

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

August  
2024

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

## Table of Contents

- [Summary](#)
- [Object Triggering Logic](#)
- [Required Resources \(Upstream\)](#)
- [Dependent Resources \(Downstream\)](#)
- [Error Log](#)
- [Object Data Elements Logic](#)
- [Appendix](#)

## Summary

This association represents the school food services program(s), such as the Free or Reduced Lunch Program, that a student participates in or from which the Student receives services.

---

## Object Triggering Logic

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

<p>Post</p>	<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>• 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>◦ Calendar Exclude</li> <li>◦ School Exclude</li> </ul> </li> <li>• To report a Student Food Service Program Association record, the FRAM record must meet one of the following criteria:             <ul style="list-style-type: none"> <li>◦ Originated from an application (POSEligibility.applicationID IS NOT NULL)</li> <li>◦ Source = Direct</li> <li>◦ Certification Type = Categorical, Homeless, Migrant, Runaway, or Head Start</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>◦ Primary &gt; Partial &gt; SPED</li> <li>◦ Earliest Start Date</li> <li>◦ Latest Enrollment ID</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>◦ State Eligibility Code</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> </ul>

Delete	<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></ul>
--------	--

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Local Education Agencies (Pre-populated)
- Schools (Pre-populated)
- Programs (Pre-populated)
- Students

Dependent Resources (Downstream)

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

- N/A

Error Log

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




Error Message	Possible Causes / How to Fix
N/A - Multiple error messages possible	Arizona pre-populates the Programs resource for each district with the programs offered at that district. If you are receiving a lot of errors on the resource, there is a good chance that you need to communicate with AzEDS to have them pre-populate the Programs resource for your district with the <b>National School Lunch Program and School Breakfast Program</b> program.

Object Data Elements Logic

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

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

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic  (✓ / ✗ / EXT)
1	<b>beginDate</b> (date)	<p><i>The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.</i></p> <hr/> <p>Reports the <b>Start Date</b> of the FRAM record being reported.</p>	M	FRAM	POSEligibility.startDate	✗
2	<b>educationOrganizationReference</b> (reference)	<p><i>A reference to the Schools resource associated with the Student School Food Service Program Associations being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the resource.</p> <ul style="list-style-type: none"> <li>educationOrganizationId = <b>School Entity ID</b></li> </ul>	M	School Information	School.entityID	✓

3	<b>programReference</b> ( <i>reference</i> )	<p><i>A reference to the Programs resource associated with the Student School Food Service Program Associations being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Programs resource.</p> <ul style="list-style-type: none"> <li>educationOrganizationId = <b>School Override District Entity ID</b> <ul style="list-style-type: none"> <li>If NULL, uses the <b>District Entity ID</b></li> </ul> </li> <li>programName = <b>National School Lunch Program and School Breakfast Program</b> (Hard-Coded)</li> <li>programTypeDescriptor = <b>NSLP/SBP</b> (Hard-Coded)</li> </ul>	M	District Information	CustomSchool.value INNER JOIN CampusAttribute ON CustomSchool. attributeID = CampusAttribute. attributeID  District.entityID	
4	<b>studentReference</b> ( <i>reference</i> )	<p><i>A reference to the Students resource associated with the Student School Food Service Program Associations being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	M	N/A	N/A	
5	<b>endDate</b> ( <i>date</i> )	<p><i>The month, day, and year on which the student exited the program or stopped receiving services.</i></p> <hr/> <p>Reports the <b>End Date</b> of the FRAM record being reported.</p>	C	FRAM	POSEligibility. endDate	

6	eligibilitySourceDescriptor (string)	<p><i>Method of certification for meal benefit(s).</i></p> <hr/> <ul style="list-style-type: none"> <li>• Reports <b>USDA Income Application</b> if the FRAM record being reported off of originated from an application (applicationID is NOT NULL).</li> <li>• Reports <b>Direct Certification</b> if Source is <i>Direct</i>.</li> <li>• Reports <b>Other Source Categorically Eligible</b> if Source is <i>Non-Direct</i> and Certified Type is one of the following values: <ul style="list-style-type: none"> <li>◦ Categorical</li> <li>◦ Homeless</li> <li>◦ Migrant</li> <li>◦ Runaway</li> <li>◦ Head Start</li> <li>◦ Foster</li> </ul> </li> </ul>	M	FRAM	<p>POSEligibility.applicationID</p> <p>POSEligibility.directType IS NOT NULL</p> <p>POSEligibility.type = C, H, M, R, HS, F</p>	EXT
7	eligibilityStatusDescriptor (string)	<p><i>Student determination of meal benefit eligibility.</i></p> <hr/> <p>Reports the Ed-Fi Code mapped to the <b>State Eligibility Code</b> calculated on the FRAM record being reported off of.</p>	M	FRAM	POSEligibility.eligibility	EXT
8	directCertification	This is optional, does not report.	O	N/A	N/A	N/A
9	participationStatus	This is optional, does not report.	O	N/A	N/A	N/A
10	programParticipationStatuses	This is optional, does not report.	O	N/A	N/A	N/A
11	reasonExitedDescriptor	This is optional, does not report.	O	N/A	N/A	N/A
12	schoolFoodServiceProgramServices	This is optional, does not report.	O	N/A	N/A	N/A



13	servedOutsideOfRegularSession	This is optional, does not report.	O	N/A	N/A	N/A
----	-------------------------------	------------------------------------	---	-----	-----	-----

Appendix