AZ Ed-Fi Suite v7.3, Data Standard v5.2: Student Special Education Program Associations (SY 25-26)

Table of Contents

Summary

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 Logic

Action	Business Rule(s)

Post	Report a record when a Student has a locked Plan or State Reporting Tab record **AND** an Enrollment in the configured year.

Report a record when a Student has a locked Plan or State Reporting Tab record **AND** an Enrollment in the configured year.

- Plans must match a state specific format.
- A record will report under **BOTH** the Primary SPED Services School and the Secondary SPED Services School.
  - When the Primary SPED Services School is NULL, the Primary School will be determined by finding the "highest priority" Enrollment using the logic below.
- Amendments to Plans are treated as **new records**. We do **NOT** perform a PUT on existing records for Amendments to Plans.
- If there are multiple enrollments within the Primary/Secondary School, 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.
    - The priority order for these Local Service Types are:
      - T: AOI
      - A: Ancillary
      - O: Program Only
- A record is only reported for Plans/State Reporting Tab records and Enrollments in the same School Year as the Ed-Fi Connection sending the record.

- School Year dates are defined in School Year Setup.
  - If Start Date is NULL, 07/01/StartYear will be used.
  - If End Date is NULL, 06/30/EndYear will be used.
- Do not report a record if the any of the following exclusions are present:
  - Enrollment No Show
  - Enrollment State Exclude
  - Enrollment Grade Exclude from State Reporting
  - Enrollment Start Status is *E: NON-SAIS DISTRICT USE ONLY!*
  - Calendar Exclude
  - School Exclude

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 any of the following information is changed on Enrollments:
	   ◦ Enrollment ID (New Enrollment)
	   ◦ Start Date
	   ◦ State Start Status
	   ◦ End Date
	   ◦ State End Status
	   ◦ No Show
	   ◦ Special Ed Setting
	   ◦ Local Service Type
	• When any of the following information is changed on Plans:
	   ◦ Plan ID (New Plan)
	   ◦ Education Plan
	      ▪ IEP Start Date
	      ▪ IEP End Date
	   ◦ Enrollment Status
	      ▪ Primary Disability
	      ▪ Disability 2 through Disability 7
	      ▪ Ancillary Disability 2 through Ancillary Disability 3
	      ▪ Special Ed Status
	      ▪ Funded SPED Service DOR
	      ▪ SPED Special Enrollment Code
	   ◦ Placement and LRE
	      ▪ SPED Concurrency Type
	      ▪ SPED Services School

	• SPED Setting
	• When any of the following information is changed on Evaluations:
	  ○ Evaluation ID (New Evaluation)
	  ○ Evaluation Information
	    ▪ Evaluation Date
	    ▪ Exit Date
	    ▪ Evaluation Type
	  ○ Outcomes
	    ▪ Positive social-emotional skills (including social relationships) outcomes summary:
	    ▪ Acquisition and use of knowledge and skills (including early language/communication and early literacy) outcomes summary:
	    ▪ Use of appropriate behaviors to meet their needs outcomes summary:
	    ▪ Has progress been made?
	• Changes to Resource Preferences mappings **do NOT trigger**. A manual resync must be performed on the resource if mappings are changed.

Delete	• When the associated Enrollment is deleted. • When the associated Enrollment is made to no longer overlap the configured year. • When the associated Student is now excluded in some way. • When the locked Plan is deleted. • When the locked Plan is made to no longer overlap the configured year. • When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Local Education Agencies
- Students
- Programs

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
400: Validation of '**RESOURCE**' failed. **FIELD** is required.	An element of the JSON that is required is missing and needs to be added. - Double check that all bolded data elements below are reporting a valid value and no data elements below are reporting an invalid value.

400: '**RESOURCE**' failed. **RESOURCE** reference could not be resolved.	A resource that was referenced from a difference resource does not yet exist. • Resync the resource being mentioned in the error, then resync the errored resource. Alternatively, the resource being referenced may be incorrect. This can happen with Schools and the Ed-Fi School ID being used as an example. Double check the referenced values being sent are valid.
403: Authorization denied. The claim does not have any established relationships with the requested resource.	The key/secret being used does not have permission to send a record for the resource / referenced resource. • Double check your API credentials (key/secret). Sometimes specific keys/secrets cannot report specific resources. • The referenced person (student, staff, parent, contact, etc.) has not yet been associated to the key/secret. Resync their "linking" resource (Students → Student School Associations, Staffs → Staff Education Organization Assignment Associations, etc.) then resync the errored resource. • The referenced person (student, staff, parent, contact, etc.) may not exist in the ODS yet. Resync the "person" resource and the "linking" resource (Students → Student School Associations, Staffs → Staff Education Organization Assignment Associations, etc.) then resync the errored resource.
404: Failed to delete '**RESOURCE**'. Record does not exist.	The attempt to delete a specific Ed-Fi record ID in the ODS failed because it did not exist. • This error can be ignored. The ID was cleared from the Ed-Fi Identity Mapping Report and will not attempt to delete again.

