

Student School Food Service Program Associations (Arizona 7.1)

Last Modified on 07/25/2024 2:52 pm CDT

[Object Triggering Logic](#) | [Natural Key Changes, Cascading Updates, and Deletes Logic](#) | [Scope Year Logic](#) | [Resource Preferences](#) | [Event Queue Detail](#) | [Object Data Elements](#) | [Arrays](#)

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.

This resource only sends with 24-25 configurations and future year configurations.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
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"> • Do not report a record if any of the following exclusions are present: <ul style="list-style-type: none"> ◦ Enrollment State Exclude ◦ Enrollment No Show ◦ Enrollment Grade Exclude from State Reporting ◦ Calendar Exclude ◦ School Exclude • 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"> ◦ Originated from an application (POSEligibility.applicationID IS NOT NULL) ◦ Source = Direct ◦ Certification Type = Categorical, Homeless, Migrant, Runaway, Head Start, or Foster • If there are multiple enrollments, use the following priority list to determine which one should report: <ul style="list-style-type: none"> ◦ Primary > Partial > SPED ◦ Earliest Start Date ◦ Latest Enrollment ID
Delete/Post/Put	<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"> • When the following information on a FRAM record is changed: <ul style="list-style-type: none"> ◦ FRAM Record ID (New FRAM record) ◦ Start Date ◦ End Date ◦ State Eligibility Code • When the following information on an Enrollment is changed: <ul style="list-style-type: none"> ◦ Enrollment ID (New Enrollment) ◦ Start Date ◦ End Date ◦ No Show ◦ State Exclude

Action	Trigger
Delete	<ul style="list-style-type: none"> • When the enrollment being reported off of is deleted. • When the enrollment is changed to no longer overlap the configured year. • When the student is excluded through their enrollment, calendar, grade level, or school. • When the FRAM record being reported off of is deleted. • When the FRAM record is changed to no longer overlap the enrollment in the current configured year.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.
Resync	If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.
Resync	If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Post/Delete	Natural Key changes: <ul style="list-style-type: none"> • LEA Reference - District Numbers cannot change after data has been sent. If a district number changes, we would expect an Ed-Fi error and this change would not be supported. • If an Ed-Fi ID changes, a delete/post will occur with the cascading deletes from the Ed-Fi ID Change triggers. • If the Program Name or Program Type Descriptor mapping changes and a resync is completed. • If the Eligibility record Start Date changes the resource will delete/repost.
Delete	Cascading Deletes: N/A - no dependent resources.

Scope Year Logic

This table describes scope year logic of this object.

Logic
The record will send to the configured year that the School Year from the Eligibility record aligns to if the student has an enrollment in that year.
Data will only send for the years that have valid configuration.

Logic

Resource Preferences

Data Element Label	Mapping Needed
FRAM Eligibility	schoolFoodServiceProgramServiceDescriptor
Select the Program Type Descriptor associated with this Program	Program Type Descriptor

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
POSEligibility	Post/Put/Delete	The primary table for sending data for this resource.

Object Data Elements

Data Element Labels in bold are part of the Natural Key and are required data elements for Data to send to Ed-Fi.

Data Element Label	Business Requirement	Mandatory, Conditional or Optional	Location
--------------------	----------------------	------------------------------------	----------

Data Element Label	Business Requirement	Mandatory, Conditional or Optional	Location
<p>beginDate</p>	<p>Reports the latest of the following dates:</p> <ul style="list-style-type: none"> • FRAM Start Date • Enrollment Start Date <p>ZZZ Logic:</p> <ul style="list-style-type: none"> • If there are enrollments with an end status of ZZZ and a subsequent enrollment with a start status of ZZZ, combine the enrollments and report the earliest start date (where the start status is NOT ZZZ) for the enrollment start date <ul style="list-style-type: none"> ◦ The enrollments must be in the same school, grade, and local service type. Also, the enrollment start date must be the next instructional day after the ZZZ end status or be before or equal to the ZZZ end status. 	M	<p>Eligibility > Start Date</p> <p>POSeligibility.startDate</p>
<p>educationOrganizationReference</p>	<p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> • educationOrganizationId = School Entity ID 	M	<p>School Information > Ed-Fi School ID</p> <p>School.entityID</p>

