

# **DE Ed-Fi Suite v3.6.2, Data Standard v4.0: Student Education Organization Associations**

September  
2024

# DE Ed-Fi Suite v3.6.2, Data Standard v4.0: Student Education Organization Associations

## Table of Contents

- [Summary](#)
- [Required Resources \(Upstream\)](#)
- [Dependent Resources \(Downstream\)](#)
- [Error Log](#)
- [Normal Student Education Organization Associations Record](#)
  - [Object Triggering Logic](#)
  - [Object Data Elements Logic](#)
- [Pre-K Student Education Organization Associations Record](#)
  - [Object Triggering Logic](#)
  - [Object Data Elements Logic](#)
- [Appendix](#)

## Summary

This association represents the school in which a student is enrolled

---

## Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Students
  - Student School Associations
  - Local Education Agencies (Pre-populated)
- 

## Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- Student Assessment Registrations

Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix

Normal Student Education Organization Associations Record  
Object Triggering Logic

Action	Business Rule(s)
Post	<p>Reports a record when an enrollment is created for a person and the enrollment overlaps the configured year.</p> <ul style="list-style-type: none"> <li>• Do not report a record if the any of the following exclusions are present:                             <ul style="list-style-type: none"> <li>◦ Enrollment State Exclude</li> <li>◦ Enrollment No Show</li> <li>◦ Enrollment Grade Exclude from State Reporting</li> <li>◦ Calendar Exclude</li> <li>◦ School Exclude</li> </ul> </li> </ul>
Delete /Post  Put	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> <li>• When the following information on a student's identity record is changed:                             <ul style="list-style-type: none"> <li>◦ Identity ID (New Identity record)</li> <li>◦ Race/Ethnicity (checkboxes)</li> <li>◦ "Is the individual Hispanic/Latino?"</li> <li>◦ Legal Gender</li> <li>◦ Gender</li> </ul> </li> <li>• When the following information on a student's household location is changed:                             <ul style="list-style-type: none"> <li>◦ Household Location ID (New Household Location)</li> <li>◦ Physical</li> <li>◦ Mailing</li> <li>◦ Private</li> </ul> </li> <li>• When the following information on a student's household membership is changed:                             <ul style="list-style-type: none"> <li>◦ Household Membership ID (New Household Membership)</li> <li>◦ Start Date</li> <li>◦ End Date</li> <li>◦ Private</li> </ul> </li> </ul>

- When the following information on an address the student is associated with is changed:
  - Address ID (New Address)
  - PO Box
  - Number
  - Prefix
  - Street
  - Tag
  - Direction
  - Apt
  - County
  - City
  - State
  - Zip
  - Municipality
- When the following information on a student's demographics page is changed:
  - Student State ID
  - Native Language - Q1
  - Home Language - Q2
  - Dominant Language - Q3
  - Other Spoken Languages - Q4
  - Correspondence Language - Q5
  - Email
  - Email Private
  - Other Phone
  - Other Phone Private
  - Cell Phone
  - Cell Phone Private
  - Work Phone
  - Work Phone Private
  - Pager
  - Pager Private
  - MCI Number

- When the following information on a student's enrollment is changed:
  - Enrollment ID (New Enrollment)
  - State Exclude
  - No Show
  - Start Date
  - End Date
  - Choice Basis Reason
- When the following information changes on a student's English Learners (EL) record:
  - EL ID (New EL record)
  - Program Status
  - Identified Date
  - Program Exit Date
- When the following information changes on a student's Graduation tab:
  - State Seal Information
    - Certificate Category
    - Assessment Title
    - Language
    - Certificate Issue Confirm (DOE Only)
- When the following information changes on a student's related party's Military Connections tab:
  - Military Connections ID (New Military Connection record)
  - Start Date
  - End Date
  - Status
  - Branch
- When the following information changes on a student's Special Education Summary record:
  - SPED Summary ID (New SPED Summary record)
  - Start Date
  - End Date
  - Other Calendar Programs
- When the following information changes on a student's Homeless record:
  - Homeless ID (New Homeless record)
  - Start Date
  - End Date
  - Primary Night Time Residence
  - Unaccompanied Youth

