Programs (Core v3.X)

Last Modified on 02/20/2025 9:33 am CST

Tool Search: Ed-Fi

This entity represents any program designed to work in conjunction with, or as a supplement to, the main academic program. Programs may provide instruction, training, services or benefits through federal, state or local agencies. Programs may also include organized extracurricular activities for students.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When Flag is created and is mapped to an Ed-FI Program Type Descriptor and a resync is completed • The Program record will Post when the first student is given an eligible Flag record that is mapped. • All students will reference the same programs once the first one is created.
Post	Post a Program when a student is assigned to a program record in the following areas. The record must overlap the configured year and have a Student School Association record to report. • Career Tech Program • Title I • SPED - locked IEP • Homeless • EL • Migrant • FRAM Eligibility
Delete	If a mapping is removed from Resource Preferences. Programs will only be deleted when a mapping is removed 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. All Student Program Association records must be deleted before a Program can be deleted.

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 change: • 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 the Program Name or Program Type Descriptor mapping changes.

Action	Trigger
Delete	Cascading Deletes: If the Natural Key changes, the following resources will be deleted/reposted. • Student Program Associations, Student Homeless Program Associations, Student Migrant Program Associations, Student Title 1 Part A Program Associations, Student Neglected or Delinquent Program Associations, Student Language Instruction Program Associations, Student CTE Program Associations, Student Special Education Program Associations, Student Food Service Eligibility Associations. • If a mapping to the Ed-Fi Program Type Descriptor is removed or changed, a resync must be completed on 'All Schools' to delete/repost Student Program Associations. If only 1 school is selected, only Student Program Association records associated with that school will be updated and the Program will remain until a resync on 'All Schools' for Programs is completed.

Scope Year Logic

This table describes scope year logic of this object.

Logic
The record will send to the scope year for the school year the program record is associated with.
Data will only send for the years that have valid configuration.

Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Program Type Descriptors	Programs
Program Type Descriptors - Flags	Flags

Identity Mapping Object Key

This table describes the Identity Mapping Object Key of this object.

campusObjectType	Object Key Data Source
Program	programID
Plan	'sped'

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
programs	Post	The primary table used for sending data for this resource
programparticipation	Post	The primary table used for sending data for this resource
title1	Post	The primary table used for sending data for this resource
lep	Post	The primary table used for sending data for this resource

Campus Table	Ed-Fi Action	Fields
migrant	Post	The primary table used for sending data for this resource
homeless	Post	The primary table used for sending data for this resource
POSEligiblity	Post	The primary table used for sending data for this resource

Error Log

Error	Possible Causes/How to Fix
409: Failed to delete programs resource. [message:The resource (or a subordinate entity of the resource) cannot be deleted because it is a dependency of the 'generalStudentProgramAssociation' entity.]	There are dependent resources in the Ed-Fi ODS so the Program record cannot be deleted. Use the delete tool to remove any dependent data before the course can be removed.

Object Data Elements

This table describes data elements sent within the Programs resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
id	The unique identifier of the resource.		M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
programName	The formal name of the program of instruction, training, services or benefits available through federal, state, or local agencies.	1. If reporting from Flags, report the Flag Name. 2. If reporting from a program area in Campus, report the Program Type Descriptor the program is mapped to: ◦ Student Program Associations ◦ Student Homeless Program Associations ◦ Student Migrant Program Associations ◦ Student Title 1 Part A Program Associations ◦ Student Neglected or Delinquent Program Associations ◦ Student Language Instruction Program Associations, ◦ Student CTE Program Associations ◦ Student Special Education Program Associations ◦ Student Food Service Eligibility Associations.	M	Program Admin> Flags> Name OR Program Admin> Programs> Career Tech Programs Or Student Information> Program Participation> Homeless Or Student Information> Program Participation> Migrant OR Student Information> Program Participation> Title 1 OR Student Information> Program Participation> ELL Or Special Education> IEP OR FRAM > Eligibility	program.na or EdFiMappin

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

programTypeDescriptor	The formal name of the program of instruction, training, services or benefits available through federal, state or local agencies.	1. If reporting from Flags, report the Ed-Fi code to which the flag is mapped.
		2. If reporting from a program area in Campus, report the Program Type Descriptor the program is mapped to:
		   ◦ Student Program Associations
		   ◦ Student Homeless Program Associations
		   ◦ Student Migrant Program Associations
		   ◦ Student Title 1 Part A Program Associations
		   ◦ Student Neglected or Delinquent Program Associations
		   ◦ Student Language Instruction Program Associations
		   ◦ Student CTE Program Associations
		   ◦ Student Special Education Program Associations
		   ◦ Student Food Service Eligibility Associations.
			M	Program Admin> Flags> Name
				