409: A natural key conflict occurred when attempting to create a new resource '**RESOURCE**' with a duplicate key.	The Ed-Fi API has a natural key system alongside a standard REST ID system. This error is often protecting against the erroneous creation of a duplicate record in the API. However, it may also indicate that the natural key requirements of the Ed-Fi API have not been satisfied, and the key needs to be modified. • Check for duplicate data in your Campus site. If no duplicate data can be found, report the issue to Campus Support. ◦ This can be caused by numerous issues. Our code may be attempting to send duplicate records when it should not. The natural key (bolded fields below) may not be unique enough to satisfy Ed-Fi requirements in all cases. Most times this error will require a code change to fix.
409: The resource (or a subordinate entity of the resource) cannot be deleted because it is a dependency of the '**RESOURCE**' entity.	The resource that the application is attempting to delete is referenced from another entity. • Use the Delete Tool to delete the referenced resource in the error message. Then retry the delete on the original resource that errored.
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.

500: Internal Server Error.	Something unexpected happened and no specific error message could be returned.
	
	• This issue usually occurs when the ODS is having issues. Confirm that there are no issues with the ODS the data is being sent to and then attempt to retry the errored record.
	
	• Contact Campus Support if 500 errors continue to occur, can be replicated consistently, and the ODS the data is being sent to has no ongoing issues.
	
	   ◦ There is a chance that Campus Ed-Fi code is sending an invalid JSON request resulting in the 500 error.
	
	   ◦ There is a chance that an Ed-Fi Data Standard / API bug is causing the issue.
	
	   ◦ Investigation is needed in these cases as there are many different potential causes.

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. For Core Ed-Fi connections, it indicates what the data standard 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*)	*The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.*
		
		Reports the latest of the following dates:
		
		• **IEP Start Date**
		  ○ Enrollment End Date must be NULL **OR** after the IEP Start Date.
		  ○ If the Enrollment is part of a "ZZZ" chain of enrollments, uses the **Enrollment End Date** from the **LAST** enrollment in the "ZZZ" chain.
		    ▪ See the ["ZZZ" article](#) for more information on specific logic.
		• **Enrollment Start Date**
		  ○ IEP End Date must be after the Enrollment Start Date.
		  ○ If the Enrollment is part of a "ZZZ" chain of enrollments, uses the **Enrollment Start Date** from the **FIRST** enrollment in the "ZZZ" chain.
		    ▪ See the ["ZZZ" article](#) for more information on specific logic.
			M	Special Ed Documents
				
				Enrollments
					Plan.startDate
					
					Enrollment.startDate
						⊗

| 2 | **educationOrganizationReference** (*reference*) | *A reference to an Education Organization (Schools, Local Education Agencies, etc.) resource associated with the Student Neglected or Delinquent Program Association being reported.*

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

• Reports based on the value entered for **Primary SPED Services School** or **Secondary SPED Services School**.
• For past versions of the Plan format, reports based on the value entered for **SPED Services School** with a Concurrency Type of Primary or Secondary. | M | N/A | N/A | ⊗ |

| 3 | **programReference** (*reference*) | *A reference to the Programs resource associated with the Student Neglected or Delinquent Program Association being reported.* <hr> Reports the fields that are part of the Natural Key for the Programs resource.

• educationOrganizationId
  ○ Reports the **Funded SPED Service DOR** from the Plan.
  ○ If Funded SPED Service DOR is NULL, reports the **District Entity ID** from School Information.
  ○ If District Entity ID from School Information is NULL, reports the **District Entity ID** from District Information.
• programName
  ○ Reports based on the table below for the **SPED Setting** selected. Codes in **RED** are no longer in use for the current year (SY 24-25) and should only be reported for previous years through the 915 process. Some programs will change names across school years, those name changes are documented and reported accordingly:
    ▪ A: A Inside Regular Class 80% or More
    ▪ B: B Inside Regular Class 40 - 79%
    ▪ C: C Inside Regular Class Less Than 40%
    ▪ D: D Public or Private Separate Day School
    ▪ E: E Public or Private Residential Facility
    ▪ ES: ES Public or Private Residential Facility
    ▪ FA: FA Correctional Facilities A
    ▪ FB: FB Correctional Facilities B
    ▪ FC: FC Correctional Facilities C | M | Special Ed Documents | PlanState.spedResidentDistrict

