

# AZ Ed-Fi Suite v7.3, Data Standard v5.2: Student Needs (SY 25-26)

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## Summary

This entity represents a need for a student

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### 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 ' <b>RESOURCE</b> ' failed. <b>FIELD</b> is required.	<p>An element of the JSON that is required is missing and needs to be added.</p> <ul style="list-style-type: none"> <li>• Double check that all bolded data elements below are reporting a valid value and no data elements below are reporting an invalid value.</li> </ul>
400: ' <b>RESOURCE</b> ' failed. <b>RESOURCE</b> reference could not be resolved.	<p>A resource that was referenced from a difference resource does not yet exist.</p> <ul style="list-style-type: none"> <li>• 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.</li> </ul>
403: Authorization denied. The claim does not have any established relationships with the requested resource.	<p>The key/secret being used does not have permission to send a record for the resource / referenced resource.</p> <ul style="list-style-type: none"> <li>• Double check your API credentials (key/secret). Sometimes specific keys/secrets cannot report specific resources.</li> <li>• 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.</li> <li>• 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.</li> </ul>
404: Failed to delete ' <b>RESOURCE</b> '. Record does not exist.	<p>The attempt to delete a specific Ed-Fi record ID in the ODS failed because it did not exist.</p> <ul style="list-style-type: none"> <li>• This error can be ignored. The ID was cleared from the Ed-Fi Identity Mapping Report and will not attempt to delete again.</li> </ul>

<p>409: A natural key conflict occurred when attempting to create a new resource '<b>RESOURCE</b>' with a duplicate key.</p>	<p>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.</p> <ul style="list-style-type: none"> <li>• Check for duplicate data in your Campus site. If no duplicate data can be found, report the issue to Campus Support.             <ul style="list-style-type: none"> <li>◦ 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.</li> </ul> </li> </ul>
<p>409: The resource (or a subordinate entity of the resource) cannot be deleted because it is a dependency of the '<b>RESOURCE</b>' entity.</p>	<p>The resource that the application is attempting to delete is referenced from another entity.</p> <ul style="list-style-type: none"> <li>• Use the Delete Tool to delete the referenced resource in the error message. Then retry the delete on the original resource that errored.</li> </ul>
<p>500: Internal Server Error.</p>	<p>Something unexpected happened and no specific error message could be returned.</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.             <ul style="list-style-type: none"> <li>◦ There is a chance that Campus Ed-Fi code is sending an invalid JSON request resulting in the 500 error.</li> <li>◦ There is a chance that an Ed-Fi Data Standard / API bug is causing the issue.</li> <li>◦ Investigation is needed in these cases as there are many different potential causes.</li> </ul> </li> </ul>



### English Learners (EL)

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#### 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)
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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.
    - The priority order for these Local Service Types are:
      - T: AOI
      - A: Ancillary
      - O: Program Only
- 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 *E: NON-SAIS DISTRICT USE ONLY!*
  - Calendar Exclude
  - School Exclude
  - Enrollments with a Local Service Type **OTHER THAN P: Primary** or *T: AOI* must have their Resident District match one of the following to report:
    - The State District Number for the district on the site
    - One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.



<p>Delete/Post</p> <p>Put</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> <li>• When the following information on the student's associated EL Services record is changed:             <ul style="list-style-type: none"> <li>◦ EL Services Record ID (New EL Services record)</li> <li>◦ Start Date</li> <li>◦ End Date</li> <li>◦ Service Type</li> <li>◦ Exit Reason</li> </ul> </li> <li>• When the following information on the student's associated Enrollment changes:             <ul style="list-style-type: none"> <li>◦ Enrollment ID (New Enrollment)</li> <li>◦ No Show</li> <li>◦ State Exclude</li> <li>◦ Start Date</li> <li>◦ End Date</li> <li>◦ Local Service Type</li> <li>◦ Start Status</li> </ul> </li> <li>• Changes to Resource Preferences mappings <b>do NOT trigger</b>. A manual resync must be performed on the resource if mappings are changed.</li> </ul>
<p>Delete</p>	<ul style="list-style-type: none"> <li>• When the EL Services Start and End Dates are changed so that they no longer overlap the Enrollment.</li> <li>• When the Enrollment Start and End Dates are changed so that they no longer overlap the EL Services record.</li> <li>• When the EL Services record is deleted.</li> <li>• When the Enrollment is deleted.</li> <li>• When the student is now excluded in some way.</li> <li>• When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.</li> </ul>

**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	<b>studentNeedDescriptor</b> ( <i>string</i> )	<p>The student need descriptor code</p> <p>Reports <b>LEPS</b> (English Language Learner).</p> <p>✔ CATs</p>	M	N/A	N/A	EXT
2	<b>studentNeedEntryDate</b> ( <i>date</i> )	<p>The date the student began the state of having the Need.</p> <p>Report the latest of the following dates:</p> <ul style="list-style-type: none"> <li>• <b>EL Service Start Date</b> <ul style="list-style-type: none"> <li>• Enrollment End Date must be NULL or after EL Service Start Date.</li> <li>• If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.                             <ul style="list-style-type: none"> <li>• See the "ZZZ" article for more information on specific logic.</li> </ul> </li> <li>• ✔ <b>INTERNAL NOTE</b> Internal documentation on ZZZ Enrollments: Arizona (AZ) 'ZZZ' Enrollments</li> </ul> </li> <li>• <b>Enrollment Start Date</b> <ul style="list-style-type: none"> <li>• EL Services End Date must be after the Enrollment Start Date.</li> <li>• If the Enrollment is part of a "ZZZ" chain of enrollments, uses the <b>Enrollment Start Date</b> from the <b>FIRST</b> enrollment in the "ZZZ" chain.                             <ul style="list-style-type: none"> <li>• See the "ZZZ" article for more information on specific logic.</li> </ul> </li> <li>• ✔ <b>INTERNAL NOTE</b> Internal documentation on ZZZ Enrollments: Arizona (AZ) 'ZZZ' Enrollments</li> </ul> </li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Report the future nearest instructional date if the calculated date is not an instructional day.                             <ul style="list-style-type: none"> <li>• Example:                                     <ul style="list-style-type: none"> <li>• 10/13/2023 is the calculated date. This is not an instructional day.</li> <li>• 10/14/2023 is not an instructional day.</li> <li>• 10/15/2023 <b>IS</b> an instructional day.</li> <li>• We would report 10/15/2023.</li> </ul> </li> </ul> </li> </ul> <p>✔ CATs</p>	M	English Learner (EL) Services Enrollments	LepService.startDate Enrollment.startDate	EXT
3	<b>educationOrganizationReference</b> ( <i>reference</i> )	<p>A reference to the Schools resource associated with the Student Program Association being reported.</p> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>• educationOrganizationId = <b>School Entity ID</b></li> </ul> <p>✔ CATs</p>	M	School Information	School.entityID	EXT
4	<b>studentReference</b> ( <i>reference</i> )	<p>A reference to the Students resource associated with the Student Program Association being reported.</p> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	M	N/A	N/A	EXT



		<p>reports the needs that are part of the Natural Key for the student's resource.</p> <p>✔ CATs</p>				
5	studentNeedExitDate (date)	<p><i>The date the student exited the state of having the Need.</i></p> <p>Report the earliest of the following dates:</p> <ul style="list-style-type: none"> <li>EL Service End Date</li> <li>Enrollment End Date                             <ul style="list-style-type: none"> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.</li> <li>See the "ZZZ" article for more information on specific logic.</li> </ul> </li> <li>✔ INTERNAL NOTE Internal documentation on ZZZ Enrollments: Arizona (AZ) 'ZZZ' Enrollments</li> </ul> <p>• Last Instructional Day of the Calendar</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>Report the past nearest instructional date if the calculated date is not an instructional day.                             <ul style="list-style-type: none"> <li>Example:                                     <ul style="list-style-type: none"> <li>2/13/2023 is the calculated date. This is not an instructional day.</li> <li>2/12/2023 is not an instructional day.</li> <li>2/11/2023 <b>IS</b> an instructional day.</li> <li>We would report 2/11/2023.</li> </ul> </li> </ul> </li> <li>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.</li> </ul> <p>✔ CATs</p>	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)