	<ul style="list-style-type: none"> <li>• When the following information changes on a student's Foster Care record:             <ul style="list-style-type: none"> <li>◦ Foster Care ID (New Foster Care record)</li> <li>◦ Start Date</li> <li>◦ End Date</li> </ul> </li> <li>• When the following information changes on a student's Career &amp; Technical Education (CTE) record:             <ul style="list-style-type: none"> <li>◦ CTE ID (New CTE record)</li> <li>◦ Start Date</li> <li>◦ End Date</li> <li>◦ Special Population</li> </ul> </li> <li>• When the following information changes on a student's FERPA record:             <ul style="list-style-type: none"> <li>◦ FERPA ID (New FERPA record)</li> <li>◦ Start Date</li> <li>◦ End Date</li> <li>◦ Data Opt Out</li> <li>◦ Question 1</li> <li>◦ Question 2</li> </ul> </li> </ul>
Delete	<ul style="list-style-type: none"> <li>• <b>IMPORTANT:</b> Infinite Campus will only attempt to delete records that originated from the Infinite Campus site. These records are identified through the Identity Mapping Report.</li> <li>• When all reportable enrollments are deleted for the person.</li> <li>• When the enrollment is excluded in some way.</li> </ul>

Object Data Elements Logic

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.


	<b>Data Element Label</b>	<b>Business Rule(s)</b>	<b>Mandatory (M) Conditional (C) Optional (O)</b>	<b>Data Source GUI Path</b>	<b>Database Field</b>	<b>Uses Template Logic</b>  (✓ / ✗ / EXT)
--	---------------------------	-------------------------	---	-----------------------------	-----------------------	---

1	<b>educationOrganizationReference</b> (reference)	<p><i>A reference to the Local Education Agencies resource associated with the Student Education Organization Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Local Education Agencies resource.</p> <ul style="list-style-type: none"> <li>educationOrganizationId = <b>District Ed-Fi Number</b></li> </ul>	M	District Information	District.entityID	✓
2	<b>studentReference</b> (reference)	<p><i>A reference to the Students resource associated with the Student Education Organization Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	M	N/A	N/A	✓
3	addresses (array)	<p><i>An unordered collection of studentEducationOrganizationAssociationAddresses. The set of elements that describes an address, including the street address, city, state, and ZIP code.</i></p> <hr/> <p>Reports the below data elements in an array for the address marked as "Mailing" or "Physical". If an address is marked with both types, report them separately under each type. Do not report other address types.</p> <ul style="list-style-type: none"> <li>addressTypeDescriptor             <ul style="list-style-type: none"> <li>Report <b>M</b> (Mailing) if the Mailing checkbox is checked.</li> <li>Report <b>P</b> (Physical) if the Physical checkbox is checked.</li> </ul> </li> </ul>	M	Household Addresses  Household Membership	HouseholdLocation.physical  HouseholdLocation.mailing  HouseholdMember.startDate  HouseholdLocation.startDate  HouseholdLocation.private  Address.state  Address.apt  Address.city  Address.zip	✗



		<ul style="list-style-type: none"> <li>• stateAbbreviationDescriptor             <ul style="list-style-type: none"> <li>◦ Reports the Ed-Fi Code mapped to the value being reported for <b>State</b>.</li> </ul> </li> <li>• apartmentRoomSuiteNumber             <ul style="list-style-type: none"> <li>◦ Reports the <b>Apt</b></li> </ul> </li> <li>• city             <ul style="list-style-type: none"> <li>◦ Reports the <b>City</b></li> </ul> </li> <li>• postalCode             <ul style="list-style-type: none"> <li>◦ Reports the <b>Zip Code</b></li> </ul> </li> <li>• nameOfCounty             <ul style="list-style-type: none"> <li>◦ Reports the <b>County</b></li> </ul> </li> <li>• streetNumberName             <ul style="list-style-type: none"> <li>◦ Reports as: <b>PO Box + Number + Street + Tag + Prefix + Dir</b></li> </ul> </li> <li>• doNotPublishIndicator             <ul style="list-style-type: none"> <li>◦ Reports <b>True</b> if checked Private.</li> <li>◦ Reports <b>False</b> in all other situations.</li> </ul> </li> <li>• localeDescriptor             <ul style="list-style-type: none"> <li>◦ Report <b>Wilmington</b> if the Municipality field is exactly "Wilmington"</li> <li>◦ Do not report in all other situations.</li> </ul> </li> <li>• Do not report the following data elements:             <ul style="list-style-type: none"> <li>◦ buildingSiteNumber</li> <li>◦ congressionalDistrict</li> <li>◦ countyFIPSCode</li> <li>◦ latitude</li> <li>◦ longitude</li> <li>◦ complex</li> <li>◦ development</li> <li>◦ periods                 <ul style="list-style-type: none"> <li>▪ beginDate</li> <li>▪ endDate</li> </ul> </li> </ul> </li> </ul>		<p>Address.county</p> <p>Address.postOfficeBox</p> <p>Address.number</p> <p>Address.street</p> <p>Address.tag</p> <p>Address.prefix</p> <p>Address.dir</p> <p>Address.municipality</p>	
--	--	---	--	--	--

