

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.

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	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✅ / ❌ / EXT)
1	**educationOrganizationReference** (*reference*)	*A reference to the Schools resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Schools resource. • educationOrganizationId = **School Entity ID**	M	School Information	School.entityID	✅
2	**programReference** (*reference*)	*A reference to the Programs resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Programs resource.	M	English Learners (EL) Services	LepService. lepServiceTypeID	❌

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- educationOrganizationId = **District Entity ID** (Override from School Info)
  - If the School Info Override is NULL, reports the **District Entity ID** from District Info.
- programName = Reports based on the table shown below:

EL Service Type	Reports As:
A1	Structured English Immersion (SEI) Pull-Out Model
A2	Structured English Immersion (SEI) Two-Hour Model
A4	Structured English Immersion (SEI) Newcomer Model
A5	50-50 Dual Language Immersion (DLI) Model
B1	Bilingual with Waiver 1
B2	Bilingual with Waiver 2
B3	Bilingual with Waiver 3
PW	Parent Withdrawn EL

- programTypeDescriptor = **ELL**

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3	**studentReference** (*reference*)	*A reference to the Students resource associated with the Student Program Association being reported.*	M	N/A	N/A	✅
		Reports the fields that are part of the Natural Key for the Students resource.				
4	**beginDate** (*date*)	*The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.*	M	English Learner (EL) Services	LepService. startDate	❌
		Report the latest of the following dates:		Enrollment	Enrollment. startDate	

		• EL Service Start Date
		  ○ Enrollment End Date must be NULL or after EL Service Start Date.
		• Enrollment Start Date
		  ○ EL Service End Date must be NULL or after the Enrollment Start Date.				

		ZZZ Calculation:				

		• If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**:
		  ○ Combine the enrollments into one "reportable" enrollment.
		  ○ The earliest start date of the combined enrollments (Start Date of the "first" enrollment) will be used as the Enrollment Start Date.				

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| 5 | endDate (*date*) | *The month, day, and year on which the student exited the program or stopped receiving services.*

Report the earliest of the following dates:

• EL Service End Date
• Enrollment End Date
• Last Instructional Day of the Calendar

ZZZ Calculation:

• If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**:
  ○ Combine the enrollments into one "reportable" enrollment.
  ○ The latest end date of the combined enrollments (End Date of the "last" enrollment) will be used as the Enrollment End Date.

Notes:

• The reported endDate should never be before the reported startDate. If you encounter a situation where this is occurring, double-check your data. If the data looks good, contact Campus Support. | M | English Learner (EL) Services

Enrollment | LepService. endDate

Enrollment. endDate | ⊗ |

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6	reasonExitedDescriptor (*string*)	*The reason the student left the program within a school or district.* Reports the Ed-Fi Code mapped to the value selected for EL Services **Exit Reason**. • If NULL or not mapped to an Ed-Fi Code, do not report.	C	English Learner (EL) Services	LepService. exitReason	⊗
7	participationStatus	This is optional, does not report.	O	N/A	N/A	N/A
8	programParticipationStatuses	This is optional, does not report.	O	N/A	N/A	N/A
9	servedOutsideOfRegularSession	This is optional, does not report.	O	N/A	N/A	N/A
10	services	This is optional, does not report.	O	N/A	N/A	N/A

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Flags / Programs

Object Triggering Logic

Flags are set-up by the district/school in Flags Setup. *Flags* are assigned to students in Flags. *Programs* are set-up by the district/school in Program Setup. *Programs* are assigned to students in Programs.

Note: Districts should choose **ONE** method (Flags or Programs) and stay consistent. If a program is created in both areas, two records will send.