2023 Format SPED Setting:
SEPGenericForm.vcMax3 WHERE type = 'placement'
2020 Format SPED Setting:
PlanState.specialEdSetting | ❌ |

- H: R10 - R8: H Hospital or Home Instruction or R7: H Home Placement / Hospital Program
- J: J Private School Placement by Parents
- PA1: PA1 Early childhood program at least 10 hours/week
- PA2: PA2 Early childhood program at least 10 hours/week
- PB1: PB1 Early childhood program less than 10 hours/week
- PB2: PB2 Early childhood program less than 10 hours/week
- PD: PD Separate Class
- PE: PE Public or Private Separate Day School
- PG: PG Public or Private Residential Facility
- PH1: PH1 Home at least 360 minutes per week
- PH2: PH2 Home less than 360 minutes per week
- PS: PS Service Provider Location for Less Than 360 Minutes/Week
- I: R9 - R7: I Services Provided in a Regular Classroom
- EA: R7: EA Public or Private Residential Facility
- EB: R7: EB Public or Private Residential Facility
- EC: R7: EC Public or Private Residential Facility

- programTypeDescriptor
  - Report **Special Education**.

| 4 | **studentReference** (*reference*) | *A reference to the Students resource associated with the Student Neglected or Delinquent Program Association being reported.*

 Reports the fields that are part of the Natural Key for the Students resource. | M | N/A | N/A | ✅ |

5	endDate (*date*)	*The month, day, and year on which the student exited the program or stopped receiving services.*	C	Special Ed Documents Enrollments	Plan .endDate Evaluation .endDate Enrollment .endDate	❌

The month, day, and year on which the student exited the program or stopped receiving services.

- If the Enrollment End Date is **NOT** NULL (Has a value):
  - Reports the earliest of the following dates:
    - **Exit Date** for the Evaluation with a Type of Exit.
      - The Exit Date must be within the IEP Start Date and the IEP End Date to be considered.
    - **Enrollment End Date**
      - If the Enrollment is part of a "ZZZ" chain of enrollments, reports the **Enrollment End Date** from the **LAST** enrollment in the "ZZZ" chain.
        - See the ["ZZZ" article](#) for more information on specific logic.
    - **IEP End Date**

- If the Enrollment End Date **IS** NULL (Does **NOT** have a value):
  - Confirm that at least one of the following is true to report a value:
    - An IEP exists starting **immediately after** the Plan the record is reporting from.
    - The Plan reporting has an end date that is prior to the last instructional day of the school year.
    - The most recent Evaluation with Type Exit has an Exit Reason of SPED01 or SPED09.
  - Report the earliest of the following dates:

- **IEP End Date**
- **Exit Date** for the Evaluation with a Type of Exit.
    - The Exit Date must be within the IEP Start Date and the IEP End Date to be considered.
- **Last Instructional Day of the School Year**
- When the LRE (SPED Setting) is *D: Public or Private Separate Day School for greater than 50% of the school day*, the endDate data element does **NOT** report until the associated enrollment has an end date.

- Does not report in all other situations.

NOTES:

- The end date being sent **must be an instructional day**. If the calculated date (using the logic above) is not an instructional day, report the **previous instructional day**.
    - Example:
        - 4/15/23 is the calculated end date, but is not an instructional day.
        - 4/14/23 is not an instructional day.
        - 4/13/23 is an instructional day.
        - We would report 4/13/23.
- 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 | ideaEligibility (*boolean*) | *Indicator of the eligibility of the student to receive special education services according to the Individuals with Disabilities Education Act (IDEA).*

 • Reports **True** when the locked Plan or State Reporting Tab record has a value for Primary Disability that is mapped to an Ed-Fi Code.
　　◦ This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Special Education Program Associations resource.
 • Reports **False** in all other situations. | O | Special Ed Documents | PlanState .disability1

 SpecialEdS tate .primaryDis ability | ✅ |

7	reasonExitedDescriptor (*string*)	*The reason the student left the program within a school or district.*	C	Enrollments Special Ed Documents	Enrollment.endDate Enrollment.endStatus Enrollment.grade Plan.startDate Plan.endDate Evaluation.exitDate Evaluation.exitReason	

The reason the student left the program within a school or district.