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#### Object Triggering Logic

Action	Business Rule(s)
Post	<p>Report a record when a student has a FRAM record that overlaps an enrollment in the current configured year.</p> <ul style="list-style-type: none"> <li>• A record is only reported for FRAM records and Enrollments in the same School Year as the Ed-Fi Connection sending the record.               <ul style="list-style-type: none"> <li>◦ School Year dates are defined in School Year Setup.                   <ul style="list-style-type: none"> <li>▪ If Start Date is NULL, 07/01/StartYear will be used.</li> <li>▪ If End Date is NULL, 06/30/EndYear will be used.</li> </ul> </li> </ul> </li> <li>• Do not report a record if the any of the following exclusions are present:               <ul style="list-style-type: none"> <li>◦ Enrollment State Exclude</li> <li>◦ Enrollment No Show</li> <li>◦ Enrollment Grade Exclude from State Reporting</li> <li>◦ Enrollment Start Status is <i>E: NON-SAIS DISTRICT USE ONLY!</i></li> <li>◦ Calendar Exclude</li> <li>◦ School Exclude</li> </ul> </li> <li>• If there are multiple enrollments, use the following priority list to determine which one should report:               <ul style="list-style-type: none"> <li>◦ Local Service Type of Primary                   <ul style="list-style-type: none"> <li>▪ Primary local service types will always report if they are different Start Dates</li> <li>▪ If the same Start Date, the earliest Enrollment ID will be used.</li> </ul> </li> <li>◦ Local Service Type other than Primary                   <ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ The priority order for these Local Service Types are:                       <ul style="list-style-type: none"> <li>• T: AOI</li> <li>• A: Ancillary</li> <li>• O: Program Only</li> </ul> </li> </ul> </li> </ul> </li> </ul>



<p>Delete/Post</p> <p>Put</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> <li>When the following information on a FRAM record is changed:             <ul style="list-style-type: none"> <li>FRAM Record ID (New FRAM record)</li> <li>Start Date</li> <li>End Date</li> <li>Eligibility</li> </ul> </li> <li>When the following information on an Enrollment is changed:             <ul style="list-style-type: none"> <li>Enrollment ID (New Enrollment)</li> <li>Start Date</li> <li>End Date</li> <li>No Show</li> <li>State Exclude</li> </ul> </li> <li>Changes to Resource Preferences mappings <b>do NOT trigger</b>. A manual resync must be performed on the resource if mappings are changed.</li> </ul>
<p>Delete</p>	<ul style="list-style-type: none"> <li>When the enrollment being reported off of is deleted.</li> <li>When the enrollment is changed to no longer overlap the configured year.</li> <li>When the student is excluded through their enrollment, calendar, grade level, or school.</li> <li>When the FRAM record being reported off of is deleted.</li> <li>When the FRAM record is changed to no longer overlap the enrollment in the current configured year.</li> <li>When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.</li> </ul>

**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)
<sup>1</sup> <b>studentNeedDescriptor</b> (string)	<p><i>The student need descriptor code</i></p> <hr/> <p>Reports the Ed-Fi Code mapped to the value selected for <b>Eligibility</b>.</p> <ul style="list-style-type: none"> <li>This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource.</li> </ul>	M	FRAM Eligibility	POSEligibility .eligibility	EXT



<p>2 <b>studentNeedEntryDate</b> (date)</p>	<p><i>The date the student began the state of having the Need.</i></p> <hr/> <p>Report the latest of the following dates:</p> <ul style="list-style-type: none"> <li>• <b>FRAM Start Date</b> <ul style="list-style-type: none"> <li>◦ Enrollment End Date must be NULL or after FRAM Start Date.</li> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.                             <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li>• <b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> <li>• <b>Enrollment Start Date</b> <ul style="list-style-type: none"> <li>◦ FRAM End Date must be after the Enrollment Start Date.</li> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, uses the <b>Enrollment Start Date</b> from the <b>FIRST</b> enrollment in the "ZZZ" chain.                             <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li>• <b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Report the future nearest instructional date if the calculated date is not an instructional day.             <ul style="list-style-type: none"> <li>◦ Example:                 <ul style="list-style-type: none"> <li>▪ 10/13/2023 is the calculated date. This is not an instructional day.</li> <li>▪ 10/14/2023 is not an instructional day.</li> <li>▪ 10/15/2023 <b>IS</b> an instructional day.</li> <li>▪ We would report 10/15/2023.</li> </ul> </li> </ul> </li> </ul>	<p>M</p>	<p>FRAM Eligibility Enrollments</p>	<p>POSEligibility .startDate Enrollment .startDate</p>	<p>EXT</p>
<p>3 <b>educationOrganizationReference</b> (reference)</p>	<p><i>A reference to the Schools resource associated with the Student Program Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>• educationOrganizationId = <b>School Entity ID</b></li> </ul>	<p>M</p>	<p>School Information</p>	<p>School .entityID</p>	<p>EXT</p>
<p>4 <b>studentReference</b> (reference)</p>	<p><i>A reference to the Students resource associated with the Student Program Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	<p>M</p>	<p>N/A</p>	<p>N/A</p>	<p>EXT</p>



5	studentNeedExitDate (date)	<p><i>The date the student exited the state of having the Need.</i></p> <hr/> <p>Report the earliest of the following dates:</p> <ul style="list-style-type: none"> <li>• FRAM End Date</li> <li>• Enrollment End Date             <ul style="list-style-type: none"> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.                 <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> <li>▪ <b>INTERNAL NOTE</b></li> </ul> </li> </ul> </li> <li>• Last Instructional Day of the Calendar</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Report the past nearest instructional date if the calculated date is not an instructional day.             <ul style="list-style-type: none"> <li>◦ Example:                 <ul style="list-style-type: none"> <li>▪ 2/13/2023 is the calculated date. This is not an instructional day.</li> <li>▪ 2/12/2023 is not an instructional day.</li> <li>▪ 2/11/2023 <b>IS</b> an instructional day.</li> <li>▪ We would report 2/11/2023.</li> </ul> </li> </ul> </li> <li>• 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.</li> </ul>	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

Click here to expand...

*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)
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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.
    - The priority order for these Local Service Types are:
      - T: AOI
      - A: Ancillary
      - O: Program Only
- Do not report a record if the any of the following exclusions are present:
  - Enrollment State Exclude
  - Enrollment No Show
  - Enrollment Grade Exclude from State Reporting
  - Enrollment Start Status is *E: NON-SAIS DISTRICT USE ONLY!*
  - Calendar Exclude
  - School Exclude
  - Enrollments with a Local Service Type **OTHER THAN P: Primary** or *T: AOI* must have their Resident District match one of the following to report:
    - The State District Number for the district on the site
    - One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.



