

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

April
2025

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

Table of Contents

- [Summary](#)
- [Required Resources \(Upstream\)](#)
- [Dependent Resources \(Downstream\)](#)
- [Error Log](#)
- [English Learners \(EL\)](#)
 - [Object Triggering Logic](#)
 - [Object Data Elements Logic](#)
- [FRAM \(Income Eligibility\)](#)
 - [Object Triggering Logic](#)
 - [Object Data Elements Logic](#)
- [Flags / Programs](#)
 - [Program List](#)
 - [Object Triggering Logic](#)
 - [Object Data Elements Logic](#)
- [Gifted](#)
 - [Object Triggering Logic](#)
 - [Object Data Elements Logic](#)
- [Homebound / Hospitalized](#)
 - [Object Triggering Logic](#)
 - [Object Data Elements Logic](#)
- [Section 504](#)
 - [Object Triggering Logic](#)
 - [Object Data Elements Logic](#)
- [Special Education - IEP](#)
 - [Object Triggering Logic](#)
 - [Object Data Elements Logic](#)
- [Title 1 \(Schoolwide\)](#)
 - [Object Triggering Logic](#)
 - [Object Data Elements Logic](#)
- [Title 1 \(Individual\)](#)
 - [Object Triggering Logic](#)
 - [Object Data Elements Logic](#)
- [Unaccompanied Youth](#)

- [Object Triggering Logic](#)
- [Object Data Elements Logic](#)
- [Appendix](#)

Summary

This entity represents a need for a student

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools
- 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
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.

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.
-----------------------------	---

English Learners (EL)

Object Triggering Logic

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

Action	Business Rule(s)
Post	Report a record when an EL Service that is mapped to a State Service Type and overlaps the student's Enrollment is saved. • A maximum of ONE record will be reported for the EL Services need regardless of the number of EL Services the student has. • 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. • A record is only reported for EL Service 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 State Exclude ◦ Enrollment No Show ◦ Enrollment Grade Exclude from State Reporting ◦ Enrollment Start Status is <i>E: NON-SAIS DISTRICT USE ONLY!</i> ◦ 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 - Changes to Resource Preferences mappings do NOT trigger. A manual resync must be performed on the resource if mappings are changed.
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. - When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.

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	studentNeedDescriptor (<i>string</i>)	<i>The student need descriptor code</i> Reports LEPS (English Language Learner).	M	N/A	N/A	EXT

2	studentNeedEntryDate (date)	<i>The date the student began the state of having the Need.</i> Report the latest of the following dates: • EL Service Start Date ◦ Enrollment End Date must be NULL or after EL Service Start 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. • Enrollment Start Date ◦ EL Services 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. Notes: • 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.	M	English Learner (EL) Services Enrollments	LepService .startDate Enrollment .startDate	EXT
---	------------------------------------	---	---	--	--	-----

3	educationOrganizationReference (reference)	<i>A reference to the Schools resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Schools resource. educationOrganizationId = School Entity ID	M	School Information	School . entityID	EXT
4	studentReference (reference)	<i>A reference to the Students resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT

5	studentNeedExitDate (date)	<i>The date the student exited the state of having the Need.</i> Report the earliest of the following dates: • EL Service End Date • 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. • Last Instructional Day of the Calendar Notes: • 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. • 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	English Learner (EL) Services Enrollments	LepService .endDate Enrollment .endDate	EXT
6	isAncillary	This is optional, does not report.	O	N/A	N/A	EXT
7	primaryStudentNeedIndicator	This is optional, does not report.	O	N/A	N/A	EXT

FRAM (Income Eligibility)

Object Triggering Logic

Action	Business Rule(s)
Post	Report a record when a student has a FRAM record that overlaps an enrollment in the current configured year. • A record is only reported for FRAM 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 State Exclude ◦ Enrollment No Show ◦ Enrollment Grade Exclude from State Reporting ◦ Enrollment Start Status is <i>E: NON-SAIS DISTRICT USE ONLY!</i> ◦ Calendar Exclude ◦ School Exclude • 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.

