

# 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"> <li>• A maximum of one record posts per student-school combination.</li> <li>• If a student has an individual Title 1 program and a Schoolwide program, the individual program reports (does not report the schoolwide program).</li> <li>• If a student has multiple enrollments in a school and that school has a Schoolwide program, reports based on the most recent Enrollment.</li> <li>• Does not send a record if enrollment is in a calendar marked as Exclude.</li> <li>• Does not send a record if enrollment is in a school marked as Exclude.</li> <li>• Does not send a record if enrollment is marked as No Show.</li> </ul>
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"> <li>• Title 1 Program (Individual)</li> <li>• Title 1 Program Start Date (Individual)</li> <li>• Enrollment Start Date (School)</li> </ul>

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"> <li>• Instructional Services checkboxes (Individual)</li> <li>• Support Services checkboxes (Individual)</li> <li>• Extended Time Opportunities checkboxes (Individual)</li> <li>• End Date (Individual)</li> <li>• Enrollment End Date (School)</li> <li>• Reason Exited (Individual)</li> </ul>
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"> <li>• 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.</li> <li>• If an Ed-Fi ID changes, a delete/post will occur with the cascading deletes from the Ed-Fi ID Change triggers.</li> <li>• If the Program Name or Program Type Descriptor mapping changes and a resync is completed.</li> <li>• If the Start Date of the program record changes.</li> <li>• 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.</li> </ul>
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"> <li>1. 'Schoolwide Program - Title 1 A', or</li> <li>2. 'Schoolwide Program - Title 1 A and C'</li> </ol> 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	
<b>beginDate</b>	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"> <li>• If reporting from a Title I Program:               <ul style="list-style-type: none"> <li>◦ Reports the Title I Program Start Date.</li> </ul> </li> <li>• If reporting from a Schoolwide Program:               <ul style="list-style-type: none"> <li>◦ Reports the Enrollment Start Date.</li> </ul> </li> </ul>	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
<b>educationOrganizationReference</b>	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
<b>programReference</b>	The program associated with the student.	See the Arrays / References section below.	M	
<b>studentReference</b>	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"> <li>• If reporting from a Title I Program:               <ul style="list-style-type: none"> <li>◦ Reports the Title I Program End Date.</li> </ul> </li> <li>• If reporting from a Schoolwide Program:               <ul style="list-style-type: none"> <li>◦ Reports the Enrollment End Date.</li> </ul> </li> </ul>	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"> <li>• If reporting from a Title I Program:               <ul style="list-style-type: none"> <li>◦ Reports the Ed-Fi Code mapped to the value selected for Reason Exited.</li> </ul> </li> <li>• If reporting from a Schoolwide Program:               <ul style="list-style-type: none"> <li>◦ Reports End of Year (EOY) (Hard-coded).</li> </ul> </li> </ul>	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"> <li>• Reports for ALL services that are checked.</li> </ul>	C	

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
titlePartAParticipantDescriptor	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"> <li>• Reports Eligible (Hard-coded)               <ul style="list-style-type: none"> <li>◦ There is only one descriptor code. Everyone that has a Title 1 Program (Individual or Schoolwide) is going to be eligible.</li> </ul> </li> </ul>	M	

## Arrays

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### Program Reference

Reference	Business Requirement	Business Rules	M, C, or O
<b>educationalOrganizationID</b>	The identifier assigned to an education organization.	Reports 1088000000 (Hard-coded) <ul style="list-style-type: none"> <li>• IDOE owns all programs. This will always be 1088000000.</li> </ul>	M
<b>programName</b>	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
<b>programTypeDescriptor</b>	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"> <li>• 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"> <li>◦ These Ed-Fi Codes are automatically assigned - No mappings are needed in Resource Preferences.</li> <li>◦ Refer to the Types / Descriptors / Program Listing section below for Infinite Campus → Ed-Fi Code mappings.</li> </ul> </li> </ul> <p>If reporting from a Schoolwide Program:</p> <ul style="list-style-type: none"> <li>• 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"> <li>◦ These Ed-Fi Codes are automatically assigned - No mappings are needed in Resource Preferences.</li> <li>◦ Refer to the Types / Descriptors / Program Listing section below for Infinite Campus → Ed-Fi Code mappings.</li> </ul> </li> </ul>	M	<p>Student Information &gt; General &gt; Title I &gt; Instructional Services / Support Services / Extended Time Opportunities Checkboxes</p> <p>System Administration &gt; Resources &gt; School &gt; School History &gt; 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"> <li>• Reports if Title 1 on the School is set to Schoolwide Program - Title 1 A</li> <li>• Schoolwide programs report for ALL students with an enrollment in the school.               <ul style="list-style-type: none"> <li>◦ If the student has an individual Title 1 Program record, their individual Title 1 Program record is reported over the schoolwide program record.</li> </ul> </li> </ul>	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"> <li>• Reports if Title 1 on the School is set to Schoolwide Program - Title 1 A and C</li> <li>• Schoolwide programs report for ALL students with an enrollment in the school.               <ul style="list-style-type: none"> <li>◦ If the student has an individual Title 1 Program record, their individual Title 1 Program record is reported over the schoolwide program record.</li> </ul> </li> </ul>	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	<a href="http://doe.in.gov/Descriptor/ServiceDescriptor.xml">http://doe.in.gov/Descriptor/ServiceDescriptor.xml</a>	Vocational Education
Year Round Sessions Extended Time	Year Round Sessions Extended Time	<a href="http://doe.in.gov/Descriptor/ServiceDescriptor.xml">http://doe.in.gov/Descriptor/ServiceDescriptor.xml</a>	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