

# Student Alternative Education Program Associations (Indiana v3.6)

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This educational entity represents the organization of subject matter and related learning experiences provided for the instruction of students in Alternative Education programs. Please see the [Alternative Education](#) article for more information on the Alternative Education program in Indiana.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When an Alternative Education State Program is created and the record overlaps the configured year. Alternative Education State Program must have: <ul style="list-style-type: none"> <li>At least one Program Meeting Time mapped to an Ed-Fi Code to post.</li> <li>A Program Eligibility mapped to an Ed-Fi Code to post.</li> </ul>
Put Delete/Post	When the following information on the Alternative Education State Program has changed: <ul style="list-style-type: none"> <li>Begin Date</li> <li>End Date</li> <li>Program Meeting Time</li> <li>Reason Exited</li> <li>Program Eligibility</li> <li>Program Name</li> </ul>
Delete/Post	When the student has two of the same Alternative Education State Programs with the same start date and 1 record is deleted, the remaining record's data will post.
Delete	When the Alternative Education State Program: <ul style="list-style-type: none"> <li>No longer has any Program Meeting Times mapped to an Ed-Fi Code.</li> <li>No longer has a Program Eligibility mapped to an Ed-Fi Code.</li> <li>No longer overlaps the configured year.</li> <li>Is deleted.</li> </ul>

## 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.

Action	Trigger
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"> <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 Program Start Date or Program Eligibility changes, all Student Alternative Education Program Associations will be deleted and then reposted.</li> <li>• If the Program Meeting Times change, all Student Alternative Education Program Associations will be deleted and then reposted.</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 will send to the scope year for the school year the Student Alternative Education Program Association record is associated with.
Data will only send for the years that have valid configuration.

## Identity Mapping Object Key

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

campusObjectType	Object Key Data Source
ProgramParticipation	participationID

## Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
programs	Put	The primary table used for sending data for this resource.

Campus Table	Ed-Fi Action	Fields
programparticipation	Put	The primary table used for sending data for this resource.

## Error Log

Error	Possible Causes / How to Fix
Error code return from Ed-Fi. 409: [message:The value supplied for the related 'program' resource does not exist.].	This error is likely the result of either the Programs Resource was not sent or the state has not updated the logic to accept this program as it is not actually available until October 2021.

## Object Data Elements

This table describes data elements sent within the Student Alternative Education Program Associations resource. 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
<b>id</b>	The unique identifier of the resource.		M	
<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.	Reports the Start Date for the program.	M	Student Information > Program Participation > State Programs > Alternative Education > Start Date  AltProgram.startDate
<b>programMeetingTimes</b>	An unordered collection of studentAlternativeEducationProgram AssociationProgramMeetingTimes. The time of day the student attends the alternative education program.	Refer to the Arrays Logic below.	M	
<b>educationOrganization Reference</b>	A reference to the related Education Organization resource.	Refer to the References Logic below.	M	
<b>programReference</b>	A reference to the related Program resource.	Refer to the References Logic below.	M	

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
<b>studentReference</b>	A reference to the related Student resource.	Refer to the References Logic below.	M	
alternativeEducation EligibilityReason Descriptor	The primary reason for eligibility in the alternative education program.	Reports the Ed-Fi Code mapped to the value selected for Program Eligibility.	M	
endDate	The month, day, and year on which the Student exited the Program or stopped receiving services.	Reports the End Date for the Program.	O	Student Information> Program Participation> State Programs> Alternative Ed> End Date  AltProgram.endDate
participationStatus	An array of the student's participation status in the program.	This is optional, does not report.	O	
programParticipationStatuses	An unordered collection of generalStudentProgramAssociation ProgramParticipationStatuses. The status of the student's program participation.	This is optional, does not report.	O	
reasonExitedDescriptor	The reason the student left the program within a school or district.	Reports the Ed-Fi Code mapped to the value selected for Reason Exited.	O	Student Information > Program Participation > State Programs > Alternative Ed > Reason Exited  AltProgram.reasonExited
servedOutsideOf RegularSession	Indicates whether the student received services during the summer session or between sessions.	This is optional, does not report.	O	
_etag	A unique system-generated value that identifies the version of the resource.	N/A		

## References / Arrays

### Program Meeting Times

Data Element Label	Business Requirements	Business Rules	M, C, or O	Location
<b>programMeetingTimeDescriptor</b>	The time of day the student attends the alternative education program.	Report the Ed-Fi Code(s) mapped to the value(s) selected for Program Meeting Time. <ul style="list-style-type: none"> <li>This field is multi-select - If more than one Program Meeting Time is selected, all selected values that are mapped will report.</li> </ul>	M	Student Information > Program Participation > State Programs > Alternative Education > Program Meeting Time  AltProgram.programMeetingTime

### Education Organization Reference

Data Element Label	Business Requirements	Business Rules	M, C, or O	Location

<b>educationOrganizationId</b>	The identifier assigned to an education organization.	Reports the School State Number. <ul style="list-style-type: none"> <li>10+District#+School#</li> </ul>	M	10 + System Administration > Resources > District Information > State District Number + System Administration > Resources > School > State School Number  District.number School.number
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**Program Reference**

Data Element Label	Business Requirements	Business Rules	M, C, or O	Location
<b>educationOrganizationId</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	N/A
<b>programName</b>	The formal name of the program of instruction, training, services, or benefits available through federal, state, or local agencies.	Reports Program Name.	M	Student Information > Program Participation > State Programs > Alternative Education > Program Name  AltProgram.programCode <i>Use the above to find:</i> CampusDictionary.name
<b>programTypeDescriptor</b>	The type of program.	Reports Alternative Education (Hard-coded)	M	N/A

**Student Reference**

Data Element Label	Business Requirements	Business Rules	M, C or O	Location
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<b>studentUniqueld</b>	A unique alphanumeric code assigned to a student.	Reports the Student State ID.	M	Census > People > Demographics > Student State ID  Person.stateID
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## Types/Descriptors

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