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 a FRAM record is changed: - FRAM Record ID (New FRAM record) - Start Date - End Date - Eligibility - When the following information on an Enrollment is changed: - Enrollment ID (New Enrollment) - Start Date - End Date - No Show - State Exclude - Changes to Resource Preferences mappings do NOT trigger. A manual resync must be performed on the resource if mappings are changed.
Delete	- When the enrollment being reported off of is deleted. - When the enrollment is changed to no longer overlap the configured year. - When the student is excluded through their enrollment, calendar, grade level, or school. - When the FRAM record being reported off of is deleted. - When the FRAM record is changed to no longer overlap the enrollment in the current configured year. - When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.

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	studentNeedDescriptor (<i>string</i>)	<i>The student need descriptor code</i> Reports the Ed-Fi Code mapped to the value selected for Eligibility. This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource.	M	FRAM Eligibility	POSEligibility.eligibility	EXT

2	studentNeedEntryDate (date)	<i>The date the student began the state of having the Need.</i> Report the latest of the following dates: • FRAM Start Date ◦ Enrollment End Date must be NULL or after FRAM Start 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. • Enrollment Start Date ◦ FRAM 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. Notes: • 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.	M	FRAM Eligibility	POSEligibility .startDate	EXT
				Enrollments	Enrollment . startDate	

3	educationOrganizationReference (reference)	<i>A reference to the Schools resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Schools resource. educationOrganizationId = School Entity ID	M	School Information	School . entityID	EXT
4	studentReference (reference)	<i>A reference to the Students resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT

5	studentNeedExitDate (date)	<i>The date the student exited the state of having the Need.</i> Report the earliest of the following dates: • FRAM End Date • 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. • Last Instructional Day of the Calendar Notes: • 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. • 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	FRAM Eligibility Enrollments	POSEligibility .endDate Enrollment . endDate	EXT
6	isAncillary	This is optional, does not report.	O	N/A	N/A	EXT
7	primaryStudentNeedIndicator	This is optional, does not report.	O	N/A	N/A	EXT

Flags / Programs

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) per need and stay consistent. If a need is created in both areas, two records will send.

Program List

The following needs are reported from Flags/Programs:

- Immigrant
- Neglected
- Delinquent
- Refugee
- Chronic Health Problem, A.R.S. § 15-346
- Evacuee
- No Need (Placeholder Need)

Object Triggering Logic

Action	Business Rule(s)
--------	------------------

Post	When the student has a Flag or Program record that overlaps an Enrollment in the configured year. • A record is only reported for Flag/Program 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. • 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 <i>E: NON-SAIS DISTRICT USE ONLY!</i> ◦ 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 - Changes to Resource Preferences mappings do NOT trigger. A manual resync must be performed on the resource if mappings are changed.
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. - When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.

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	studentNeedDescriptor (<i>string</i>)	<i>The student need descriptor code</i> Reports the Ed-Fi Code mapped to the value selected for the Program Participation Need (Need) on the associated Flag/Program. This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource.	M	N/A	N/A	EXT
2	studentNeedEntryDate (<i>date</i>)	<i>The date the student began the state of having the Need.</i> Report the latest of the following dates:	M	Flags Programs Enrollments	ProgramParticipation .startDate Enrollment .startDate	EXT

- **Flag/Program Start Date**
 - Enrollment End Date must be NULL or after Flag/Program Start 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.
- **Enrollment Start Date**
 - Flag/Program 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.

Notes:

- 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.

3	educationOrganizationReference (reference)	<i>A reference to the Schools resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Schools resource. educationOrganizationId = School Entity ID	M	School Information	School .entityID	EXT
4	studentReference (reference)	<i>A reference to the Students resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT

5	studentNeedExitDate (date)	<i>The date the student exited the state of having the Need.</i> Report the earliest of the following dates: - Flag/Program End Date - 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. - Last Instructional Day of the Calendar Notes: - 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. - 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	Flags Programs Enrollments	ProgramParticipation .endDate Enrollment .endDate	EXT
---	----------------------------	--	---	----------------------------------	---	-----

6	isAncillary	This is optional, does not report.	O	N/A	N/A	EXT
7	primaryStudentNeedIndicator	This is optional, does not report.	O	N/A	N/A	EXT

Gifted

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. • A record is only reported for Gifted 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. • 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 <i>E: NON-SAIS DISTRICT USE ONLY!</i> ◦ 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 <i>Gifted Record</i> 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 - Changes to Resource Preferences mappings do NOT trigger. A manual resync must be performed on the resource if mappings are changed.
Delete	- When the <i>Gifted Program</i> 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 <i>Gifted Program</i>. - When the <i>Gifted Program</i> is deleted. - When the Enrollment is deleted. - When the student is now excluded in some way. - When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.

