

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

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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.

A manual resync should be performed if the school's Title 1 status or services are changed under School History. Triggers do **NOT** automatically update this.

Action	Trigger
Post	<p>When a student is given a Title 1 record and the record overlaps a configured year and the student has an enrollment in the configured year.</p> <ul style="list-style-type: none"> • A maximum of one record posts per student-school combination. • If a student has an individual Title 1 program and a Schoolwide program, the individual program reports (does not report the schoolwide program). • If a student has multiple enrollments in a school and that school has a Schoolwide program, reports based on the most recent Enrollment. • Does not send a record if enrollment is in a calendar marked as Exclude. • Does not send a record if enrollment is in a school marked as Exclude. • Does not send a record if enrollment is marked as No Show.
Delete/Post	<p>When any field part of the natural key is changed.</p> <p>When any of the following fields are changed on the Title 1 Program tab (Individual Programs) or School History (Schoolwide Programs):</p> <ul style="list-style-type: none"> • Title 1 Program (Individual) • Title 1 Program Start Date (Individual) • Enrollment Start Date (School)

Action	Trigger
Put	<p>When any field not part of the natural key is changed.</p> <p>When the following information changes on the Title 1 Program tab (Individual Programs) or School History (Schoolwide Programs):</p> <ul style="list-style-type: none"> • Instructional Services checkboxes (Individual) • Support Services checkboxes (Individual) • Extended Time Opportunities checkboxes (Individual) • End Date (Individual) • Enrollment End Date (School) • Reason Exited (Individual)
Delete	When the student no longer has an enrollment in the configured year.
Delete	When the Title I record has been deleted.
Delete	When the Title I record no longer overlaps the 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.
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 may 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
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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 Start Date of the program record changes. • If the Title 1 drop list is changed on the School/School history record, a resync must be completed. All records associated with the old program type will be deleted and new records will post with new program.
Delete	Cascading Deletes: N/A - no dependent resources.

Scope Year Logic

This table describes scope year logic of this object.

Logic
The record sends to any year the Title 1 record overlaps with.
Data only sends for the years that have valid configuration.

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).
NOT AN ERROR: If School is marked as 'Schoolwide' and nothing is populated in the event queue (i.e., Nothing is Sending)..	System Administration > Resources > School > Title 1 field Title 1 field has to have a value of: <ol style="list-style-type: none"> 1. 'Schoolwide Program - Title 1 A', or 2. 'Schoolwide Program - Title 1 A and C' To fix this, click 'Original Record' > New School History > Make the new Title 1 selection > Save.

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	Business Rules	M, C or O	Location
id	The unique identifier of the resource.		O	
beginDate	The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.	<ul style="list-style-type: none"> • If reporting from a Title I Program: <ul style="list-style-type: none"> ◦ Reports the Title I Program Start Date. • If reporting from a Schoolwide Program: <ul style="list-style-type: none"> ◦ Reports the Enrollment Start Date. 	M	Student Information > Program Participation > Title I > Start Date Student Info > General > Enrollment > startDate title1.startDate enrollment.startDate

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
educationOrganizationReference	The education organization where the student is participating in or receiving the program services.	Report as the following: 10+District #+School #	M	10+ System Administration > Resources > District Information > State District Number + System Administration > Resources > School > State School Number District.number School.number
programReference	The program associated with the student.	See the Arrays / References section below.	M	
studentReference	A unique alpha-numeric code assigned to a student.	Reports the Student State ID.	M	Census > Demographics
endDate	The month, day, and year on which the student exited the program or stopped receiving services.	<ul style="list-style-type: none"> If reporting from a Title I Program: <ul style="list-style-type: none"> Reports the Title I Program End Date. If reporting from a Schoolwide Program: <ul style="list-style-type: none"> Reports the Enrollment End Date. 	C	Student Information > General > Title I > End Date Student Information > General > Enrollment > End Date title1.endDate enrollment. endDate

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
reasonExitedDescriptor	A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.	<ul style="list-style-type: none"> If reporting from a Title I Program: <ul style="list-style-type: none"> Reports the Ed-Fi Code mapped to the value selected for Reason Exited. If reporting from a Schoolwide Program: <ul style="list-style-type: none"> Reports End of Year (EOY) (Hard-coded). 	C	Student Information > General > Title 1 > Reason Exited title1.reasonExited
servedOutsideOfRegularSession	Indicates whether the student received services during the summer session or between sessions.	This is optional, does not report.	O	
services	An unordered collection of studentTitleI PartA Program AssociationServices. Indicates the service(s) being provided to the student by the program.	See the Arrays / References section below. <ul style="list-style-type: none"> Reports for ALL services that are checked. 	C	