<p>Delete/Post</p> <p>Put</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> <li>• When the following information on the student's associated Flag record is changed:             <ul style="list-style-type: none"> <li>◦ Flag ID (New Flag record)</li> <li>◦ Start Date</li> <li>◦ End Date</li> <li>◦ State Program Code</li> <li>◦ Exit Reason</li> </ul> </li> <li>• When the following information on the student's associated Program record is changed:             <ul style="list-style-type: none"> <li>◦ Program ID (New Program record)</li> <li>◦ Start Date</li> <li>◦ End Date</li> <li>◦ State Program Code</li> <li>◦ Exit Reason</li> </ul> </li> <li>• When the following information on the student's associated Enrollment changes:             <ul style="list-style-type: none"> <li>◦ Enrollment ID (New Enrollment)</li> <li>◦ No Show</li> <li>◦ State Exclude</li> <li>◦ Start Date</li> <li>◦ End Date</li> <li>◦ Start Status</li> <li>◦ Local Service Type</li> </ul> </li> <li>• Changes to Resource Preferences mappings <b>do NOT trigger</b>. A manual resync must be performed on the resource if mappings are changed.</li> </ul>
<p>Delete</p>	<ul style="list-style-type: none"> <li>• When the Flag/Program Start and End Dates are changed so that they no longer overlap the Enrollment.</li> <li>• When the Enrollment Start and End Dates are changed so that they no longer overlap the Flag/Program.</li> <li>• When the Flag/Program record is deleted.</li> <li>• When the Enrollment is deleted.</li> <li>• When the student is now excluded in some way.</li> <li>• When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.</li> </ul>

**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 <b>studentNeedDescriptor</b> (string)	<p><i>The student need descriptor code</i></p> <hr/> <p>Reports the Ed-Fi Code mapped to the value selected for the <b>Program Participation Need</b> (Need) on the associated Flag/Program.</p> <ul style="list-style-type: none"> <li>This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource.</li> </ul>	M	N/A	N/A	EXT
2 <b>studentNeedEntryDate</b> (date)	<p><i>The date the student began the state of having the Need.</i></p> <hr/> <p>Report the latest of the following dates:</p> <ul style="list-style-type: none"> <li><b>Flag/Program Start Date</b> <ul style="list-style-type: none"> <li>Enrollment End Date must be NULL or after Flag/Program Start Date.</li> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.               <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li><b>INTERNAL NOTE</b> <ul style="list-style-type: none"> <li>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></li> </ul> </li> <li><b>Enrollment Start Date</b> <ul style="list-style-type: none"> <li>Flag/Program End Date must be after the Enrollment Start Date.</li> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, uses the <b>Enrollment Start Date</b> from the <b>FIRST</b> enrollment in the "ZZZ" chain.               <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li><b>INTERNAL NOTE</b> <ul style="list-style-type: none"> <li>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></li> </ul> </li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>Report the future nearest instructional date if the calculated date is not an instructional day.           <ul style="list-style-type: none"> <li>Example:               <ul style="list-style-type: none"> <li>10/13/2023 is the calculated date. This is not an instructional day.</li> <li>10/14/2023 is not an instructional day.</li> <li>10/15/2023 <b>IS</b> an instructional day.</li> <li>We would report 10/15/2023.</li> </ul> </li> </ul> </li> </ul>	M	Flags Programs Enrollments	ProgramParticipation.startDate  Enrollment.startDate	EXT



3	<b>educationOrganizationReference</b> (reference)	<p>A reference to the Schools resource associated with the Student Program Association being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>educationOrganizationId = <b>School Entity ID</b></li> </ul>	M	School Information	School .entityID	EXT
4	<b>studentReference</b> (reference)	<p>A reference to the Students resource associated with the Student Program Association being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	M	N/A	N/A	EXT
5	<b>studentNeedExitDate</b> (date)	<p>The date the student exited the state of having the Need.</p> <hr/> <p>Report the earliest of the following dates:</p> <ul style="list-style-type: none"> <li>Flag/Program End Date</li> <li>Enrollment End Date <ul style="list-style-type: none"> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain. <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li><b>INTERNAL NOTE</b> Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></li> <li>Last Instructional Day of the Calendar</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>Report the past nearest instructional date if the calculated date is not an instructional day. <ul style="list-style-type: none"> <li>Example: <ul style="list-style-type: none"> <li>2/13/2023 is the calculated date. This is not an instructional day.</li> <li>2/12/2023 is not an instructional day.</li> <li>2/11/2023 <b>IS</b> an instructional day.</li> <li>We would report 2/11/2023.</li> </ul> </li> </ul> </li> <li>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.</li> </ul>	C	Flags Programs Enrollments	ProgramParticipation .endDate Enrollment .endDate	EXT
6	<b>isAncillary</b>	This is optional, does not report.	O	N/A	N/A	EXT
7	<b>primaryStudentNeedIndicator</b>	This is optional, does not report.	O	N/A	N/A	EXT



## Gifted

Click here to expand...

### Object Triggering Logic

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

Action	Business Rule(s)
Post	<p>When the student has a Gifted record that overlaps an Enrollment in the configured year.</p> <ul style="list-style-type: none"> <li>• A record is only reported for Gifted records and Enrollments in the same School Year as the Ed-Fi Connection sending the record. <ul style="list-style-type: none"> <li>◦ School Year dates are defined in School Year Setup. <ul style="list-style-type: none"> <li>▪ If Start Date is NULL, 07/01/StartYear will be used.</li> <li>▪ If End Date is NULL, 06/30/EndYear will be used.</li> </ul> </li> </ul> </li> <li>• If there are multiple enrollments, use the following priority list to determine which one should report: <ul style="list-style-type: none"> <li>◦ Local Service Type of Primary <ul style="list-style-type: none"> <li>▪ Primary local service types will always report if they are different Start Dates</li> <li>▪ If the same Start Date, the earliest Enrollment ID will be used.</li> </ul> </li> <li>◦ Local Service Type other than Primary <ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ The priority order for these Local Service Types are: <ul style="list-style-type: none"> <li>• T: AOI</li> <li>• A: Ancillary</li> <li>• O: Program Only</li> </ul> </li> </ul> </li> </ul> </li> <li>• Do not report a record if the any of the following exclusions are present: <ul style="list-style-type: none"> <li>◦ Enrollment State Exclude</li> <li>◦ Enrollment No Show</li> <li>◦ Enrollment Grade Exclude from State Reporting</li> <li>◦ Enrollment Start Status is <i>E: NON-SAIS DISTRICT USE ONLY!</i></li> <li>◦ Calendar Exclude</li> <li>◦ School Exclude</li> <li>◦ Enrollments with a Local Service Type <b>OTHER THAN P: Primary</b> or <i>T: AOI</i> must have their Resident District match one of the following to report: <ul style="list-style-type: none"> <li>▪ The State District Number for the district on the site</li> <li>▪ One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.</li> </ul> </li> </ul> </li> </ul>



<p>Delete/Post</p> <p>Put</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> <li>When the following information on the student's associated <i>Gifted Record</i> is changed:             <ul style="list-style-type: none"> <li>Gifted ID (New Gifted Program)</li> <li>Start Date</li> <li>End Date</li> <li>No Gifted Program</li> </ul> </li> <li>When the following information on the student's associated Enrollment changes:             <ul style="list-style-type: none"> <li>Enrollment ID (New Enrollment)</li> <li>No Show</li> <li>State Exclude</li> <li>Start Date</li> <li>End Date</li> <li>Start Status</li> <li>Local Service Type</li> </ul> </li> <li>Changes to Resource Preferences mappings <b>do NOT trigger</b>. A manual resync must be performed on the resource if mappings are changed.</li> </ul>
<p>Delete</p>	<ul style="list-style-type: none"> <li>When the <i>Gifted Program</i> Start and End Dates are changed so that they no longer overlap the Enrollment.</li> <li>When the Enrollment Start and End Dates are changed so that they no longer overlap the <i>Gifted Program</i>.</li> <li>When the <i>Gifted Program</i> is deleted.</li> <li>When the Enrollment is deleted.</li> <li>When the student is now excluded in some way.</li> <li>When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.</li> </ul>