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	studentNeedDescriptor (<i>string</i>)	<i>The student need descriptor code</i> Reports the Ed-Fi Code mapped to the value selected for the Gifted Need. This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource.	M	N/A	N/A	EXT

2	studentNeedEntryDate (date)	<i>The date the student began the state of having the Need.</i> Report the latest of the following dates: • Gifted Start Date ◦ Enrollment End Date must be NULL or after Gifted Start 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. • Enrollment Start Date ◦ Gifted 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. Notes: • 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.	M	Gifted Enrollments	Gifted . startDate Enrollment . startDate	EXT
---	------------------------------------	--	---	-----------------------	--	-----

3	educationOrganizationReference (reference)	<i>A reference to the Schools resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Schools resource. educationOrganizationId = School Entity ID	M	School Information	School . entityID	EXT
4	studentReference (reference)	<i>A reference to the Students resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT

5	studentNeedExitDate (date)	<i>The date the student exited the state of having the Need.</i> Report the earliest of the following dates: • Gifted End Date • 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. • Last Instructional Day of the Calendar Notes: • 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. • 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	Gifted Enrollments	Gifted . endDate Enrollment . endDate	EXT
6	isAncillary	This is optional, does not report.	O	N/A	N/A	EXT
7	primaryStudentNeedIndicator	This is optional, does not report.	O	N/A	N/A	EXT

Homebound / Hospitalized

Object Triggering Logic

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

Action	Business Rule(s)
Post	When the student has a Homebound record that overlaps an Enrollment in the configured year. • A record is only reported for Homebound 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. • 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 <i>E: NON-SAIS DISTRICT USE ONLY!</i> ◦ 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 <i>Gifted Record</i> is changed: - Homebound ID (New Homebound 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 - Changes to Resource Preferences mappings do NOT trigger. A manual resync must be performed on the resource if mappings are changed.
Delete	- When the <i>Homebound Program</i> 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 <i>Homebound Program</i>. - When the <i>Homebound Program</i> is deleted. - When the Enrollment is deleted. - When the student is now excluded in some way. - When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.

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	studentNeedDescriptor (<i>string</i>)	<i>The student need descriptor code</i> Reports 11 (Homebound).	M	N/A	N/A	EXT

2	studentNeedEntryDate (date)	<i>The date the student began the state of having the Need.</i> Report the latest of the following dates: • Homebound Start Date ◦ Enrollment End Date must be NULL or after Homebound Start 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. • Enrollment Start Date ◦ Homebound 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. Notes: • 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.	M	Homebound Enrollments	Homebound .startDate Enrollment . startDate	EXT
---	------------------------------------	---	---	--------------------------	--	-----

3	educationOrganizationReference (reference)	<i>A reference to the Schools resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Schools resource. educationOrganizationId = School Entity ID	M	School Information	School . entityID	EXT
4	studentReference (reference)	<i>A reference to the Students resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT

5	studentNeedExitDate (date)	<i>The date the student exited the state of having the Need.</i> Report the earliest of the following dates: • Homebound End Date • 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. • Last Instructional Day of the Calendar Notes: • 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. • 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	Homebound Enrollments	Homebound .endDate Enrollment . endDate	EXT
6	isAncillary	This is optional, does not report.	O	N/A	N/A	EXT
7	primaryStudentNeedIndicator	This is optional, does not report.	O	N/A	N/A	EXT

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. • A record is only reported for Section 504 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. • 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 <i>E: NON-SAIS DISTRICT USE ONLY!</i> ◦ 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 <i>Section 504 Record</i> 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 - Changes to Resource Preferences mappings do NOT trigger. A manual resync must be performed on the resource if mappings are changed.
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. - When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.