Action	Business Rule(s)
Post	When the student has a Flag or Program record that overlaps an Enrollment in the configured year. • If there are multiple enrollments, use the following priority list to determine which one should report: ◦ Local Service Type of Primary ▪ Primary local service types will always report if they are different Start Dates ▪ If the same Start Date, the earliest Enrollment ID will be used. ◦ Local Service Type other than Primary ▪ These will only be used if they are the only enrollment in a given timeframe. This means that the Enrollment does not overlap with any other Enrollment from the same school or any other school. • Do not report a record if the any of the following exclusions are present: ◦ Enrollment State Exclude ◦ Enrollment No Show ◦ Enrollment Grade Exclude from State Reporting ◦ Enrollment Start Status is *E: NON-SAIS DISTRICT USE ONLY!* ◦ Calendar Exclude ◦ School Exclude ◦ Enrollments with a Local Service Type **OTHER THAN** *P: Primary* or *T: AOI* must have their Resident District match one of the following to report: ▪ The State District Number for the district on the site ▪ One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.

Delete /Post
 	
Put
	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.
	
	• When the following information on the student's associated Flag record is changed:
	   ○ Flag ID (New Flag record)
	   ○ Start Date
	   ○ End Date
	   ○ State Program Code
	   ○ Exit Reason
	• When the following information on the student's associated Program record is changed:
	   ○ Program ID (New Program record)
	   ○ Start Date
	   ○ End Date
	   ○ State Program Code
	   ○ Exit Reason
	• When the following information on the student's associated Enrollment changes:
	
	   ○ Enrollment ID (New Enrollment)
	   ○ No Show
	   ○ State Exclude
	   ○ Start Date
	   ○ End Date
	   ○ Start Status
	   ○ Local Service Type

Delete	• When the Flag/Program Start and End Dates are changed so that they no longer overlap the Enrollment. • When the Enrollment Start and End Dates are changed so that they no longer overlap the Flag/Program. • When the Flag/Program record is deleted. • When the Enrollment is deleted. • When the student is now excluded in some way.

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.

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	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✅ / ❌ / EXT)
1	**educationOrganizationReference** (*reference*)	*A reference to the Schools resource associated with the Student Program Association being reported.* ⎯⎯⎯ Reports the fields that are part of the Natural Key for the Schools resource. • educationOrganizationId = **School Entity ID**	M	School Information	School.entityID	✅
2	**programReference** (*reference*)	*A reference to the Programs resource associated with the Student Program Association being reported.* ⎯⎯⎯ Reports the fields that are part of the Natural Key for the Programs resource.	M	Flag Setup Program Setup	Program.code	❌

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- educationOrganizationId = **District Entity ID** (Override from School Info)
  - If the School Info Override is NULL, reports the **District Entity ID** from District Info.
- programName = Reports based on the table below:
  -
    -

State Program Code	Reports As
36	36 Johnson-O'Malley Indian Education
CEISB	Coordinated Early Intervening Services- Behavior
CEISM	Coordinated Early Intervening Services- Math
CEISO	Coordinated Early Intervening Services- Other
CEISR	Coordinated Early Intervening Services- Reading

- programTypeDescriptor = **Support Program**

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| 3 | **studentReference** (*reference*) | *A reference to the Students resource associated with the Student Program Association being reported.*

Reports the fields that are part of the Natural Key for the Students resource. | M | N/A | N/A | ✅ |
| 4 | **beginDate** (*date*) | *The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.*

Report the latest of the following dates:

• Flag or Program Start Date
  ○ Enrollment End Date must be NULL or after Flag or Program Start Date.
• Enrollment Start Date
  ○ Flag or Program End Date must be NULL or after the Enrollment Start Date.

ZZZ Calculation:

• If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**:
  ○ Combine the enrollments into one "reportable" enrollment.
  ○ The earliest start date of the combined enrollments (Start Date of the "first" enrollment) will be used as the Enrollment Start Date. | M | Flags

Programs

Enrollment | ProgramParticipation. startDate

Enrollment.startDate | ❌ |

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5	endDate (*date*)	*The month, day, and year on which the student exited the program or stopped receiving services.*	M	Flags Programs	ProgramParticipation. endDate Enrollment.endDate	⊗
		Report the earliest of the following dates: • Flag or Program End Date • Enrollment End Date • Last Instructional Day of the Calendar **ZZZ Calculation:** • If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**: ○ Combine the enrollments into one "reportable" enrollment. ○ The latest end date of the combined enrollments (End Date of the "last" enrollment) will be used as the Enrollment End Date. **Notes:** • The reported endDate should never be before the reported startDate. If you encounter a situation where this is occurring, double-check your data. If the data looks good, contact Campus Support.				