**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



<p>1 <b>studentNeedDescriptor</b> (string)</p>	<p><i>The student need descriptor code</i></p> <hr/> <p>Reports the Ed-Fi Code mapped to the value selected for the <b>Gifted Need</b>.</p> <ul style="list-style-type: none"> <li>This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource.</li> </ul>	M	N/A	N/A	EXT
<p>2 <b>studentNeedEntryDate</b> (date)</p>	<p><i>The date the student began the state of having the Need.</i></p> <hr/> <p>Report the latest of the following dates:</p> <ul style="list-style-type: none"> <li><b>Gifted Start Date</b> <ul style="list-style-type: none"> <li>Enrollment End Date must be NULL or after Gifted Start Date.</li> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.                             <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li><b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> <li><b>Enrollment Start Date</b> <ul style="list-style-type: none"> <li>Gifted End Date must be after the Enrollment Start Date.</li> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, uses the <b>Enrollment Start Date</b> from the <b>FIRST</b> enrollment in the "ZZZ" chain.                             <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li><b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>Report the future nearest instructional date if the calculated date is not an instructional day.             <ul style="list-style-type: none"> <li>Example:                 <ul style="list-style-type: none"> <li>10/13/2023 is the calculated date. This is not an instructional day.</li> <li>10/14/2023 is not an instructional day.</li> <li>10/15/2023 <b>IS</b> an instructional day.</li> <li>We would report 10/15/2023.</li> </ul> </li> </ul> </li> </ul>	M	Gifted Enrollments	Gifted .startDate Enrollment .startDate	EXT



3	<b>educationOrganizationReference</b> (reference)	<p>A reference to the Schools resource associated with the Student Program Association being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>educationOrganizationId = <b>School Entity ID</b></li> </ul>	M	School Information	School .entityID	EXT
4	<b>studentReference</b> (reference)	<p>A reference to the Students resource associated with the Student Program Association being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	M	N/A	N/A	EXT
5	<b>studentNeedExitDate</b> (date)	<p>The date the student exited the state of having the Need.</p> <hr/> <p>Report the earliest of the following dates:</p> <ul style="list-style-type: none"> <li>Gifted End Date</li> <li>Enrollment End Date           <ul style="list-style-type: none"> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.               <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li><b>INTERNAL NOTE</b> Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></li> <li>Last Instructional Day of the Calendar</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>Report the past nearest instructional date if the calculated date is not an instructional day.           <ul style="list-style-type: none"> <li>Example:               <ul style="list-style-type: none"> <li>2/13/2023 is the calculated date. This is not an instructional day.</li> <li>2/12/2023 is not an instructional day.</li> <li>2/11/2023 <b>IS</b> an instructional day.</li> <li>We would report 2/11/2023.</li> </ul> </li> </ul> </li> <li>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.</li> </ul>	C	Gifted Enrollments	Gifted .endDate Enrollment .endDate	EXT
6	<b>isAncillary</b>	<p>This is optional, does not report.</p>	O	N/A	N/A	EXT
7	<b>primaryStudentNeedIndicator</b>	<p>This is optional, does not report.</p>	O	N/A	N/A	EXT



## Homebound / Hospitalized

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### Object Triggering Logic

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

Action	Business Rule(s)
Post	<p>When the student has a Homebound record that overlaps an Enrollment in the configured year.</p> <ul style="list-style-type: none"> <li>• A record is only reported for Homebound records and Enrollments in the same School Year as the Ed-Fi Connection sending the record. <ul style="list-style-type: none"> <li>◦ School Year dates are defined in School Year Setup. <ul style="list-style-type: none"> <li>▪ If Start Date is NULL, 07/01/StartYear will be used.</li> <li>▪ If End Date is NULL, 06/30/EndYear will be used.</li> </ul> </li> </ul> </li> <li>• If there are multiple enrollments, use the following priority list to determine which one should report: <ul style="list-style-type: none"> <li>◦ Local Service Type of Primary <ul style="list-style-type: none"> <li>▪ Primary local service types will always report if they are different Start Dates</li> <li>▪ If the same Start Date, the earliest Enrollment ID will be used.</li> </ul> </li> <li>◦ Local Service Type other than Primary <ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ The priority order for these Local Service Types are: <ul style="list-style-type: none"> <li>• T: AOI</li> <li>• A: Ancillary</li> <li>• O: Program Only</li> </ul> </li> </ul> </li> </ul> </li> <li>• Do not report a record if the any of the following exclusions are present: <ul style="list-style-type: none"> <li>◦ Enrollment State Exclude</li> <li>◦ Enrollment No Show</li> <li>◦ Enrollment Grade Exclude from State Reporting</li> <li>◦ Enrollment Start Status is <i>E: NON-SAIS DISTRICT USE ONLY!</i></li> <li>◦ Calendar Exclude</li> <li>◦ School Exclude</li> <li>◦ Enrollments with a Local Service Type <b>OTHER THAN P: Primary</b> or <i>T: AOI</i> must have their Resident District match one of the following to report: <ul style="list-style-type: none"> <li>▪ The State District Number for the district on the site</li> <li>▪ One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.</li> </ul> </li> </ul> </li> </ul>



<p>Delete/Post</p> <p>Put</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> <li>When the following information on the student's associated <i>Gifted Record</i> is changed:             <ul style="list-style-type: none"> <li>Homebound ID (New Homebound Program)</li> <li>Start Date</li> <li>End Date</li> </ul> </li> <li>When the following information on the student's associated Enrollment changes:             <ul style="list-style-type: none"> <li>Enrollment ID (New Enrollment)</li> <li>No Show</li> <li>State Exclude</li> <li>Start Date</li> <li>End Date</li> <li>Start Status</li> <li>Local Service Type</li> </ul> </li> <li>Changes to Resource Preferences mappings <b>do NOT trigger</b>. A manual resync must be performed on the resource if mappings are changed.</li> </ul>
<p>Delete</p>	<ul style="list-style-type: none"> <li>When the <i>Homebound Program</i> Start and End Dates are changed so that they no longer overlap the Enrollment.</li> <li>When the Enrollment Start and End Dates are changed so that they no longer overlap the <i>Homebound Program</i>.</li> <li>When the <i>Homebound Program</i> is deleted.</li> <li>When the Enrollment is deleted.</li> <li>When the student is now excluded in some way.</li> <li>When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.</li> </ul>

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



<p>2 <b>studentNeedEntryDate</b> (date)</p>	<p><i>The date the student began the state of having the Need.</i></p> <hr/> <p>Report the latest of the following dates:</p> <ul style="list-style-type: none"> <li>• <b>Homebound Start Date</b> <ul style="list-style-type: none"> <li>◦ Enrollment End Date must be NULL or after Homebound Start Date.</li> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.                             <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li>• <b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> <li>• <b>Enrollment Start Date</b> <ul style="list-style-type: none"> <li>◦ Homebound End Date must be after the Enrollment Start Date.</li> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, uses the <b>Enrollment Start Date</b> from the <b>FIRST</b> enrollment in the "ZZZ" chain.                             <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li>• <b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Report the future nearest instructional date if the calculated date is not an instructional day.             <ul style="list-style-type: none"> <li>◦ Example:                 <ul style="list-style-type: none"> <li>▪ 10/13/2023 is the calculated date. This is not an instructional day.</li> <li>▪ 10/14/2023 is not an instructional day.</li> <li>▪ 10/15/2023 <b>IS</b> an instructional day.</li> <li>▪ We would report 10/15/2023.</li> </ul> </li> </ul> </li> </ul>	<p>M</p>	<p>Homebound Enrollments</p>	<p>Homebound .startDate  Enrollment .startDate</p>	<p>EXT</p>
<p>3 <b>educationOrganizationReference</b> (reference)</p>	<p><i>A reference to the Schools resource associated with the Student Program Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>• educationOrganizationId = <b>School Entity ID</b></li> </ul>	<p>M</p>	<p>School Information</p>	<p>School .entityID</p>	<p>EXT</p>
<p>4 <b>studentReference</b> (reference)</p>	<p><i>A reference to the Students resource associated with the Student Program Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	<p>M</p>	<p>N/A</p>	<p>N/A</p>	<p>EXT</p>