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
titleIPartAParticipantDescriptor	An indication of the type of Title I program, if any, in which the student is participating and by which the student is served.	<ul style="list-style-type: none"> Reports Eligible (Hard-coded) <ul style="list-style-type: none"> There is only one descriptor code. Everyone that has a Title 1 Program (Individual or Schoolwide) is going to be eligible. 	M	

Arrays

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Program Reference

Reference	Business Requirement	Business Rules	M, C, or O
educationalOrganizationID	The identifier assigned to an education organization.	Reports 1088000000 (Hard-coded) <ul style="list-style-type: none"> IDOE owns all programs. This will always be 1088000000. 	M
programName	The formal name of the program of instruction, training, services, or benefits available through federal, state, or local agencies.	Refer to the Types / Descriptors / Program Listing section below.	M
programTypeDescriptor	The type of program.	Refer to the Types / Descriptors / Program Listing section below.	M

Services

Data Element Label	Business Requirement	Business Rules	M,C, or O	Location
serviceDescriptor	Indicates the service being provided to the student by the program.	<p>If reporting from a Title I Program:</p> <ul style="list-style-type: none"> • Reports the Ed-Fi Code associated with the Instructional Services, Support Services, or Extended Time Opportunities selected for the Individual's Title I Program. <ul style="list-style-type: none"> ◦ These Ed-Fi Codes are automatically assigned - No mappings are needed in Resource Preferences. ◦ Refer to the Types / Descriptors / Program Listing section below for Infinite Campus → Ed-Fi Code mappings. <p>If reporting from a Schoolwide Program:</p> <ul style="list-style-type: none"> • Reports the Ed-Fi Code associated with the Instructional Services, Support Services, or Extended Time Opportunities selected for the School. <ul style="list-style-type: none"> ◦ These Ed-Fi Codes are automatically assigned - No mappings are needed in Resource Preferences. ◦ Refer to the Types / Descriptors / Program Listing section below for Infinite Campus → Ed-Fi Code mappings. 	M	<p>Student Information > General > Title I > Instructional Services / Support Services / Extended Time Opportunities Checkboxes</p> <p>System Administration > Resources > School > School History > Instructional Services / Support Services / Extended Time Opportunities Checkboxes</p>
primaryIndicator	True if service is a primary service.	This is optional, does not report.	O	N/A
serviceBeginDate	First date the student was in this option for the current school year.	This is optional, does not report.	O	N/A
serviceEndDate	Last date the student was in this option for the current school year.	This is optional, does not report.	O	N/A

Type/Descriptors/Program Listing

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Reason Exited Descriptor

Per IDOE guidance, only the below codes should be sent for Title I programs.

Ed-Fi Code Value	Short Description	Short Description	Namespace
99	No longer qualifies	No longer qualifies	uri://doe.in.gov/ReasonExitedDescriptor
End of Year (EOY)	End of Year (EOY)	End of Year (EOY)	uri://doe.in.gov/ReasonExitedDescriptor

Title 1 Part A Participant Type

Code Value	Description	Namespace	Short Description
Eligible	Eligible	N/A	Eligible

Program Name / Type Descriptor Mapping Table

Program Type Descriptor	Program Name	Namespace for programTypeDescriptor	Business Rule(s)	Location
Title I Part A	Private school students participating (Title 1 A)	uri://ed-fi.org/ProgramTypeDescriptor	This Program Type Descriptor / Program Name is not sent currently in Infinite Campus as we have no Private schools in IN.	
Title I Part A and Migrant Title I Part C	Private school students participating (Title 1 A,C)	uri://doe.in.gov/ProgramTypeDescriptor	This Program Type Descriptor / Program Name is not sent currently in Infinite Campus as we have no Private schools in IN.	

Program Type Descriptor	Program Name	Namespace for programTypeDescriptor	Business Rule(s)	Location
Title I Part A	Public Schoolwide Program (Title 1 A)	uri://ed-fi.org/ProgramTypeDescriptor	<ul style="list-style-type: none"> • Reports if Title 1 on the School is set to Schoolwide Program - Title 1 A • Schoolwide programs report for ALL students with an enrollment in the school. <ul style="list-style-type: none"> ◦ If the student has an individual Title 1 Program record, their individual Title 1 Program record is reported over the schoolwide program record. 	System Administration > Resources > School > School History > Title 1