6	reasonExitedDescriptor (*string*)	*The reason the student left the program within a school or district.* Reports the Ed-Fi Code mapped to the value selected for Flag or Program **Exit Reason**. • If NULL or not mapped to an Ed-Fi Code, do not report.	C	Flags Programs	ProgramParticipation. exitReason	✅
7	participationStatus	This is optional, does not report.	O	N/A	N/A	N/A
8	programParticipationStatuses	This is optional, does not report.	O	N/A	N/A	N/A
9	servedOutsideOfRegularSession	This is optional, does not report.	O	N/A	N/A	N/A
10	services	This is optional, does not report.	O	N/A	N/A	N/A

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Gifted and Talented

Object Triggering Logic

Gifted Programs are set-up by the district/school and assigned to students in Gifted.

Action	Business Rule(s)

Post	When the student has a Gifted record that overlaps an Enrollment in the configured year.
	
	• If there are multiple enrollments, use the following priority list to determine which one should report:
	  ○ Local Service Type of Primary
	    ■ Primary local service types will always report if they are different Start Dates
	    ■ If the same Start Date, the earliest Enrollment ID will be used.
	  ○ Local Service Type other than Primary
	    ■ These will only be used if they are the only enrollment in a given timeframe. This means that the Enrollment does not overlap with any other Enrollment from the same school or any other school.
	• Do not report a record if the any of the following exclusions are present:
	  ○ Enrollment State Exclude
	  ○ Enrollment No Show
	  ○ Enrollment Grade Exclude from State Reporting
	  ○ Enrollment Start Status is *E: NON-SAIS DISTRICT USE ONLY!*
	  ○ Calendar Exclude
	  ○ School Exclude
	  ○ Gifted Program has "No Gifted Program" checked
	  ○ Enrollments with a Local Service Type **OTHER THAN** *P: Primary* or *T: AOI* must have their Resident District match one of the following to report:
	    ■ The State District Number for the district on the site
	    ■ One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.

Delete /Post
 	
Put
	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.
	
	• When the following information on the student's associated *Gifted Record* is changed:
	  ◦ Gifted ID (New Gifted Program)
	  ◦ Start Date
	  ◦ End Date
	  ◦ No Gifted Program
	• When the following information on the student's associated Enrollment changes:
	
	  ◦ Enrollment ID (New Enrollment)
	  ◦ No Show
	  ◦ State Exclude
	  ◦ Start Date
	  ◦ End Date
	  ◦ Start Status
	  ◦ Local Service Type

Delete	• When the *Gifted Program* Start and End Dates are changed so that they no longer overlap the Enrollment. • When the Enrollment Start and End Dates are changed so that they no longer overlap the *Gifted Program*. • When the *Gifted Program* is deleted. • When the Enrollment is deleted. • When the student is now excluded in some way.

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.

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	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✅ / ❌ / EXT)
1	**educationOrganizationReference** (*reference*)	*A reference to the Schools resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Schools resource. • educationOrganizationId = **School Entity ID**	M	School Information	School. entityID	✅
2	**programReference** (*reference*)	*A reference to the Programs resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Programs resource. • educationOrganizationId = **District Entity ID** (Override from School Info) 　○ If the School Info Override is NULL, reports the **District Entity ID** from District Info. • programName = **35 Gifted Program** • programTypeDescriptor = **Gifted and Talented**	M	N/A	N/A	❌
3	**studentReference** (*reference*)	*A reference to the Students resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	✅

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4	**beginDate** (*date*)	*The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.*	M	Flags Enrollment	Gifted. startDate Enrollment. startDate	⊗
		Report the latest of the following dates: • Gifted Start Date ○ Enrollment End Date must be NULL or after Gifted Start Date. • Enrollment Start Date ○ Flag or Program End Date must be NULL or after the Enrollment Start Date. **ZZZ Calculation:** • If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**: ○ Combine the enrollments into one "reportable" enrollment. ○ The earliest start date of the combined enrollments (Start Date of the "first" enrollment) will be used as the Enrollment Start Date. **Notes:** • If there are multiple Gifted records that overlap the Enrollment, use the earliest Gifted Start Date of those records.				