5	studentNeedExitDate (date)	<p>The date the student exited the state of having the Need.</p> <hr/> <p>Report the earliest of the following dates:</p> <ul style="list-style-type: none"> <li>• Homebound End Date</li> <li>• Enrollment End Date             <ul style="list-style-type: none"> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.                 <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> <li>▪ <b>INTERNAL NOTE</b></li> </ul> </li> </ul> <p style="margin-left: 40px;">Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> <ul style="list-style-type: none"> <li>• Last Instructional Day of the Calendar</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Report the past nearest instructional date if the calculated date is not an instructional day.             <ul style="list-style-type: none"> <li>◦ Example:                 <ul style="list-style-type: none"> <li>▪ 2/13/2023 is the calculated date. This is not an instructional day.</li> <li>▪ 2/12/2023 is not an instructional day.</li> <li>▪ 2/11/2023 <b>IS</b> an instructional day.</li> <li>▪ We would report 2/11/2023.</li> </ul> </li> </ul> </li> <li>• 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.</li> </ul>	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

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### 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	<p>When the student has a Section 504 record that overlaps an Enrollment in the configured year.</p> <ul style="list-style-type: none"> <li>• A record is only reported for Section 504 records and Enrollments in the same School Year as the Ed-Fi Connection sending the record. <ul style="list-style-type: none"> <li>◦ School Year dates are defined in School Year Setup. <ul style="list-style-type: none"> <li>▪ If Start Date is NULL, 07/01/StartYear will be used.</li> <li>▪ If End Date is NULL, 06/30/EndYear will be used.</li> </ul> </li> </ul> </li> <li>• If there are multiple enrollments, use the following priority list to determine which one should report: <ul style="list-style-type: none"> <li>◦ Local Service Type of Primary <ul style="list-style-type: none"> <li>▪ Primary local service types will always report if they are different Start Dates</li> <li>▪ If the same Start Date, the earliest Enrollment ID will be used.</li> </ul> </li> <li>◦ Local Service Type other than Primary <ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ The priority order for these Local Service Types are: <ul style="list-style-type: none"> <li>• T: AOI</li> <li>• A: Ancillary</li> <li>• O: Program Only</li> </ul> </li> </ul> </li> </ul> </li> <li>• Do not report a record if the any of the following exclusions are present: <ul style="list-style-type: none"> <li>◦ Enrollment State Exclude</li> <li>◦ Enrollment No Show</li> <li>◦ Enrollment Grade Exclude from State Reporting</li> <li>◦ Enrollment Start Status is <i>E: NON-SAIS DISTRICT USE ONLY!</i></li> <li>◦ Calendar Exclude</li> <li>◦ School Exclude</li> <li>◦ No disabilities populated on the Section 504 record</li> <li>◦ Enrollments with a Local Service Type <b>OTHER THAN P: Primary</b> or <i>T: AOI</i> must have their Resident District match one of the following to report: <ul style="list-style-type: none"> <li>▪ The State District Number for the district on the site</li> <li>▪ One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.</li> </ul> </li> </ul> </li> </ul>



<p>Delete/Post</p> <p>Put</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> <li>When the following information on the student's associated <i>Section 504 Record</i> is changed:             <ul style="list-style-type: none"> <li>Section 504 ID (New Section 504 Program)</li> <li>Start Date</li> <li>End Date</li> </ul> </li> <li>When the following information on the student's associated Enrollment changes:             <ul style="list-style-type: none"> <li>Enrollment ID (New Enrollment)</li> <li>No Show</li> <li>State Exclude</li> <li>Start Date</li> <li>End Date</li> <li>Start Status</li> <li>Local Service Type</li> </ul> </li> <li>Changes to Resource Preferences mappings <b>do NOT trigger</b>. A manual resync must be performed on the resource if mappings are changed.</li> </ul>
<p>Delete</p>	<ul style="list-style-type: none"> <li>When the Section 504 Program Start and End Dates are changed so that they no longer overlap the Enrollment.</li> <li>When the Enrollment Start and End Dates are changed so that they no longer overlap the Section 504 Program.</li> <li>When the Section 504 Program is deleted.</li> <li>When the Enrollment is deleted.</li> <li>When the student is now excluded in some way.</li> <li>When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.</li> </ul>

**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



<p>1 <b>studentNeedDescriptor</b> (string)</p>	<p><i>The student need descriptor code</i></p> <hr/> <p>Reports the Ed-Fi Code mapped to the value selected for the <b>Disability</b>.</p> <ul style="list-style-type: none"> <li>This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource.</li> <li>One Student Needs record will report per unique Ed-Fi Code.</li> </ul>	M	N/A	N/A	EXT
<p>2 <b>studentNeedEntryDate</b> (date)</p>	<p><i>The date the student began the state of having the Need.</i></p> <hr/> <p>Report the latest of the following dates:</p> <ul style="list-style-type: none"> <li><b>Section 504 Start Date</b> <ul style="list-style-type: none"> <li>Enrollment End Date must be NULL or after Section 504 Start Date.</li> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain. <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li><b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> <li><b>Enrollment Start Date</b> <ul style="list-style-type: none"> <li>Section 504 End Date must be after the Enrollment Start Date.</li> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, uses the <b>Enrollment Start Date</b> from the <b>FIRST</b> enrollment in the "ZZZ" chain. <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li><b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>Report the future nearest instructional date if the calculated date is not an instructional day. <ul style="list-style-type: none"> <li>Example: <ul style="list-style-type: none"> <li>10/13/2023 is the calculated date. This is not an instructional day.</li> <li>10/14/2023 is not an instructional day.</li> <li>10/15/2023 <b>IS</b> an instructional day.</li> <li>We would report 10/15/2023.</li> </ul> </li> </ul> </li> </ul>	M	Section 504 Enrollments	Section504 .startDate Enrollment .startDate	EXT



3	<b>educationOrganizationReference</b> ( <i>reference</i> )	<p>A reference to the Schools resource associated with the Student Program Association being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>educationOrganizationId = <b>School Entity ID</b></li> </ul>	M	School Information	School .entityID	EXT
4	<b>studentReference</b> ( <i>reference</i> )	<p>A reference to the Students resource associated with the Student Program Association being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	M	N/A	N/A	EXT
5	<b>studentNeedExitDate</b> ( <i>date</i> )	<p>The date the student exited the state of having the Need.</p> <hr/> <p>Report the earliest of the following dates:</p> <ul style="list-style-type: none"> <li>Section 504 End Date</li> <li>Enrollment End Date             <ul style="list-style-type: none"> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.                 <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> <li><b>INTERNAL NOTE</b> Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></li> </ul> </li> </ul> </li> <li>Last Instructional Day of the Calendar</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>Report the past nearest instructional date if the calculated date is not an instructional day.             <ul style="list-style-type: none"> <li>Example:                 <ul style="list-style-type: none"> <li>2/13/2023 is the calculated date. This is not an instructional day.</li> <li>2/12/2023 is not an instructional day.</li> <li>2/11/2023 <b>IS</b> an instructional day.</li> <li>We would report 2/11/2023.</li> </ul> </li> </ul> </li> <li>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.</li> </ul>	C	Section 504 Enrollments	Section504 .endDate Enrollment .endDate	EXT
6	<b>isAncillary</b>	This is optional, does not report.	O	N/A	N/A	EXT
7	<b>primaryStudentNeedIndicator</b>	This is optional, does not report.	O	N/A	N/A	EXT





### Special Education - IEP

Click here to expand...