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	studentNeedDescriptor (<i>string</i>)	<i>The student need descriptor code</i> Reports the Ed-Fi Code mapped to the value selected for the Disability. - This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource. - One Student Needs record will report per unique Ed-Fi Code.	M	N/A	N/A	EXT

2	studentNeedEntryDate (date)	<i>The date the student began the state of having the Need.</i> Report the latest of the following dates: • Section 504 Start Date ◦ Enrollment End Date must be NULL or after Section 504 Start 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. • Enrollment Start Date ◦ Section 504 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. Notes: • 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.	M	Section 504	Section504.startDate	EXT
				Enrollments	Enrollment.startDate	

3	educationOrganizationReference (reference)	<i>A reference to the Schools resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Schools resource. educationOrganizationId = School Entity ID	M	School Information	School . entityID	EXT
4	studentReference (reference)	<i>A reference to the Students resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT

5	studentNeedExitDate (date)	<i>The date the student exited the state of having the Need.</i> Report the earliest of the following dates: • Section 504 End Date • 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. • Last Instructional Day of the Calendar Notes: • 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. • 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 Enrollments	Section504 .endDate Enrollment . endDate	EXT
6	isAncillary	This is optional, does not report.	O	N/A	N/A	EXT
7	primaryStudentNeedIndicator	This is optional, does not report.	O	N/A	N/A	EXT

Special Education - IEP

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. - 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 <i>E: NON-SAIS DISTRICT USE ONLY!</i> - Calendar Exclude - School Exclude

Delete /Post	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.
Put	• 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 • 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.
--------	---

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	studentNeedDescriptor (<i>string</i>)	<i>The student need descriptor code</i> Reports the Ed-Fi Code mapped to the value selected for the Disability. • This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource. • One Student Needs record will report per unique Ed-Fi Code.	M	Special Ed Documents	PlanState . disability1 through disability7	EXT

2	studentNeedEntryDate (date)	<i>The date the student began the state of having the Need.</i> Report the latest of the following dates: • IEP Start Date ◦ Enrollment End Date must be NULL or after IEP Start 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. • 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. Notes: • 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.	M	Special Ed Documents Enrollments	Plan . startDate Enrollment . startDate	EXT
---	------------------------------------	---	---	---	--	-----

3	educationOrganizationReference (reference)	<i>A reference to the Schools resource associated with the Student Program Association being reported.</i> 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	EXT
4	studentReference (reference)	<i>A reference to the Students resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT
5	isAncillary	<i>Indicates if the SPED Need as an Ancillary.</i> • Reports True when Ancillary is checked. • Reports False in all other situations.	M			EXT
6	primaryStudentNeedIndicator	<i>Indicates if the SPED Need being serviced is the Primary Need.</i> • Reports True when reporting from the Primary Disability. • Reports False in all other situations.	M			EXT
7	studentNeedExitDate (date)		C			EXT

The date the student exited the state of having the Need.

- 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**

Special Ed Documents

Plan . endDate

Enrollments

Evaluation . endDate

Enrollment . endDate

- 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.				
--	--	---	--	--	--	--

Title 1 (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 <i>Schoolwide Program</i> 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. • A record is only reported for Title 1 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. • 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 <i>E: NON-SAIS DISTRICT USE ONLY!</i> ◦ 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.

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 - Changes to Resource Preferences mappings do NOT trigger. A manual resync must be performed on the resource if mappings are changed.
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. - When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.

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	studentNeedDescriptor (<i>string</i>)	<i>The student need descriptor code</i> Reports based on the below table: <table><tr><th>School History Checkbox</th><th>Student Need Descriptor</th></tr><tr><td>Title I Math</td><td>13 (Math)</td></tr><tr><td>Title I Other</td><td>19 (Other)</td></tr><tr><td>Title I Reading</td><td>14 (Language Arts)</td></tr><tr><td>Title I Science</td><td>15 (Science)</td></tr><tr><td>Title I Social Studies</td><td>18 (Social Studies)</td></tr></table>	School History Checkbox	Student Need Descriptor	Title I Math	13 (Math)	Title I Other	19 (Other)	Title I Reading	14 (Language Arts)	Title I Science	15 (Science)	Title I Social Studies	18 (Social Studies)	M	N/A	N/A	EXT
School History Checkbox	Student Need Descriptor																	
Title I Math	13 (Math)																	
Title I Other	19 (Other)																	
Title I Reading	14 (Language Arts)																	
Title I Science	15 (Science)																	
Title I Social Studies	18 (Social Studies)																	

2	studentNeedEntryDate (date)	<i>The date the student began the state of having the Need.</i> Report 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. - 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.	M	Enrollments	Enrollment . startDate	EXT
3	educationOrganizationReference (reference)	<i>A reference to the Schools resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Schools resource. educationOrganizationId = School Entity ID	M	School Information	School . entityID	EXT
4	studentReference (reference)	<i>A reference to the Students resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT

5	studentNeedExitDate (date)	<i>The date the student exited the state of having the Need.</i> Report the earliest of the following dates: - 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. - Last Instructional Day of the Calendar Notes: - 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. - 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	Enrollments	Enrollment . endDate	EXT
6	isAncillary	This is optional, does not report.	O	N/A	N/A	EXT
7	primaryStudentNeedIndicator	This is optional, does not report.	O	N/A	N/A	EXT

Title 1 (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. • A record is only reported for Title 1 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. • 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 <i>E: NON-SAIS DISTRICT USE ONLY!</i> ◦ 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 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 - Changes to Resource Preferences mappings do NOT trigger. A manual resync must be performed on the resource if mappings are changed.
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. - When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.

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	studentNeedDescriptor (<i>string</i>)	<i>The student need descriptor code</i> Reports the Ed-Fi Code mapped to the value selected for the Instructional Services. • This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource. • One Student Needs record will report per unique Ed-Fi Code.	M	Title 1	Title1Services .title1Service	EXT

2	studentNeedEntryDate (date)	<i>The date the student began the state of having the Need.</i> Report the latest of the following dates: • Title 1 Start Date ◦ Enrollment End Date must be NULL or after Title 1 Start 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. • Enrollment Start Date ◦ Title 1 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. Notes: • 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.	M	Title 1 Enrollments	Title1 . startDate Enrollment . startDate	EXT
---	------------------------------------	---	---	------------------------	--	-----

3	educationOrganizationReference (reference)	<i>A reference to the Schools resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Schools resource. educationOrganizationId = School Entity ID	M	School Information	School . entityID	EXT
4	studentReference (reference)	<i>A reference to the Students resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT

5	studentNeedExitDate (date)	<i>The date the student exited the state of having the Need.</i> Report the earliest of the following dates: - Title 1 End Date - 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. - Last Instructional Day of the Calendar Notes: - 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. - 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 Enrollments	Title1 . endDate Enrollment . endDate	EXT
6	isAncillary	This is optional, does not report.	O	N/A	N/A	EXT
7	primaryStudentNeedIndicator	This is optional, does not report.	O	N/A	N/A	EXT

Unaccompanied Youth

Object Triggering Logic

Homeless 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 Homeless record that overlaps an Enrollment in the configured year AND that Homeless record has an Unaccompanied Youth value of <u>Yes</u>. • A record is only reported for Homeless 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. • 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 <i>E: NON-SAIS DISTRICT USE ONLY!</i> ◦ 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 Title 1 Record is changed: - Homeless ID (New Homeless Record) - Start Date - End Date - Unaccompanied Youth - 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 - Changes to Resource Preferences mappings do NOT trigger. A manual resync must be performed on the resource if mappings are changed.
Delete	- When the Homeless 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 Homeless Program. - When the Homeless Program is deleted. - When the Enrollment is deleted. - When the student is now excluded in some way. - When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.

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	studentNeedDescriptor (<i>string</i>)	<i>The student need descriptor code</i> Reports 21 (Unaccompanied Youth).	M	N/A	N/A	EXT

2	studentNeedEntryDate (date)	<i>The date the student began the state of having the Need.</i> Report the latest of the following dates: • Homeless Start Date ◦ Enrollment End Date must be NULL or after Homeless Start 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. • Enrollment Start Date ◦ Homeless 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. Notes: • 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.	M	Homeless Enrollments	Homeless . startDate Enrollment . startDate	EXT
---	------------------------------------	--	---	-------------------------	--	-----

3	educationOrganizationReference (reference)	<i>A reference to the Schools resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Schools resource. educationOrganizationId = School Entity ID	M	School Information	School . entityID	EXT
4	studentReference (reference)	<i>A reference to the Students resource associated with the Student Program Association being reported.</i> Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT

5	studentNeedExitDate (date)	<i>The date the student exited the state of having the Need.</i> Report the earliest of the following dates: • Homeless End Date • 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. • Last Instructional Day of the Calendar Notes: • 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. • 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	Homeless Enrollments	Homeless . endDate Enrollment . endDate	EXT
6	isAncillary	This is optional, does not report.	O	N/A	N/A	EXT
7	primaryStudentNeedIndicator	This is optional, does not report.	O	N/A	N/A	EXT

Appendix