4	electronicMails (array)	<p><i>An unordered collection of studentEducationOrganization AssociationElectronicMails. The numbers, letters, and symbols used to identify an electronic mail (e-mail) user within the network to which the individual or organization belongs.</i></p> <hr/> <p>Reports the following data elements in an array for only the Primary Email:</p> <ul style="list-style-type: none"> <li>• electronicMailTypeDescriptor             <ul style="list-style-type: none"> <li>◦ Reports <b>Home/Personal</b> (Hard-Coded).</li> </ul> </li> <li>• electronicMailAddress             <ul style="list-style-type: none"> <li>◦ Reports the <b>Email Address</b> being reported.</li> </ul> </li> <li>• doNotPublishIndicator             <ul style="list-style-type: none"> <li>◦ Reports <b>True</b> if checked Private.</li> <li>◦ Reports <b>False</b> in all other situations.</li> </ul> </li> <li>• Does not report the following data elements:             <ul style="list-style-type: none"> <li>◦ primaryEmailAddressIndicator</li> </ul> </li> </ul>	M	Demographics	Contact.email	✘
---	-------------------------	---	---	--------------	---------------	---

5	hispanicLatino Ethnicity (boolean)	<p><i>An indication that the individual traces his or her origin or descent to Mexico, Puerto Rico, Cuba, Central, and South America, and other Spanish cultures, regardless of race, as last reported to the education organization. The term, "Spanish origin," can be used in addition to "Hispanic or Latino."</i></p> <hr/> <ul style="list-style-type: none"> <li>• Report <b>True</b> when "Is the individual Hispanic/Latino?" is set to Yes on the current Identity record.</li> <li>• Report <b>False</b> in all other situations.</li> </ul>	M	Identity	Identity.hispanicEthnicity	
---	------------------------------------	---	---	----------	----------------------------	---

6	languages (array)	<p><i>An unordered collection of studentEducationOrganization AssociationLanguages. The language(s) the individual uses to communicate. It is strongly recommended that entries use only ISO 639-3 language codes.</i></p> <ul style="list-style-type: none"> <li>• languageDescriptor             <ul style="list-style-type: none"> <li>◦ Reports the Ed-Fi Code mapped to the value selected for <b>Language</b>.</li> </ul> </li> <li>• languageUseDescriptor             <ul style="list-style-type: none"> <li>◦ Reports based on the table below:                 <table border="1" data-bbox="689 598 1155 1114"> <thead> <tr> <th>Campus Field</th> <th>Report As:</th> </tr> </thead> <tbody> <tr> <td>Native Language - Q1</td> <td>Native language</td> </tr> <tr> <td>Home Language - Q2</td> <td>Home language</td> </tr> <tr> <td>Dominant Language - Q3</td> <td>Dominant language</td> </tr> <tr> <td>Other Spoken Languages - Q4</td> <td>Spoken language</td> </tr> <tr> <td>Correspondence Language - Q5</td> <td>Correspondence language</td> </tr> </tbody> </table> </li> <li>◦ Can report as multiple languageUseDescriptors if the same language is used in different fields.</li> </ul> </li> </ul>	Campus Field	Report As:	Native Language - Q1	Native language	Home Language - Q2	Home language	Dominant Language - Q3	Dominant language	Other Spoken Languages - Q4	Spoken language	Correspondence Language - Q5	Correspondence language	M	Demographics	<ul style="list-style-type: none"> <li>• Q1             <ul style="list-style-type: none"> <li>◦ Identity.languageAlt3</li> </ul> </li> <li>• Q2             <ul style="list-style-type: none"> <li>◦ Identity.homePrimaryLanguage</li> </ul> </li> <li>• Q3             <ul style="list-style-type: none"> <li>◦ Identity.languageAlt</li> </ul> </li> <li>• Q4             <ul style="list-style-type: none"> <li>◦ CustomLanguage.value</li> </ul> </li> <li>• Q5             <ul style="list-style-type: none"> <li>◦ Identity.languageAlt4</li> </ul> </li> </ul>	✘
Campus Field	Report As:																	
Native Language - Q1	Native language																	
Home Language - Q2	Home language																	
Dominant Language - Q3	Dominant language																	
Other Spoken Languages - Q4	Spoken language																	
Correspondence Language - Q5	Correspondence language																	