#### Object Triggering Logic

Action	Business Rule(s)
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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 *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
- 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
<sup>1</sup> <b>studentNeedDescriptor</b> (string)	<p><i>The student need descriptor code</i></p> <hr/> <p>Reports the Ed-Fi Code mapped to the value selected for the <b>Disability</b>.</p> <ul style="list-style-type: none"> <li>• This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource.</li> <li>• One Student Needs record will report per unique Ed-Fi Code.</li> </ul>	M	Special Ed Documents	PlanState .disability1 through disability7	EXT



<p>2 <b>studentNeedEntryDate</b> (date)</p>	<p><i>The date the student began the state of having the Need.</i></p> <hr/> <p>Report the latest of the following dates:</p> <ul style="list-style-type: none"> <li>• <b>IEP Start Date</b> <ul style="list-style-type: none"> <li>◦ Enrollment End Date must be NULL or after IEP Start Date.</li> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.           <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> <li>• <b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> </ul> </li> <li>• <b>Enrollment Start Date</b> <ul style="list-style-type: none"> <li>◦ IEP End Date must be after the Enrollment Start Date.</li> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, uses the <b>Enrollment Start Date</b> from the <b>FIRST</b> enrollment in the "ZZZ" chain.           <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> <li>• <b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> </ul> </li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Report the future nearest instructional date if the calculated date is not an instructional day.       <ul style="list-style-type: none"> <li>◦ Example:           <ul style="list-style-type: none"> <li>▪ 10/13/2023 is the calculated date. This is not an instructional day.</li> <li>▪ 10/14/2023 is not an instructional day.</li> <li>▪ 10/15/2023 <b>IS</b> an instructional day.</li> <li>▪ We would report 10/15/2023.</li> </ul> </li> </ul> </li> </ul>	<p>M</p>	<p>Special Ed Documents Enrollments</p>	<p>Plan .startDate Enrollment .startDate</p>	<p>EXT</p>
<p>3 <b>educationOrganizationReference</b> (reference)</p>	<p><i>A reference to the Schools resource associated with the Student Program Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>• Reports based on the value entered for <b>Primary SPED Services School</b> or <b>Secondary SPED Services School</b>.</li> <li>• For past versions of the Plan format, reports based on the value entered for <b>SPED Services School</b> with a Concurrency Type of Primary or Secondary.</li> </ul>	<p>M</p>	<p>N/A</p>	<p>N/A</p>	<p>EXT</p>



4	<b>studentReference</b> ( <i>reference</i> )  <i>A reference to the Students resource associated with the Student Program Association being reported.</i>  <hr/> <i>Reports the fields that are part of the Natural Key for the Students resource.</i>	M	N/A	N/A	EXT
5	<b>isAncillary</b>  <i>Indicates if the SPED Need as an Ancillary.</i>  <hr/> <ul style="list-style-type: none"> <li>• Reports <b>True</b> when Ancillary is checked.</li> <li>• Reports <b>False</b> in all other situations.</li> </ul>	M			EXT
6	<b>primaryStudentNeedIndicator</b>  <i>Indicates if the SPED Need being serviced is the Primary Need.</i>  <hr/> <ul style="list-style-type: none"> <li>• Reports <b>True</b> when reporting from the Primary Disability.</li> <li>• Reports <b>False</b> in all other situations.</li> </ul>	M			EXT



7	studentNeedExitDate (date)	<p>The date the student exited the state of having the Need.</p> <hr/> <ul style="list-style-type: none"> <li>• If the Enrollment End Date is <b>NOT</b> NULL (Has a value):             <ul style="list-style-type: none"> <li>◦ Reports the earliest of the following dates:                 <ul style="list-style-type: none"> <li>▪ <b>Exit Date</b> for the Evaluation with a Type of Exit.                     <ul style="list-style-type: none"> <li>• The Exit Date must be within the IEP Start Date and the IEP End Date to be considered.</li> </ul> </li> <li>▪ <b>Enrollment End Date</b> <ul style="list-style-type: none"> <li>• If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.                             <ul style="list-style-type: none"> <li>◦ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> <li>◦ <b>INTERNAL NOTE</b> <ul style="list-style-type: none"> <li>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></li> </ul> </li> </ul> </li> <li>▪ <b>IEP End Date</b></li> </ul> </li> </ul> </li> <li>• If the Enrollment End Date <b>IS</b> NULL (Does <b>NOT</b> have a value):             <ul style="list-style-type: none"> <li>◦ Confirm that at least one of the following is true to report a value:                 <ul style="list-style-type: none"> <li>▪ An IEP exists starting <b>immediately after</b> the Plan the record is reporting from.</li> <li>▪ The Plan reporting has an end date that is prior to the last instructional day of the school year.</li> <li>▪ The most recent Evaluation with Type Exit has an Exit Reason of SPED01 or SPED09.</li> </ul> </li> <li>◦ Report the earliest of the following dates:                 <ul style="list-style-type: none"> <li>▪ <b>IEP End Date</b></li> <li>▪ <b>Exit Date</b> for the Evaluation with a Type of Exit.                     <ul style="list-style-type: none"> <li>• The Exit Date must be within the IEP Start Date and the IEP End Date to be considered.</li> </ul> </li> <li>▪ <b>Last Instructional Day of the School Year</b></li> </ul> </li> <li>◦ When the LRE (SPED Setting) is <i>D: Public or Private Separate Day School for greater than 50% of the school day</i>, the endDate data element does <b>NOT</b> report until the associated enrollment has an end date.</li> </ul> </li> <li>• Does not report in all other situations.</li> </ul> <p><b>NOTES:</b></p> <ul style="list-style-type: none"> <li>• The end date being sent <b>must be an instructional day</b>. If the calculated date (using the logic above) is not an instructional day, report the <b>previous instructional day</b>.</li> </ul>	C	Special Ed Documents Enrollments	Plan .endDate Evaluation .endDate Enrollment .endDate	EXT
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- 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)

✓ [Click here to expand...](#)

#### Object Triggering Logic

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

Action	Business Rule(s)
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Post

When the school has a School History record that overlaps the configured year with Title 1 set to *Schoolwide Program* and at least one of the following checkboxes checked: Title 1 Math, Title 1 Other, Title 1 Reading, Title 1 Science, Title 1 Social Studies.

- 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.
    - The priority order for these Local Service Types are:
      - T: AOI
      - A: Ancillary
      - O: Program Only
- Do not report a record if the any of the following exclusions are present:
  - Enrollment State Exclude
  - Enrollment No Show
  - Enrollment Grade Exclude from State Reporting
  - Enrollment Start Status is *E: NON-SAIS DISTRICT USE ONLY!*
  - Calendar Exclude
  - School Exclude
  - Student has a Title 1 Individual record (Individual record reports instead of Schoolwide record)
  - Enrollments with a Local Service Type **OTHER THAN P: Primary** or **T: AOI** must have their Resident District match one of the following to report:
    - The State District Number for the district on the site
    - One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.



<p>Delete/Post</p> <p>Put</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> <li>When the following information on School History is changed:             <ul style="list-style-type: none"> <li>School History changes <b>DO NOT TRIGGER</b>. A manual resync is required on Student Program Associations if Title 1 Schoolwide configurations are changed.</li> </ul> </li> <li>When the following information on the student's associated Enrollment changes:             <ul style="list-style-type: none"> <li>Enrollment ID (New Enrollment)</li> <li>No Show</li> <li>State Exclude</li> <li>Start Date</li> <li>End Date</li> <li>Start Status</li> <li>Local Service Type</li> </ul> </li> <li>Changes to Resource Preferences mappings <b>do NOT trigger</b>. A manual resync must be performed on the resource if mappings are changed.</li> </ul>
<p>Delete</p>	<ul style="list-style-type: none"> <li>When the School History no longer reports a specific Title 1 record (Checkbox is unchecked).</li> <li>When the School History is deleted.</li> <li>When the Enrollment is deleted.</li> <li>When the student is now excluded in some way.</li> <li>When the student now has an individual Title 1 record that can report.</li> <li>When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.</li> </ul>