5	endDate (*date*)	*The month, day, and year on which the student exited the program or stopped receiving services.*
		
		Report the earliest of the following dates:
		
		• Gifted End Date
		• Enrollment End Date
		• Last Instructional Day of the Calendar
		
		ZZZ Calculation:
		
		• If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**:
		  ○ Combine the enrollments into one "reportable" enrollment.
		  ○ The latest end date of the combined enrollments (End Date of the "last" enrollment) will be used as the Enrollment End Date.
		
		Notes:
		
		• If there are multiple Gifted records that overlap the Enrollment, use the latest Gifted End Date of those records.
		• The reported endDate should never be before the reported startDate. If you encounter a situation where this is occurring, double-check your data. If the data looks good, contact Campus Support.
			M	Flags	Gifted. endDate
					
					Enrollment. endDate
						❌

6	participationStatus	This is optional, does not report.	O	N/A	N/A	N/A
7	programParticipationStatuses	This is optional, does not report.	O	N/A	N/A	N/A

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8	reasonExitedDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
9	servedOutsideOfRegularSession	This is optional, does not report.	O	N/A	N/A	N/A
10	services	This is optional, does not report.	O	N/A	N/A	N/A

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Section 504

Object Triggering Logic

Section 504 Programs are set-up by the district/school and assigned to students in Section 504.

Action	Business Rule(s)
Post	When the student has a Section 504 record that overlaps an Enrollment in the configured year. • If there are multiple enrollments, use the following priority list to determine which one should report: ○ Local Service Type of Primary ■ Primary local service types will always report if they are different Start Dates ■ If the same Start Date, the earliest Enrollment ID will be used. ○ Local Service Type other than Primary ■ These will only be used if they are the only enrollment in a given timeframe. This means that the Enrollment does not overlap with any other Enrollment from the same school or any other school. • Do not report a record if the any of the following exclusions are present: ○ Enrollment State Exclude ○ Enrollment No Show ○ Enrollment Grade Exclude from State Reporting ○ Enrollment Start Status is *E: NON-SAIS DISTRICT USE ONLY!* ○ Calendar Exclude ○ School Exclude ○ No disabilities populated on the Section 504 record ○ Enrollments with a Local Service Type **OTHER THAN** *P: Primary* or *T: AOI* must have their Resident District match one of the following to report: ■ The State District Number for the district on the site ■ One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.

Delete /Post
 	
Put
	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.
	
	• When the following information on the student's associated *Section 504 Record* is changed:
	   ○ Section 504 ID (New Section 504 Program)
	   ○ Start Date
	   ○ End Date
	• When the following information on the student's associated Enrollment changes:
	
	   ○ Enrollment ID (New Enrollment)
	   ○ No Show
	   ○ State Exclude
	   ○ Start Date
	   ○ End Date
	   ○ Start Status
	   ○ Local Service Type

Delete	• When the Section 504 Program Start and End Dates are changed so that they no longer overlap the Enrollment. • When the Enrollment Start and End Dates are changed so that they no longer overlap the Section 504 Program. • When the Section 504 Program is deleted. • When the Enrollment is deleted. • When the student is now excluded in some way.

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)

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1	**educationOrganizationReference** (*reference*)	*A reference to the Schools resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Schools resource. • educationOrganizationId = **School Entity ID**		M	School Information	School. entityID	✅
2	**programReference** (*reference*)	*A reference to the Programs resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Programs resource. • educationOrganizationId = **District Entity ID** (Override from School Info) ○ If the School Info Override is NULL, reports the **District Entity ID** from District Info. • programName = **L Group B Disability services for Students not on an IEP** • programTypeDescriptor = **Special Education**		M	N/A	N/A	❌
3	**studentReference** (*reference*)	*A reference to the Students resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Students resource.		M	N/A	N/A	✅

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| 4 | **beginDate** (*date*) | *The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.*

 Report the latest of the following dates:

 • Section 504 Start Date
 ○ Enrollment End Date must be NULL or after Section 504 Start Date.
 • Enrollment Start Date
 ○ Section 504 End Date must be NULL or after the Enrollment Start Date.