Data Element Label	Business Requirement	Mandatory, Conditional or Optional	Location
programReference	Reports the fields that are part of the Natural Key for the Programs resource. <ul style="list-style-type: none"> • educationOrganizationId = School Override District Entity ID <ul style="list-style-type: none"> ◦ If NULL, uses the District Entity ID • programName = National School Lunch Program (Hard-Coded) • programTypeDescriptor = National School Lunch Program (Hard-Coded) 	M	School Information > District Entity ID District Information > Entity ID CustomSchool.value INNER JOIN CampusAttribute ON CustomSchool.attributeID = CampusAttribute.attributeID District.entityID
studentReference	Reports the fields that are part of the Natural Key for the Students resource.	M	

Data Element Label	Business Requirement	Mandatory, Conditional or Optional	Location
endDate	<p>Reports the earliest of the following dates:</p> <ul style="list-style-type: none"> • FRAM End Date • Enrollment End Date • Last Instructional Day of the Calendar <p>Notes:</p> <ul style="list-style-type: none"> • The reported endDate must always be after the reported startDate. <p>ZZZ Logic:</p> <ul style="list-style-type: none"> • If there are enrollments with an end status of ZZZ and a subsequent enrollment with a start status of ZZZ, combine the enrollments and report the latest end date (where the end status is NOT ZZZ) for the enrollment end date <ul style="list-style-type: none"> ◦ The enrollments must be in the same school, grade, and local service type. Also, the enrollment start date must be the next instructional day after the ZZZ end status or be before or equal to the ZZZ end status. 	C	<p>Eligibility > End Date</p> <p>POSeligibility.endDate</p>

Data Element Label	Business Requirement	Mandatory, Conditional or Optional	Location
eligibilitySourceDescriptor	<ul style="list-style-type: none"> Reports USDA Income Application if the FRAM record being reported off of originated from an application (applicationID is NOT NULL). Reports Direct Certification if Source is <i>Direct</i>. Reports Other Source Categorically Eligible if Source is <i>Non-Direct</i> and Certified Type is one of the following values: <ul style="list-style-type: none"> Categorical Homeless Migrant Runaway Head Start Foster 	M	FRAM > Applications POSEligibility.applicationID FRAM > Eligibility > Source POSEligibility.directType IS NOT NULL FRAM > Eligibility > Certified Type POSEligibility.type = C, H, M, R, HS, F
eligibilityStatusDescriptor	Reports the Ed-Fi Code mapped to the State Eligibility Code calculated on the FRAM record being reported off of. <ul style="list-style-type: none"> If State Eligibility Code is NULL on a record that is otherwise eligible to report, report Full Pay. 	M	Eligibility > State Eligibility Code POSEligibility.eligibility

Arrays

[Click here to expand...](#)

Type/Descriptors

[Click here to expand...](#)

Eligibility Source Descriptor

Auto-mapping is not needed as these are hard-coded.

IC Code	Ed-Fi Code	Description	Namespace
N/A	Direct Certification	Direct Certification	uri://azed.gov/eligibilitySourceDescriptor

IC Code	Ed-Fi Code	Description	Namespace
N/A	USDA Income Application	USDA Income Application	uri://azed.gov/eligibilitySourceDescriptor
N/A	Other Source Categorically Eligible	Other Source Categorically Eligible	uri://azed.gov/eligibilitySourceDescriptor

Eligibility Status Descriptor

Auto-mapping is not needed as these are hard-coded.

IC Code	Ed-Fi Code	Description	Namespace
5: NCLB1	Free	Free	uri://azed.gov/eligibilityStatusDescriptor
4: NCLB2	Reduced-Price	Reduced-Price	uri://azed.gov/eligibilityStatusDescriptor
N/A	Full Pay	Full Pay	uri://azed.gov/eligibilityStatusDescriptor