- If the Enrollment End Date is **NOT** NULL (Has a value):
  - Reports based on the following priority order:
    - Reports **SPED09** (Ends one LRE but starts another) if the IEP End Date is before the Enrollment End Date **AND** an IEP exists starting immediately after an existing plan or starts the very next instructional day.
      - Reports **SPED01** (Transfer to regular education) when the student does **NOT** have an IEP that starts immediately after an existing plan or starts the very next instructional day.
    - Reports the Ed-Fi Code mapped to the value selected for **Exit Reason** in an Exit Evaluation.
      - The Exit Evaluation must have an Evaluation Type of *Exit* **AND** an Exit Date (**NOT** Evaluation Date) that is after the Enrollment Start Date and before the Enrollment End Date / Last Instructional Day before IEP End Date.
    - Reports based on the table shown below in all other situations.
- If the Enrollment Date **IS** NULL (Does **NOT** have a value)
  - Reports based on the following priority order:
    - Reports **SPED09** (Ends one LRE but starts another) if the IEP End Date is before the Enrollment End Date **AND** an IEP exists starting immediately after an existing plan or starts the very next instructional day.

- Reports **SPED01** (Transfer to regular education) or **SPED09** (Ends one LRE but starts another) if the most recent Exit Evaluation has an Exit Reason of those codes.
- Reports **SPED01** (Transfer to regular education) if the IEP End Date ends prior to the Last Instructional Day of the school year.
- Does not report in all other scenarios.

Ed-Fi Code	Business Rules
SPED02 (Graduated)	Enrollment State End Status is one of the following: W7, W14, W15, W17, W18, W19, W20, D2, or G.
SPED03 (Reached maximum age)	Enrollment State End Status is W6, but Grade Level is **NOT** mapped to one of the following: PS, KG, or UE.
SPED04 (Died)	Enrollment State End Status is W8.

SPED05 (Moved, known to be continuing)	Enrollment State End Status is W10 **OR**
	Enrollment State Status is one of the following: W9, W21, or W22 **AND** Grade Level is **NOT** mapped to PS **OR**
	Enrollment State Status is W1 **AND** there is **NOT** a consecutive Enrollment in the same school year - school combination that starts the immediate next instructional day.
SPED07 (Dropout)	Enrollment State End Status is one of the following: W3, W4, W5, W11, W12, W13, W31, W41, or W51 **OR**
	Enrollment State End Status is W2 **AND** Grade Level is **NOT** mapped to PS.

SPED09 (Ends one LRE but starts another)	Enrollment State End Status is one of the following: WK, WD, or WP **OR** Enrollment State End Status is W1 **AND** there **IS** a consecutive Enrollment in the same school year - school combination that starts the immediate next instructional day.
SPED10 (Withdrawn by parent request and no longer enrolled)	Enrollment State End Status is W6 **AND** Grade Level **IS** mapped to one of the following: PS, KG, or UE.
SPED13 (End of school year)	Enrollment End Date is equal to the Last Instructional Day of the associated Calendar **AND** the IEP is active as of the Last Instructional Day of the associated Calendar.
SPED14 (No longer eligible for PS Special Education)	Enrollment State End Status is one of the following: W9, W21, W22, or W2 **AND** Grade Level is mapped to PS.

SPED01 (Transfer to regular education)	Reports when no other code above is eligible to report. • If something is changed that results in the record now being eligible to report a different code, this will be updated via a trigger.

NOTE: This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Special Education Program Associations resource.

NOTE: If the Enrollment is part of a ZZZ chain of enrollments, uses the **Enrollment End Date** from the **LAST** enrollment in the ZZZ chain.

• See the ZZZ article for more information on specific logic.

| 8 | specialEducationSettingDescriptor (*string*) | *The major instructional setting (more than 50 percent of a student's special education program).*

Report the Ed-Fi Code mapped to the value selected for **SPED Setting** in the Plan being reported.

• This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Special Education Program Associations resource.
• The database location for this data element changes based on the plan format being used.
• Reports the Ed-Fi Code mapped to the value selected for **SPED Setting** in Enrollment if it cannot be determined from the Plan.
• Does not report in all other situations. | M | Special Ed Documents

Enrollments | **New Plan Format (SY 23-24 and forward):**

SEPGeneric Form .vcMax3

Old Plan Format (SY 22-23 and prior):

PlanState .specialEdSetting

Enrollment .specialEdSetting | ⊗ |

| 9 | mainSPEDSchool (*boolean*) | *A flag indicating if this is Primary school for SPED concurrency or not*