 ZZZ Calculation:

 • If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**:
 ○ Combine the enrollments into one "reportable" enrollment.
 ○ The earliest start date of the combined enrollments (Start Date of the "first" enrollment) will be used as the Enrollment Start Date. | M | Section 504 | Section504. startDate

 Enrollment. startDate | ⊗ |

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5	endDate (*date*)	*The month, day, and year on which the student exited the program or stopped receiving services.*
		
		Report the earliest of the following dates:
		
		• Section 504 End Date
		• Enrollment End Date
		• Last Instructional Day of the Calendar
		
		ZZZ Calculation:
		
		• If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**:
		    ○ Combine the enrollments into one "reportable" enrollment.
		    ○ The latest end date of the combined enrollments (End Date of the "last" enrollment) will be used as the Enrollment End Date.
		
		Notes:
		
		• The reported endDate should never be before the reported startDate. If you encounter a situation where this is occurring, double-check your data. If the data looks good, contact Campus Support.
			C	Section 504	Section504. endDate
					
					Enrollment. endDate
						⊗

6	participationStatus	This is optional, does not report.	O	N/A	N/A	N/A
7	programParticipationStatuses	This is optional, does not report.	O	N/A	N/A	N/A
8	reasonExitedDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
9	servedOutsideOfRegularSession	This is optional, does not report.	O	N/A	N/A	N/A

| 10 | services | This is optional, does not report. | O | N/A | N/A | N/A |

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Title 1 Programs (Schoolwide)

Object Triggering Logic

Title 1 Schoolwide Programs are set-up by the district/school in School Information > School History.

Action	Business Rule(s)

Post	When the school has a School History record that overlaps the configured year with Title 1 set to *Schoolwide Program* and at least one of the following checkboxes checked: Title 1 Math, Title 1 Other, Title 1 Reading, Title 1 Science, Title 1 Social Studies.
	
	• If there are multiple enrollments, use the following priority list to determine which one should report:
	  ○ Local Service Type of Primary
	    ■ Primary local service types will always report if they are different Start Dates
	    ■ If the same Start Date, the earliest Enrollment ID will be used.
	  ○ Local Service Type other than Primary
	    ■ These will only be used if they are the only enrollment in a given timeframe. This means that the Enrollment does not overlap with any other Enrollment from the same school or any other school.
	• Do not report a record if the any of the following exclusions are present:
	  ○ Enrollment State Exclude
	  ○ Enrollment No Show
	  ○ Enrollment Grade Exclude from State Reporting
	  ○ Enrollment Start Status is *E: NON-SAIS DISTRICT USE ONLY!*
	  ○ Calendar Exclude
	  ○ School Exclude
	  ○ Student has a Title 1 Individual record (Individual record reports instead of Schoolwide record)
	  ○ Enrollments with a Local Service Type **OTHER THAN** *P: Primary* or *T: AOI* must have their Resident District match one of the following to report:
	    ■ The State District Number for the district on the site
	    ■ One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.

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Delete /Post
 	
Put
	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.
	
	• When the following information on School History is changed:
	    ○ School History changes **DO NOT TRIGGER**. A manual resync is required on Student Program Associations if Title 1 Schoolwide configurations are changed.
	• When the following information on the student's associated Enrollment changes:
	
	    ○ Enrollment ID (New Enrollment)
	    ○ No Show
	    ○ State Exclude
	    ○ Start Date
	    ○ End Date
	    ○ Start Status
	    ○ Local Service Type

Delete	• When the School History no longer reports a specific Title 1 record (Checkbox is unchecked). • When the School History is deleted. • When the Enrollment is deleted. • When the student is now excluded in some way. • When the student now has an individual Title 1 record that can report.