				OR
				
				Program Admin> Programs> Career Tech Programs
				
				Or
				
				Student Information> Program Participation> Homeless
				
				Or
				
				Student Information> Program Participation> Migrant
				
				OR
				
				Student Information> Program Participation> Title 1
				
				OR
				
				Student Information> Program Participation> ELL
				
				Or
				
				Special Education> IEP
				
				OR
				
				FRAM > Eligibility
					EdFiMappin

educationOrganizationReference	A reference to the related EducationOrganization resource.	1. Reports the State District Number.	M	System Administration> Resources> District Information> State District Number	district.nur

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
characteristics	Reflects important characteristics of the Program, such as categories or particular indications.		O		
learningObjectives	References the LearningObjective(s) with which the Program is associated.		O		
learningStandards	LearningStandard followed by this program.		O		
programId	A unique number or alphanumeric code assigned to a program by a school, school system, a state, or other agency or entity.	1. Reports the program ID from the flag or Career Tech Programs. 2. Otherwise, report '1'.	O	Program Admin> Flags	program.pr
services	Defines the services this program provides to students.		O		
sponsors	Ultimate and intermediate providers of funds for a particular educational or service program or activity, or for an individual's participation in the program or activity (e.g., Federal, State, ESC, District, School, Private Organization).		O		
etag			O		

Type/Descriptor

This table describes the Ed-Fi Value mapped and reported for ProgramType Descriptor:

▸ Click here to expand...

Program Type Descriptors

Code Value	Description	Namespace	Short Description
Adult/Continuing Education	Adult/Continuing Education	uri://ed-fi.org/ProgramTypeDescriptor	Adult/Continuing Education
Alternative Education	Alternative Education	uri://ed-fi.org/ProgramTypeDescriptor	Alternative Education
Athletics	Athletics	uri://ed-fi.org/ProgramTypeDescriptor	Athletics
Bilingual	Bilingual	uri://ed-fi.org/ProgramTypeDescriptor	Bilingual

Code Value	Description	Namespace	Short Description
Bilingual Summer	Bilingual Summer	uri://ed-fi.org/ProgramTypeDescriptor	Bilingual Summer
Career and Technical Education	Career and Technical Education	uri://ed-fi.org/ProgramTypeDescriptor	Career and Technical Education
Cocurricular Programs	Cocurricular Programs	uri://ed-fi.org/ProgramTypeDescriptor	Cocurricular Programs
College Preparatory	College Preparatory	uri://ed-fi.org/ProgramTypeDescriptor	College Preparatory
Community Service Program	Community Service Program	uri://ed-fi.org/ProgramTypeDescriptor	Community Service Program
Community/Junior College Education Program	Community/Junior College Education Program	uri://ed-fi.org/ProgramTypeDescriptor	Community/Junior College Education Program
Compensatory Services for Disadvantaged Students	Compensatory Services for Disadvantaged Students	uri://ed-fi.org/ProgramTypeDescriptor	Compensatory Services for Disadvantaged Students
Counseling Services	Counseling Services	uri://ed-fi.org/ProgramTypeDescriptor	Counseling Services
District-Funded GED	District-Funded GED	uri://ed-fi.org/ProgramTypeDescriptor	District-Funded GED
Early Head Start	Early Head Start	uri://ed-fi.org/ProgramTypeDescriptor	Early Head Start
Early Intervention Services Part C	Early Intervention Services Part C	uri://ed-fi.org/ProgramTypeDescriptor	Early Intervention Services Part C
English as a Second Language (ESL)	English as a Second Language (ESL)	uri://ed-fi.org/ProgramTypeDescriptor	English as a Second Language (ESL)
Even Start	Even Start	uri://ed-fi.org/ProgramTypeDescriptor	Even Start
Expelled Education	Expelled Education	uri://ed-fi.org/ProgramTypeDescriptor	Expelled Education
Extended Day/Child Care Services	Extended Day/Child Care Services	uri://ed-fi.org/ProgramTypeDescriptor	Extended Day/Child Care Services
Fee For Service	Fee For Service	uri://ed-fi.org/ProgramTypeDescriptor	Fee For Service
Foreign Exchange	Foreign Exchange	uri://ed-fi.org/ProgramTypeDescriptor	Foreign Exchange
Gifted and Talented	Gifted and Talented	uri://ed-fi.org/ProgramTypeDescriptor	Gifted and Talented
Head Start	Head Start	uri://ed-fi.org/ProgramTypeDescriptor	Head Start
Health Services Program	Health Services Program	uri://ed-fi.org/ProgramTypeDescriptor	Health Services Program
High School Equivalency Program (HSEP)	High School Equivalency Program (HSEP)	uri://ed-fi.org/ProgramTypeDescriptor	High School Equivalency Program (HSEP)
Home Visiting	Home Visiting	uri://ed-fi.org/ProgramTypeDescriptor	Home Visiting
Homeless	Homeless	uri://ed-fi.org/ProgramTypeDescriptor	Homeless
IDEA	IDEA	uri://ed-fi.org/ProgramTypeDescriptor	IDEA