**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)
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<p>1 <b>studentNeedDescriptor</b> (string)</p>	<p><i>The student need descriptor code</i></p> <hr/> <p>Reports based on the below table:</p> <table border="1" data-bbox="594 362 1329 630"> <thead> <tr> <th>School History Checkbox</th> <th>Student Need Descriptor</th> </tr> </thead> <tbody> <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> </tbody> </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)																
<p>2 <b>studentNeedEntryDate</b> (date)</p>	<p><i>The date the student began the state of having the Need.</i></p> <hr/> <p>Report the <b>Enrollment Start Date</b></p> <ul style="list-style-type: none"> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, uses the <b>Enrollment Start Date</b> from the <b>FIRST</b> enrollment in the "ZZZ" chain. <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> <li><b>INTERNAL NOTE</b></li> <li>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></li> </ul> </li> <li>Report the future nearest instructional date if the Enrollment Start Date is not an instructional day. <ul style="list-style-type: none"> <li>Example: <ul style="list-style-type: none"> <li>10/13/2023 is the calculated date. This is not an instructional day.</li> <li>10/14/2023 is not an instructional day.</li> <li>10/15/2023 <b>IS</b> an instructional day.</li> <li>We would report 10/15/2023.</li> </ul> </li> </ul> </li> </ul>	M	Enrollments	Enrollment .startDate	EXT												
<p>3 <b>educationOrganizationReference</b> (reference)</p>	<p><i>A reference to the Schools resource associated with the Student Program Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>educationOrganizationId = <b>School Entity ID</b></li> </ul>	M	School Information	School .entityID	EXT												



4	studentReference (reference)	<p>A reference to the Students resource associated with the Student Program Association being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	M	N/A	N/A	EXT
5	studentNeedExitDate (date)	<p>The date the student exited the state of having the Need.</p> <hr/> <p>Report the earliest of the following dates:</p> <ul style="list-style-type: none"> <li>• Enrollment End Date <ul style="list-style-type: none"> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain. <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> <li>▪ <b>INTERNAL NOTE</b></li> </ul> </li> <li>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></li> </ul> </li> <li>• Last Instructional Day of the Calendar</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Report the past nearest instructional date if the calculated date is not an instructional day. <ul style="list-style-type: none"> <li>◦ Example: <ul style="list-style-type: none"> <li>▪ 2/13/2023 is the calculated date. This is not an instructional day.</li> <li>▪ 2/12/2023 is not an instructional day.</li> <li>▪ 2/11/2023 <b>IS</b> an instructional day.</li> <li>▪ We would report 2/11/2023.</li> </ul> </li> </ul> </li> <li>• 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.</li> </ul>	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)

Click here to expand...

### 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	<p>When the student has a Title 1 record that overlaps an Enrollment in the configured year.</p> <ul style="list-style-type: none"> <li>• If the student has an individual Title 1 record in a school that offers a Schoolwide Title 1 program(s), <b>only the individual Title 1 records will report.</b></li> <li>• A record is only reported for Title 1 records and Enrollments in the same School Year as the Ed-Fi Connection sending the record. <ul style="list-style-type: none"> <li>◦ School Year dates are defined in School Year Setup. <ul style="list-style-type: none"> <li>▪ If Start Date is NULL, 07/01/StartYear will be used.</li> <li>▪ If End Date is NULL, 06/30/EndYear will be used.</li> </ul> </li> </ul> </li> <li>• If there are multiple enrollments, use the following priority list to determine which one should report: <ul style="list-style-type: none"> <li>◦ Local Service Type of Primary <ul style="list-style-type: none"> <li>▪ Primary local service types will always report if they are different Start Dates</li> <li>▪ If the same Start Date, the earliest Enrollment ID will be used.</li> </ul> </li> <li>◦ Local Service Type other than Primary <ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ The priority order for these Local Service Types are: <ul style="list-style-type: none"> <li>• T: AOI</li> <li>• A: Ancillary</li> <li>• O: Program Only</li> </ul> </li> </ul> </li> </ul> </li> <li>• Do not report a record if the any of the following exclusions are present: <ul style="list-style-type: none"> <li>◦ Enrollment State Exclude</li> <li>◦ Enrollment No Show</li> <li>◦ Enrollment Grade Exclude from State Reporting</li> <li>◦ Enrollment Start Status is <i>E: NON-SAIS DISTRICT USE ONLY!</i></li> <li>◦ Calendar Exclude</li> <li>◦ School Exclude</li> <li>◦ Enrollments with a Local Service Type <b>OTHER THAN P: Primary</b> or <i>T: AOI</i> must have their Resident District match one of the following to report: <ul style="list-style-type: none"> <li>▪ The State District Number for the district on the site</li> <li>▪ One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.</li> </ul> </li> </ul> </li> </ul>



<p>Delete/Post</p> <p>Put</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> <li>When the following information on the student's associated Title 1 Record is changed:             <ul style="list-style-type: none"> <li>Title 1 Record ID (New Title 1 Record)</li> <li>School</li> <li>Start Date</li> <li>End Date</li> <li>Instructional Services</li> </ul> </li> <li>When the following information on the student's associated Enrollment changes:             <ul style="list-style-type: none"> <li>Enrollment ID (New Enrollment)</li> <li>No Show</li> <li>State Exclude</li> <li>Start Date</li> <li>End Date</li> <li>Start Status</li> <li>Local Service Type</li> </ul> </li> <li>Changes to Resource Preferences mappings <b>do NOT trigger</b>. A manual resync must be performed on the resource if mappings are changed.</li> </ul>
<p>Delete</p>	<ul style="list-style-type: none"> <li>When the Title 1 Program Start and End Dates are changed so that they no longer overlap the Enrollment.</li> <li>When the Enrollment Start and End Dates are changed so that they no longer overlap the Title 1 Program.</li> <li>When the Title 1 Program is deleted.</li> <li>When the Enrollment is deleted.</li> <li>When the student is now excluded in some way.</li> <li>When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.</li> </ul>

**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



<p>1 <b>studentNeedDescriptor</b> (string)</p>	<p><i>The student need descriptor code</i></p> <hr/> <p>Reports the Ed-Fi Code mapped to the value selected for the <b>Instructional Services</b>.</p> <ul style="list-style-type: none"> <li>This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Needs resource.</li> <li>One Student Needs record will report per unique Ed-Fi Code.</li> </ul>	<p>M</p>	<p>Title 1</p>	<p>Title1Services .title1Service</p>	<p>EXT</p>
<p>2 <b>studentNeedEntryDate</b> (date)</p>	<p><i>The date the student began the state of having the Need.</i></p> <hr/> <p>Report the latest of the following dates:</p> <ul style="list-style-type: none"> <li><b>Title 1 Start Date</b> <ul style="list-style-type: none"> <li>Enrollment End Date must be NULL or after Title 1 Start Date.</li> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.                             <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> <li><b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> </ul> </li> <li><b>Enrollment Start Date</b> <ul style="list-style-type: none"> <li>Title 1 End Date must be after the Enrollment Start Date.</li> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, uses the <b>Enrollment Start Date</b> from the <b>FIRST</b> enrollment in the "ZZZ" chain.                             <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> <li><b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> </ul> </li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>Report the future nearest instructional date if the calculated date is not an instructional day.             <ul style="list-style-type: none"> <li>Example:                 <ul style="list-style-type: none"> <li>10/13/2023 is the calculated date. This is not an instructional day.</li> <li>10/14/2023 is not an instructional day.</li> <li>10/15/2023 <b>IS</b> an instructional day.</li> <li>We would report 10/15/2023.</li> </ul> </li> </ul> </li> </ul>	<p>M</p>	<p>Title 1  Enrollments</p>	<p>Title1.startDate  Enrollment .startDate</p>	<p>EXT</p>



3	<b>educationOrganizationReference</b> (reference)	<p>A reference to the Schools resource associated with the Student Program Association being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>educationOrganizationId = <b>School Entity ID</b></li> </ul>	M	School Information	School .entityID	EXT
4	<b>studentReference</b> (reference)	<p>A reference to the Students resource associated with the Student Program Association being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	M	N/A	N/A	EXT
5	<b>studentNeedExitDate</b> (date)	<p>The date the student exited the state of having the Need.</p> <hr/> <p>Report the earliest of the following dates:</p> <ul style="list-style-type: none"> <li>Title 1 End Date</li> <li>Enrollment End Date           <ul style="list-style-type: none"> <li>If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.               <ul style="list-style-type: none"> <li>See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> <li><b>INTERNAL NOTE</b> Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></li> </ul> </li> </ul> </li> <li>Last Instructional Day of the Calendar</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>Report the past nearest instructional date if the calculated date is not an instructional day.           <ul style="list-style-type: none"> <li>Example:               <ul style="list-style-type: none"> <li>2/13/2023 is the calculated date. This is not an instructional day.</li> <li>2/12/2023 is not an instructional day.</li> <li>2/11/2023 <b>IS</b> an instructional day.</li> <li>We would report 2/11/2023.</li> </ul> </li> </ul> </li> <li>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.</li> </ul>	C	Title 1 Enrollments	Title1 .endDate Enrollment .endDate	EXT
6	<b>isAncillary</b>	<p>This is optional, does not report.</p>	O	N/A	N/A	EXT
7	<b>primaryStudentNeedIndicator</b>	<p>This is optional, does not report.</p>	O	N/A	N/A	EXT



## Unaccompanied Youth

Click here to expand...