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)

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1	**educationOrganizationReference** (*reference*)	*A reference to the Schools resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Schools resource. • educationOrganizationId = **School Entity ID**	M	School Information	School. entityID	✅

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2	**programReference** (*reference*)	*A reference to the Programs resource associated with the Student Program Association being reported.*	M	N/A	N/A	✖
		Reports the fields that are part of the Natural Key for the Programs resource. • educationOrganizationId = **District Entity ID** (Override from School Info) ○ If the School Info Override is NULL, reports the **District Entity ID** from District Info. • programName = Reports based on the table below:				

School History Checkbox	Reports As
Title 1 Math	28 Title I Mathematics
Title 1 Other	29 Title I Other
Title 1 Reading	30 Title I Reading
Title 1 Science	31 Title I Science
Title 1 Social Studies	32 Title I Social Studies

• programTypeDescriptor = **Support Program**

3	**studentReference** (*reference*)	*A reference to the Students resource associated with the Student Program Association being reported.*	M	N/A	N/A	✔
		Reports the fields that are part of the Natural Key for the Students resource.				

| 4 | **beginDate** (*date*) | *The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.*

Report the **Enrollment Start Date**.

• Report the future nearest instructional date if the Enrollment Start Date is not an instructional day.
   ○ Example:
      ■ 10/13/2023 is the calculated date. This is not an instructional day.
      ■ 10/14/2023 is not an instructional day.
      ■ 10/15/2023 **IS** an instructional day.
      ■ We would report 10/15/2023.

ZZZ Calculation:

• If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**:
   ○ Combine the enrollments into one "reportable" enrollment.
   ○ The earliest start date of the combined enrollments (Start Date of the "first" enrollment) will be used as the Enrollment Start Date. | M | Enrollment | Enrollment.
startDate | ⊗ |

| 5 | endDate (*date*) | *The month, day, and year on which the student exited the program or stopped receiving services.*

• Report the earliest of the following dates:
  ○ Enrollment End Date
  ○ Last Instructional Day of the Calendar
• Report the past nearest instructional date if the calculated date is not an instructional day.
  ○ Example:
    ▪ 2/13/2023 is the calculated date. This is not an instructional day.
    ▪ 2/12/2023 is not an instructional day.
    ▪ 2/11/2023 **IS** an instructional day.
    ▪ We would report 2/11/2023.

ZZZ Calculation:

• If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**:
  ○ Combine the enrollments into one "reportable" enrollment.
  ○ The latest end date of the combined enrollments (End Date of the "last" enrollment) will be used as the Enrollment End Date.

Notes:

• The reported endDate should never be before the reported startDate. If you encounter a situation where this is occurring, double-check your data. If the data looks good, contact Campus Support. | C | Enrollment | Enrollment.endDate | ❌ |
| 6 | participationStatus | This is optional, does not report. | O | N/A | N/A | N/A |

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7	programParticipationStatuses	This is optional, does not report.	O	N/A	N/A	N/A
8	reasonExitedDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
9	servedOutsideOfRegularSession	This is optional, does not report.	O	N/A	N/A	N/A
10	services	This is optional, does not report.	O	N/A	N/A	N/A

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Title 1 Programs (Individual)

Object Triggering Logic

Title 1 Individual Programs are set-up by the district/school and assigned to the student in Title 1.

Action	Business Rule(s)
Post	When the student has a Title 1 record that overlaps an Enrollment in the configured year. - If the student has an individual Title 1 record in a school that offers a Schoolwide Title 1 program(s), **only the individual Title 1 records will report**. - If there are multiple enrollments, use the following priority list to determine which one should report: - Local Service Type of Primary - Primary local service types will always report if they are different Start Dates - If the same Start Date, the earliest Enrollment ID will be used. - Local Service Type other than Primary - These will only be used if they are the only enrollment in a given timeframe. This means that the Enrollment does not overlap with any other Enrollment from the same school or any other school. - Do not report a record if the any of the following exclusions are present: - Enrollment State Exclude - Enrollment No Show - Enrollment Grade Exclude from State Reporting - Enrollment Start Status is *E: NON-SAIS DISTRICT USE ONLY!* - Calendar Exclude - School Exclude - Enrollments with a Local Service Type **OTHER THAN** *P: Primary* or *T: AOI* must have their Resident District match one of the following to report: - The State District Number for the district on the site - One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.

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Delete /Post Put	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.
	