Code Value	Description	Namespace	Short Description
Immigrant Education	Immigrant Education	uri://ed-fi.org/ProgramTypeDescriptor	Immigrant Education
Independent Study	Independent Study	uri://ed-fi.org/ProgramTypeDescriptor	Independent Study
Indian Education	Indian Education	uri://ed-fi.org/ProgramTypeDescriptor	Indian Education
International Baccalaureate	International Baccalaureate	uri://ed-fi.org/ProgramTypeDescriptor	International Baccalaureate
Kindergarten - Extended Day	Kindergarten - Extended Day	uri://ed-fi.org/ProgramTypeDescriptor	Kindergarten - Extended Day
Kindergarten - Full Day	Kindergarten - Full Day	uri://ed-fi.org/ProgramTypeDescriptor	Kindergarten - Full Day
Kindergarten - Half Day	Kindergarten - Half Day	uri://ed-fi.org/ProgramTypeDescriptor	Kindergarten - Half Day
Library/Media Services Program	Library/Media Services Program	uri://ed-fi.org/ProgramTypeDescriptor	Library/Media Services Program
Magnet/Special Program Emphasis	Magnet/Special Program Emphasis	uri://ed-fi.org/ProgramTypeDescriptor	Magnet/Special Program Emphasis
Migrant Education	Migrant Education	uri://ed-fi.org/ProgramTypeDescriptor	Migrant Education
Neglected and Delinquent Program	Neglected and Delinquent Program	uri://ed-fi.org/ProgramTypeDescriptor	Neglected and Delinquent Program
Optional Flexible School Day Program (OFSDP)	Optional Flexible School Day Program (OFSDP)	uri://ed-fi.org/ProgramTypeDescriptor	Optional Flexible School Day Program (OFSDP)
Other	Other	uri://ed-fi.org/ProgramTypeDescriptor	Other
Prekindergarten - Extended Day	Prekindergarten - Extended Day	uri://ed-fi.org/ProgramTypeDescriptor	Prekindergarten - Extended Day
Prekindergarten - Full Day	Prekindergarten - Full Day	uri://ed-fi.org/ProgramTypeDescriptor	Prekindergarten - Full Day
Prekindergarten - Half Day	Prekindergarten - Half Day	uri://ed-fi.org/ProgramTypeDescriptor	Prekindergarten - Half Day
Preschool Special Education	Preschool Special Education	uri://ed-fi.org/ProgramTypeDescriptor	Preschool Special Education
Public Preschool	Public Preschool	uri://ed-fi.org/ProgramTypeDescriptor	Public Preschool
Regular Education	Regular Education	uri://ed-fi.org/ProgramTypeDescriptor	Regular Education
Remedial Education	Remedial Education	uri://ed-fi.org/ProgramTypeDescriptor	Remedial Education
Section 504 Placement	Section 504 Placement	uri://ed-fi.org/ProgramTypeDescriptor	Section 504 Placement
Service Learning	Service Learning	uri://ed-fi.org/ProgramTypeDescriptor	Service Learning
Special Education	Special Education	uri://ed-fi.org/ProgramTypeDescriptor	Special Education
Student Retention/Dropout Prevention	Student Retention/Dropout Prevention	uri://ed-fi.org/ProgramTypeDescriptor	Student Retention/Dropout Prevention
Substance Abuse Education/Prevention	Substance Abuse Education/Prevention	uri://ed-fi.org/ProgramTypeDescriptor	Substance Abuse Education/Prevention

Code Value	Description	Namespace	Short Description
Teacher Professional Development/Mentoring	Teacher Professional Development/Mentoring	uri://ed-fi.org/ProgramTypeDescriptor	Teacher Professional Development/Mentoring
Technical Preparatory	Technical Preparatory	uri://ed-fi.org/ProgramTypeDescriptor	Technical Preparatory
Title I Part A	Title I Part A	uri://ed-fi.org/ProgramTypeDescriptor	Title I Part A
Title I Part D Subpart 1	Title I Part D Subpart 1	uri://ed-fi.org/ProgramTypeDescriptor	Title I Part D Subpart 1
Title I Part D Subpart 2	Title I Part D Subpart 2	uri://ed-fi.org/ProgramTypeDescriptor	Title I Part D Subpart 2
Vocational Education	Vocational Education	uri://ed-fi.org/ProgramTypeDescriptor	Vocational Education