7	limitedEnglish ProficiencyDescriptor (string)	<p><i>An indication that the student has been identified as limited English proficient by the Language Proficiency Assessment Committee (LPAC), or English proficient.</i></p> <hr/> <ul style="list-style-type: none"> <li>• Report <b>Y</b> if the student has a status of "EL ."</li> <li>• Report <b>Y</b> if the student has a status of "Exited EL" with an Exit Date in the current configuration year.</li> <li>• Report <b>N</b> in all other situations.</li> </ul>	M	English Learners (EL)	LEP.programStatus LEP.exitDate	✘
8	programParticipations (array)	<p><i>An unordered collection of studentEducationOrganization AssociationProgramParticipations. Key programs the student is participating in or receives services from.</i></p> <hr/> <p>Reports the below data elements in an array from the most recent SPED Summary tab record that overlaps the config year:</p> <ul style="list-style-type: none"> <li>• programTypeDescriptor             <ul style="list-style-type: none"> <li>◦ Reports <b>Special Education</b> (Hard-Coded).</li> </ul> </li> <li>• programCharacteristics             <ul style="list-style-type: none"> <li>◦ programCharacteristicDescriptor                 <ul style="list-style-type: none"> <li>▪ Reports the Ed-Fi Code mapped to the value selected for <b>Other Calendar Programs</b>.</li> </ul> </li> </ul> </li> <li>• The following data elements are not reported:             <ul style="list-style-type: none"> <li>◦ beginDate</li> <li>◦ designatedBy</li> <li>◦ endDate</li> </ul> </li> </ul>	M	Special Education Summary	SpecialEDState . otherCalendarPrograms	✘

9	races (array)	<p><i>An unordered collection of studentEducation OrganizationAssociationRaces. The general racial category which most clearly reflects the individual's recognition of his or her community or with which the individual most identifies as last reported to the education organization. The data model allows for multiple entries so that each individual can specify all appropriate races.</i></p> <hr/> <p>Reports the below data elements in an array:</p> <ul style="list-style-type: none"> <li>• raceDescriptor             <ul style="list-style-type: none"> <li>○ Reports the Ed-Fi Code mapped to each race checkbox that is checked in the current Identity record.</li> <li>○ <table border="1" data-bbox="689 719 1155 1209"> <thead> <tr> <th>Race Checkbox</th> <th>Report As:</th> </tr> </thead> <tbody> <tr> <td>American Indian or Alaska Native</td> <td>1</td> </tr> <tr> <td>Asian</td> <td>6</td> </tr> <tr> <td>Black or African American</td> <td>2</td> </tr> <tr> <td>Native Hawaiian or Other Pacific Islander</td> <td>7</td> </tr> <tr> <td>White</td> <td>5</td> </tr> </tbody> </table> </li> </ul> </li> </ul>	Race Checkbox	Report As:	American Indian or Alaska Native	1	Asian	6	Black or African American	2	Native Hawaiian or Other Pacific Islander	7	White	5	M	Identity	Identity.raceEthnicity  RaceEthnicity.raceID	✘
Race Checkbox	Report As:																	
American Indian or Alaska Native	1																	
Asian	6																	
Black or African American	2																	
Native Hawaiian or Other Pacific Islander	7																	
White	5																	

10	sexDescriptor (string)	<p><i>The student's gender as last reported to the education organization.</i></p> <hr/> <p>Report the following based on the value selected in <b>Legal Gender</b> on the active Identity record. If Legal Gender is NULL, use <b>Gender</b>.</p> <ul style="list-style-type: none"> <li>• Female report <b>Female</b></li> <li>• Male report <b>Male</b></li> <li>• All other values, report <b>Not Selected</b> <ul style="list-style-type: none"> <li>◦ This is not a valid value at the state-level and is used as a "catch-all" for errors related to the sexDescriptor.</li> </ul> </li> </ul>	M	Identity	Identity.legalGender  Identity.gender	✘		
11	studentCharacteristics (array)	<p><i>An unordered collection of studentEducationOrganization AssociationStudentCharacteristics. Reflects important characteristics of a student. If a student has a characteristic present, that characteristic is considered true or active for that student. If a characteristic is not present, no assumption is made as to the applicability of the characteristic, but local policy may dictate otherwise.</i></p> <hr/> <p>Report a <i>studentCharacteristicDescriptor</i> for <b>every area that satisfies reporting logic</b> in the table below:</p> <table border="1" data-bbox="602 1190 1158 1254"> <thead> <tr> <th>Characteristic</th> <th>Logic</th> </tr> </thead> </table>	Characteristic	Logic	C	<p><b>Homeless:</b> Homeless</p> <p><b>Foster Care:</b> Foster Care</p> <p><b>Displaced Homemaker:</b> Career &amp; Technical Education (CTE)</p> <p><b>Single Parent:</b> Career &amp; Technical Education (CTE)</p> <p><b>Unaccompanied Youth:</b> Homeless</p>	<p><b>Homeless:</b> Homeless. primaryNightTimeResidence Homeless.startDate Homeless.endDate</p> <p><b>Foster Care:</b> FosterCare.startDate FosterCare.endDate</p> <p><b>Displaced Homemaker:</b> CareerTechnicalEducation . specialPopulation CareerTechnicalEducation. startDate CareerTechnicalEducation. endDate</p>	✘
Characteristic	Logic							