Program Type Descriptor	Program Name	Namespace for programTypeDescriptor	Business Rule(s)	Location
Title I Part A and Migrant Title I Part C	Public Schoolwide Program (Title 1 A,C)	uri://doe.in.gov/ProgramTypeDescriptor	<ul style="list-style-type: none"> • Reports if Title 1 on the School is set to Schoolwide Program - Title 1 A and C • Schoolwide programs report for ALL students with an enrollment in the school. <ul style="list-style-type: none"> ◦ If the student has an individual Title 1 Program record, their individual Title 1 Program record is reported over the schoolwide program record. 	System Administration > Resources > School > School History > Title 1
Title I Part A	Public Targeted Assistance Program (Title 1 A)	uri://ed-fi.org/ProgramTypeDescriptor	Reports if ESEA Title I Program is set to 1: Regular Title I, Part A program.	Student Information > General > Title 1 > ESEA Title I Program
Title I Part A and Migrant Title I Part C	Public Targeted Assistance Program (Title 1 A,C)	uri://doe.in.gov/ProgramTypeDescriptor	Reports if ESEA Title I Program is set to 2: Migrant Title I, Part C program or 3: Reg. and Title I, Part A prog. and Mig. Title I C.	Student Information > General > Title 1 > ESEA Title I Program

Program Type Descriptor	Program Name	Namespace for programTypeDescriptor	Business Rule(s)	Location
Title I Part D Subpart 1&2	Neglected and Delinquent Program	uri://doe.in.gov/ProgramTypeDescriptor	Reports if ESEA Title I Program is set to 6: Title I Neglected.	Student Information > General > Title 1 > ESEA Title I Program

Service Descriptor

Code Value	Description	Namespace	Short Description
After School Extended Time	After School Extended Time	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	After School Extended Time
Before School Extended Time	Before School Extended Time	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Before School Extended Time
Extended-Day Kindergarten	Extended-Day Kindergarten	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Extended-Day Kindergarten
Guidance Support	Guidance Support	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Guidance Support
Health Support	Health Support	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Health Support
Home Visitation Support	Home Visitation Support	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Home Visitation Support
Jump Start Extended Time	Jump Start Extended Time	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Jump Start Extended Time
Math Instruction	Math Instruction	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Math Instruction
Other Extended Time	Other Extended Time	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Other Extended Time
Prekindergarten Extended Time	Prekindergarten Extended Time	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Prekindergarten Extended Time
Reading Instruction	Reading Instruction	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Reading Instruction
Saturday School Extended Time	Saturday School Extended Time	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Saturday School Extended Time
Science Instruction	Science Instruction	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Science Instruction
Social Studies Instruction	Social Studies Instruction	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Social Studies Instruction
Summer School Extended Time	Summer School Extended Time	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Summer School Extended Time

Code Value	Description	Namespace	Short Description
Vocational Education	Vocational Education	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Vocational Education
Year Round Sessions Extended Time	Year Round Sessions Extended Time	http://doe.in.gov/Descriptor/ServiceDescriptor.xml	Year Round Sessions Extended Time

Service Descriptor / Mapping Table

Infinite Campus Header	Infinite Campus Code	Ed-Fi Code Value	Description	Namespace
Extended Time Opportunities	After School	After School Extended Time	After School Extended Time	uri://doe.in.gov/ServiceDescriptor
	Before School	Before School Extended Time	Before School Extended Time	uri://doe.in.gov/ServiceDescriptor
	Extended-Day Kindergarten	Extended-Day Kindergarten	Extended-Day Kindergarten	uri://doe.in.gov/ServiceDescriptor
	Jump Start	Jump Start Extended Time	Jump Start Extended Time	uri://doe.in.gov/ServiceDescriptor
	Other Extended Time Opportunities	Other Extended Time	Other Extended Time	uri://doe.in.gov/ServiceDescriptor
	PreKindergarten	Prekindergarten Extended Time	Prekindergarten Extended Time	uri://doe.in.gov/ServiceDescriptor
	Saturday School	Saturday School Extended Time	Saturday School Extended Time	uri://doe.in.gov/ServiceDescriptor
	Summer School	Summer School Extended Time	Summer School Extended Time	uri://doe.in.gov/ServiceDescriptor
	Year-Round	Year Round Sessions Extended Time	Year Round Sessions Extended Time	uri://doe.in.gov/ServiceDescriptor
Support Services	Guidance	Guidance Support	Guidance Support	uri://doe.in.gov/ServiceDescriptor
	Health	Health Support	Health Support	uri://doe.in.gov/ServiceDescriptor
	Home Visitation	Home Visitation Support	Home Visitation Support	uri://doe.in.gov/ServiceDescriptor
Instructional Services	Mathematics	Math Instruction	Math Instruction	uri://doe.in.gov/ServiceDescriptor
	Reading	Reading Instruction	Reading Instruction	uri://doe.in.gov/ServiceDescriptor
	Science	Science Instruction	Science Instruction	uri://doe.in.gov/ServiceDescriptor
	Social Studies	Social Studies Instruction	Social Studies Instruction	uri://doe.in.gov/ServiceDescriptor
	Vocational	Vocational Education	Vocational Education	uri://doe.in.gov/ServiceDescriptor