### Object Triggering Logic

Homeless Programs are set up by the district/school and assigned to the student in Homeless.

Action	Business Rule(s)
Post	<p>When the student has a Homeless record that overlaps an Enrollment in the configured year <b>AND</b> that Homeless record has an Unaccompanied Youth value of <u>Yes</u>.</p> <ul style="list-style-type: none"> <li>• A record is only reported for Homeless records and Enrollments in the same School Year as the Ed-Fi Connection sending the record. <ul style="list-style-type: none"> <li>◦ School Year dates are defined in School Year Setup. <ul style="list-style-type: none"> <li>▪ If Start Date is NULL, 07/01/StartYear will be used.</li> <li>▪ If End Date is NULL, 06/30/EndYear will be used.</li> </ul> </li> </ul> </li> <li>• If there are multiple enrollments, use the following priority list to determine which one should report: <ul style="list-style-type: none"> <li>◦ Local Service Type of Primary <ul style="list-style-type: none"> <li>▪ Primary local service types will always report if they are different Start Dates</li> <li>▪ If the same Start Date, the earliest Enrollment ID will be used.</li> </ul> </li> <li>◦ Local Service Type other than Primary <ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ The priority order for these Local Service Types are: <ul style="list-style-type: none"> <li>• T: AOI</li> <li>• A: Ancillary</li> <li>• O: Program Only</li> </ul> </li> </ul> </li> </ul> </li> <li>• Do not report a record if the any of the following exclusions are present: <ul style="list-style-type: none"> <li>◦ Enrollment State Exclude</li> <li>◦ Enrollment No Show</li> <li>◦ Enrollment Grade Exclude from State Reporting</li> <li>◦ Enrollment Start Status is <i>E: NON-SAIS DISTRICT USE ONLY!</i></li> <li>◦ Calendar Exclude</li> <li>◦ School Exclude</li> <li>◦ Enrollments with a Local Service Type <b>OTHER THAN P: Primary</b> or <i>T: AOI</i> must have their Resident District match one of the following to report: <ul style="list-style-type: none"> <li>▪ The State District Number for the district on the site</li> <li>▪ One of the District Numbers in the multiple connections of the Ed-Fi Connection being reported out of.</li> </ul> </li> </ul> </li> </ul>



<p>Delete/Post</p> <p>Put</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> <li>When the following information on the student's associated Title 1 Record is changed:             <ul style="list-style-type: none"> <li>Homeless ID (New Homeless Record)</li> <li>Start Date</li> <li>End Date</li> <li>Unaccompanied Youth</li> </ul> </li> <li>When the following information on the student's associated Enrollment changes:             <ul style="list-style-type: none"> <li>Enrollment ID (New Enrollment)</li> <li>No Show</li> <li>State Exclude</li> <li>Start Date</li> <li>End Date</li> <li>Start Status</li> <li>Local Service Type</li> </ul> </li> <li>Changes to Resource Preferences mappings <b>do NOT trigger</b>. A manual resync must be performed on the resource if mappings are changed.</li> </ul>
<p>Delete</p>	<ul style="list-style-type: none"> <li>When the Homeless Program Start and End Dates are changed so that they no longer overlap the Enrollment.</li> <li>When the Enrollment Start and End Dates are changed so that they no longer overlap the Homeless Program.</li> <li>When the Homeless Program is deleted.</li> <li>When the Enrollment is deleted.</li> <li>When the student is now excluded in some way.</li> <li>When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.</li> </ul>

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



<p>2 <b>studentNeedEntryDate</b> (date)</p>	<p>The date the student began the state of having the Need.</p> <hr/> <p>Report the latest of the following dates:</p> <ul style="list-style-type: none"> <li>• <b>Homeless Start Date</b> <ul style="list-style-type: none"> <li>◦ Enrollment End Date must be NULL or after Homeless Start Date.</li> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.           <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li>• <b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> <li>• <b>Enrollment Start Date</b> <ul style="list-style-type: none"> <li>◦ Homeless End Date must be after the Enrollment Start Date.</li> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, uses the <b>Enrollment Start Date</b> from the <b>FIRST</b> enrollment in the "ZZZ" chain.           <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> </ul> </li> <li>• <b>INTERNAL NOTE</b> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> </li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Report the future nearest instructional date if the calculated date is not an instructional day.           <ul style="list-style-type: none"> <li>◦ Example:               <ul style="list-style-type: none"> <li>▪ 10/13/2023 is the calculated date. This is not an instructional day.</li> <li>▪ 10/14/2023 is not an instructional day.</li> <li>▪ 10/15/2023 <b>IS</b> an instructional day.</li> <li>▪ We would report 10/15/2023.</li> </ul> </li> </ul> </li> </ul>	<p>M</p>	<p>Homeless Enrollments</p>	<p>Homeless .startDate Enrollment .startDate</p>	<p>EXT</p>
<p>3 <b>educationOrganizationReference</b> (reference)</p>	<p>A reference to the Schools resource associated with the Student Program Association being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>• educationOrganizationId = <b>School Entity ID</b></li> </ul>	<p>M</p>	<p>School Information</p>	<p>School .entityID</p>	<p>EXT</p>
<p>4 <b>studentReference</b> (reference)</p>	<p>A reference to the Students resource associated with the Student Program Association being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	<p>M</p>	<p>N/A</p>	<p>N/A</p>	<p>EXT</p>



5	studentNeedExitDate (date)	<p>The date the student exited the state of having the Need.</p> <hr/> <p>Report the earliest of the following dates:</p> <ul style="list-style-type: none"> <li>• Homeless End Date</li> <li>• Enrollment End Date             <ul style="list-style-type: none"> <li>◦ If the Enrollment is part of a "ZZZ" chain of enrollments, reports the <b>Enrollment End Date</b> from the <b>LAST</b> enrollment in the "ZZZ" chain.                 <ul style="list-style-type: none"> <li>▪ See the <a href="#">"ZZZ" article</a> for more information on specific logic.</li> </ul> </li> <li>▪ <b>INTERNAL NOTE</b></li> </ul> </li> </ul> <p>Internal documentation on ZZZ Enrollments: <a href="#">Arizona (AZ) 'ZZZ' Enrollments</a></p> <ul style="list-style-type: none"> <li>• Last Instructional Day of the Calendar</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Report the past nearest instructional date if the calculated date is not an instructional day.             <ul style="list-style-type: none"> <li>◦ Example:                 <ul style="list-style-type: none"> <li>▪ 2/13/2023 is the calculated date. This is not an instructional day.</li> <li>▪ 2/12/2023 is not an instructional day.</li> <li>▪ 2/11/2023 <b>IS</b> an instructional day.</li> <li>▪ We would report 2/11/2023.</li> </ul> </li> </ul> </li> <li>• 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.</li> </ul>	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