	• When the following information on the student's associated Title 1 Record is changed:
	  ○ Title 1 Record ID (New Title 1 Record)
	  ○ School
	  ○ Start Date
	  ○ End Date
	  ○ Instructional Services
	• When the following information on the student's associated Enrollment changes:
	
	  ○ Enrollment ID (New Enrollment)
	  ○ No Show
	  ○ State Exclude
	  ○ Start Date
	  ○ End Date
	  ○ Start Status
	  ○ Local Service Type

Delete	• When the Title 1 Program Start and End Dates are changed so that they no longer overlap the Enrollment. • When the Enrollment Start and End Dates are changed so that they no longer overlap the Title 1 Program. • When the Title 1 Program is deleted. • When the Enrollment is deleted. • When the student is now excluded in some way.

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.

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	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✅ / ❌ / EXT)
1	**educationOrganizationReference** (*reference*)	*A reference to the Schools resource associated with the Student Program Association being reported.* Reports the fields that are part of the Natural Key for the Schools resource. • educationOrganizationId = **School Entity ID**	M	School Information	School. entityID	✅

2	**programReference** (*reference*)	*A reference to the Programs resource associated with the Student Program Association being reported.*	M	N/A	N/A	❌

Reports the fields that are part of the Natural Key for the Programs resource.

- educationOrganizationId = **District Entity ID** (Override from School Info)
  - If the School Info Override is NULL, reports the **District Entity ID** from District Info.
- programName = Reports based on the table below:

Instructional Services	Reports As
Title 1 Math	28 Title I Mathematics
Title 1 Other	29 Title I Other
Title 1 Reading	30 Title I Reading
Title 1 Science	31 Title I Science
Title 1 Social Studies	32 Title I Social Studies

- programTypeDescriptor = **Support Program**

3	**studentReference** (*reference*)	*A reference to the Students resource associated with the Student Program Association being reported.*	M	N/A	N/A	✅

Reports the fields that are part of the Natural Key for the Students resource.

| 4 | **beginDate** (*date*) | *The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.*

• Report the latest of the following dates:
  ○ Title I Start Date
  ○ Enrollment Start Date
• Report the future nearest instructional date if the calculated date is not an instructional day.
  ○ Example:
    ■ 10/13/2023 is the calculated date. This is not an instructional day.
    ■ 10/14/2023 is not an instructional day.
    ■ 10/15/2023 **IS** an instructional day.
    ■ We would report 10/15/2023.

ZZZ Calculation:

• If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**:
  ○ Combine the enrollments into one "reportable" enrollment.
  ○ The earliest start date of the combined enrollments (Start Date of the "first" enrollment) will be used as the Enrollment Start Date. | M | Title 1

Enrollment | Title1. startDate

Enrollment. startDate | ⊗ |

| 5 | endDate (*date*) | *The month, day, and year on which the student exited the program or stopped receiving services.*

• Report the earliest of the following dates:
   ○ Title 1 End Date
   ○ Enrollment End Date
   ○ Last Instructional Day of the Calendar
• Report the past nearest instructional date if the calculated date is not an instructional day.
   ○ Example:
     ■ 2/13/2023 is the calculated date. This is not an instructional day.
     ■ 2/12/2023 is not an instructional day.
     ■ 2/11/2023 **IS** an instructional day.
     ■ We would report 2/11/2023.

ZZZ Calculation:

• If there are enrollments connected by an **end status of ZZZ** AND **a subsequent enrollment with a start status of ZZZ**:
   ○ Combine the enrollments into one "reportable" enrollment.
   ○ The latest end date of the combined enrollments (End Date of the "last" enrollment) will be used as the Enrollment End Date.

Notes:

• The reported endDate should never be before the reported startDate. If you encounter a situation where this is occurring, double-check your data. If the data looks good, contact Campus Support. | C | Title 1

Enrollment | Title1.
endDate

Enrollment.
endDate | ❌ |
| 6 | participationStatus | This is optional, does not report. | O | N/A | N/A | N/A |

7	programParticipationStatuses	This is optional, does not report.	O	N/A	N/A	N/A
8	reasonExitedDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
9	servedOutsideOfRegularSession	This is optional, does not report.	O	N/A	N/A	N/A
10	services	This is optional, does not report.	O	N/A	N/A	N/A

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Appendix

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