• Report **True** when reporting for the Primary SPED Services School.
• Report **False** in all other situations. | M | Special Ed Documents | **New Plan Format (SY 23-24 and forward):**
SEPGeneric Form .vcMax1
Old Plan Format (SY 22-23 and prior):
PlanState .stateValue1 | EXT |

| 1 0 | assessmentOutcomes (*array*) | *An unordered collection of studentSpecial EducationProgram AssociationAssessment Outcomes. This entity collection represents the SPED outcomes of students at an education organization.*

Reports the following data elements in an array when the student has an Evaluation where the Evaluation Date is within the IEP Start and End Date **AND** the Outcomes Editor has values entered:

• assessmentCategoryDescriptor
  ○ Reports **SPSC01** when reporting from *Positive social-emotional skills (including social relationships) outcomes summary*.
  ○ Reports **SPSC02** when reporting from *Acquisition and use of knowledge and skills (including early language/communication and early literacy) outcomes summary*.
  ○ Reports **SPSC03** when reporting from *Use of appropriate behaviors to meet their needs outcomes summary*.
• assessmentPeriodDescriptor
  ○ Reports **SPSE01** when the Evaluation Type is *Initial* or *Entry*.
  ○ Reports **SPSE02** when the Evaluation Type is *Exit* or *End of Year*.
• assessmentOutcomesSummaryDescriptor
  ○ Reports **SPSOC01** when the dropdown value selected is *Overall not age appropriate: Does not yet show functioning expected in any situation, does not show immediate foundational skills in any situation.*
  ○ Reports **SPSOC02** when the dropdown value selected is *Overall not age appropriate: Occasionally uses immediate foundational skills across settings and situations.* | C | Special Ed Documents | **New Plan Format (SY 23-24 and forward):**

SEPGeneric Form .vcMax1 through .vcMax3

SEPGeneric Form .tinyint1 through .tinyint3

Old Plan Format (SY 22-23 and prior):

Evaluation .type

Evaluation .assessmentCategory

Evaluation .assessmentOutcome | EXT |

- Reports **SPSOC03** when the dropdown value selected is *Overall not age appropriate: Uses immediate foundational skills most or all of the time across settings and situation.*
- Reports **SPSOC04** when the dropdown value selected is *Overall not age appropriate: Shows occasional age-appropriate functioning across settings and situations.*
- Reports **SPSOC05** when the dropdown value selected is *Overall not age appropriate: Shows functioning expected for his or her age some of the time and/or in some settings and situations.*
- Reports **SPSOC06** when the dropdown value selected is *Age appropriate: Functioning generally is considered appropriate for his or her age, but there are some significant concerns about the child's functioning in this outcome area.*
- Reports **SPSOC07** when the dropdown value selected is *Age appropriate: Shows functioning expected for his or her age in all or almost all everyday situations that are part of the child's life.*
- Does not report when the dropdown value is NULL.

- isProgressMade
  - Only reports this data element when assessmentPeriodDescriptor is reporting SPSE02 (Should **NOT** be reported for "Initial" or "Entry" records):
    - Reports **True** when *Has progress been made?* has *Yes* checked.
    - Reports **False** in all other situations.

11	disabilities	This data element is optional and does not report.	O	N/A	N/A	N/A
12	endDate	This data element is optional and does not report.	O	N/A	N/A	N/A

1 3	iepBeginDate	This data element is optional and does not report.	O	N/A	N/A	N/A
1 4	iepEndDate	This data element is optional and does not report.	O	N/A	N/A	N/A
1 5	iepReviewDate	This data element is optional and does not report.	O	N/A	N/A	N/A
1 6	lastEvaluationDate	This data element is optional and does not report.	O	N/A	N/A	N/A
1 7	medicallyFragile	This data element is optional and does not report.	O	N/A	N/A	N/A
1 8	multiplyDisabled	This data element is optional and does not report.	O	N/A	N/A	N/A
1 9	participationStatus	This data element is optional and does not report.	O	N/A	N/A	N/A
2 0	programParticipatio nStatuses	This data element is optional and does not report.	O	N/A	N/A	N/A
2 1	reasonExitedDescri ptor	This data element is optional and does not report.	O	N/A	N/A	N/A
2 2	schoolHoursPerWee k	This data element is optional and does not report.	O	N/A	N/A	N/A
2 3	servedOutsideOfRe gularSession	This data element is optional and does not report.	O	N/A	N/A	N/A
2 4	serviceProviders	This data element is optional and does not report.	O	N/A	N/A	N/A
2 5	specialEducationHo ursPerWeek	This data element is optional and does not report.	O	N/A	N/A	N/A

2 6	specialEducationPro gramServices	This data element is optional and does not report.	O	N/A	N/A	N/A

Appendix