Student Title 1 Part A Program Associations (Missouri v3.6)

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Object Triggering Logic | School Exclude, Calendar Exclude, Resource Toggle and Resync Logic | Natural Key Changes, Cascading Updates, and Deletes Logic | Scope Year Logic | Resource Preferences | Identity Mapping Object Key | Event Queue Detail | Error Log | Object Data Elements | Arrays | Type/Descriptors

This association represents the Title I Part A program(s) that a student participates in or from which the student receives services.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

> In order for a Title 1 service to report, at least one of the Title 1 service checkboxes must be marked **AND** the Targeted Assistance checkbox must be marked on the student's enrollment in Student Information > General > Enrollments > State Reporting Fields.

Action	Trigger
Post	When an enrollment is created and saved, and the Title 1 service checkbox is checked. Only report a single record per school, per student, per enrollment Start Date. If there are multiple enrollments in the same school that **qualify**, and have the same enrollment Start Date, report based on primacy of Service Type: 1. P: Primary 2. S: Partial 3. N: Special Ed If there are multiple enrollments in the same school that qualify, with the same Service Type and enrollment Start Date, report the newest start date. Do not report if the student's Enrollment has any of the following indicated: • No Show • Calendar exclude • School exclude If the service type is being changed for the enrollment record being reported in this resource, report a new record for the new properly reported enrollment, if previously not the reporting enrollment. When any field part of the natural key is updated
Put	Update the record if any other fields in this resource are changed that are not part of the natural key When any enrollment record that previously had the Title 1 service checkbox selected & saved, update the titleIPartAProgramServices field
Delete	If the service type is being changed for the enrollment record being reported in this resource, delete the record if the enrollment is no longer the reported enrollment.
Delete	When any field part of the natural key is updated.
Delete	When any enrollment record that previously had the Title 1 service checkbox selected & saved, and all Title 1 services in that enrollment record are subsequently unchecked & saved, delete the record.
Delete	When any enrollment record that previously had the Title 1 service checkbox selected & saved, and the enrollment record is subsequently deleted, delete the record.

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.
Resync	Programs will only be update/deleted if a mapping is changed after a resync is completed and 'All Schools' is checked on resync. Programs are at the district level and students in another school my have a Student Program Association record that references the Program.

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: • 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 Start Date of the program record changes.
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 any year the Title 1 record overlaps with.
Data will only send for the years that have valid configuration.

Resource Preferences

Data Element Label	Mapping Needed
Select the Program Type Descriptor associated with this Program.	Program Type Descriptor
Select all Title 1 Programs that are eligible to report under the Title I Part A program.	Title I Program

Data Element Label	Mapping Needed
School Attribute Title I	Title I Part A Participant Type

Identity Mapping Object Key

campusObjectType	Object Key Data Source
Title1	title1ID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
title1	Post/Put/Delete	The primary table for sending data for this resource.

Error Log

Error	Possible Causes/Hot to Fix
Error code return from Ed-Fi. 400: [message:Validation of 'StudentTitleIPartAProgramAssociation' failed. TitleIPartAParticipantDescriptorId is required.].	School History > Title 1 is missing for the school reporting for the titleIPartAParticipantDescriptor field (see logic below to determine which school is being used).

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 and Business Rules	M, C or O	Data So GUI Pat Databas Field
id	The unique identifier of the resource.	O	
beginDate	The month, day, and year on which the student first received services. Reports the Enrollment Start Date.	M	Student Informat General Enrollme Start Da title1.sta
educationOrganizationReference	The education organization where the student is participating in or receiving the program services. Reports the fields that are part of the Natural Key for the Local Education Agency resource. • educationOrganizationId = **State District Number**	M	System Administ > Resou District Informat State Dis Number

Data Element Label	Business Requirement and Business Rules	M, C or O	Data So GUI Pat Databas Field

programReference	The program associated with the student.
	
	1. Reports the fields that are part of the Natural Key for the Programs resource.
	   ◦ educationOrganizationId = **District Ed-Fi Number**
	   ◦ programName = **Title I Part A** (Hard-Coded)
	   ◦ programTypeDescriptor = **Title I Part A** (Hard-Coded)
		M	Student Informat General Enrollme State Reportin Fields >

studentReference	A unique alpha-numeric code assigned to a student. 1. Reports the fields that are part of the Natural Key for the Students resource. ◦ studentUniqueId = **Student State ID**	M	
titleIPartAParticipantDescriptor	An indication of the type of Title I program, if any, in which the student is participating and served: Public Targeted Assistance Program Public Schoolwide Program Private school student participating Local Neglected Program. Reports **Active** (Hard-coded) • There is only one descriptor code. Everyone that has a Title 1 Program (Individual or Schoolwide) is going to be active. For the Title 1 Program to report, this is a required field, thus we must report Active.	M	Student Informat General Enrollme State Reportin Fields >
titleIPartAProgramServices	An unordered collection of studentTitleIPartAProgramAssociationTitleIPartAProgramServices. Indicates the service(s) being provided to the Student by the Title I Part A Program. See array section below.	M	

Arrays

▸ Click here to expand...

Title I Part A Program Services

Data Element Label	Business Requirement and Business Rules	M,C, or O	Data Source GUI Path and Database Field

Data Element Label	Business Requirement and Business Rules	M,C, or O	Data Source GUI Path and Database Field
titleIPartAProgramServiceDescriptor	Indicates the service being provided to the student by the Title I Part A Program. Returns user-entered value for SES if exists,**WHEN**: 1. The Title 1 check box on the Student Enrollment is checked and if Sys Admin> Resources> School> School History> Title 1 has a **value** = 1 **OR** 2. Sys Admin> Resources> School> School History> Title 1 has a **value** = 2 **OR** 3. The student's FRAM Eligibility = Free or Reduced 1. Else, do not report.	M	Student Information > General > Enrollments > State Reporting Fields > SES Student Information > General > Enrollments > State Reporting Fields > Title 1 Sys Admin > Resources > School > School History > Title 1 FRAM > Eligibility

Type/Descriptors

▶ Click here to expand...

titleIPartAParticipantDescriptor

Code Value	Short Description	Description	Namespace
Active	Active	Active	uri://dese.mo.gov/TitleIPartAParticipantDescriptor

Title I Part A Program Service Descriptor

Code Value	Short Description	Description	Namespace
A	Applied for Supplemental Services	Applied for Supplemental Services	uri://dese.mo.gov/TitleIPartAProgramServiceDescriptor
E	Eligible for Supplemental Services	Eligible for Supplemental Services	uri://dese.mo.gov/TitleIPartAProgramServiceDescriptor
O	Offered Supplemental Services	Offered Supplemental Services	uri://dese.mo.gov/TitleIPartAProgramServiceDescriptor
R	Received Supplemental Services	Received Supplemental Services	uri://dese.mo.gov/TitleIPartAProgramServiceDescriptor