Homeless	Reports when the student has a Homeless record that overlaps the configuration year.
Foster Care	<p>Reports when the student has a Foster Care record that overlaps the configuration year.</p> <ul style="list-style-type: none"> <li>The <i>periods</i> array will also report for Foster Care. It will report the Start Date and End Date of all Foster Care records that overlap the configuration year.</li> </ul>
Displaced Homemaker	Reports when the student has a Career & Technical Education (CTE) record that overlaps the configuration year where <b>Special Population</b> contains "03: Displaced Homemaker."

**Active/Retired /Reserves (State):**  
Military Connections

**Active Duty (Federal):**  
Military Connections

**Single Parent:**  
CareerTechnicalEducation . specialPopulation  
CareerTechnicalEducation . startDate  
CareerTechnicalEducation . endDate

**Unaccompanied Youth:**  
Homeless.  
unaccompaniedYouth  
Homeless.startDate  
Homeless.endDate

**Active/Retired/Reserves (State):**  
StudentMilitaryConnections . startDate  
StudentMilitaryConnections . endDate  
StudentMilitaryConnections . branch  
StudentMilitaryConnections . status

**Active Duty (Federal):**  
Homeless




Single Parent	Reports when the student has a Career & Technical Education (CTE) record that overlaps the configuration year where <b>Special Population</b> contains "02: Single Parent."
Unaccompanied Youth	Reports when the student has a Homeless record that overlaps the configuration year where <b>Unaccompanied Youth</b> is set to "Yes."

<p>Active/Retired /Reserves (State)</p>	<p>Reports when a related person to the student has a Military Connections record where the following are true:</p> <p><b>Branch</b> (must select one of the following):</p> <ul style="list-style-type: none"> <li>• Army National Guard</li> <li>• Air National Guard</li> </ul> <p><b>Status</b> (must select one of the following):</p> <ul style="list-style-type: none"> <li>• Active Duty, Deployed</li> <li>• Active Duty, Not Deployed</li> <li>• Retired</li> </ul>
---	---

		<p>Active Duty (Federal)</p> <p>Reports when a related person to the student has a Military Connections record where the following are true:</p> <p><b>Branch</b> (must select a code that is <b>NOT</b> one of the following):</p> <ul style="list-style-type: none"> <li>• Army National Guard</li> <li>• Air National Guard</li> </ul> <p><b>Status</b> (must select one of the following):</p> <ul style="list-style-type: none"> <li>• Active Duty, Deployed</li> <li>• Active Duty, Not Deployed</li> </ul>				
--	--	---	--	--	--	--



13	studentIndicators (array)	<p>An unordered collection of studentEducationOrganization AssociationStudentIndicators. An indicator or metric computed for the student (e.g., at risk).</p> <hr/> <p>Report an <i>indicatorName</i> and <i>indicator</i> for all rows of the table below:</p> <table border="1" data-bbox="602 464 1160 1200"> <thead> <tr> <th data-bbox="602 464 831 523">indicatorName</th> <th data-bbox="831 464 1160 523">indicator Logic</th> </tr> </thead> <tbody> <tr> <td data-bbox="602 523 831 927">Transporation Eligible</td> <td data-bbox="831 523 1160 927"> <ul style="list-style-type: none"> <li>Report <b>Y</b> if the student has a Transportation Eligibility record that overlaps the configured year and has Transportation Eligible checked.</li> <li>Report <b>N</b> in all other situations.</li> </ul> </td> </tr> <tr> <td data-bbox="602 927 831 1200">Choice Student</td> <td data-bbox="831 927 1160 1200"> <ul style="list-style-type: none"> <li>Report <b>Y</b> if the student has a value entered for Choice Basis Reason.</li> <li>Report <b>N</b> in all other situations.</li> </ul> </td> </tr> </tbody> </table>	indicatorName	indicator Logic	Transporation Eligible	<ul style="list-style-type: none"> <li>Report <b>Y</b> if the student has a Transportation Eligibility record that overlaps the configured year and has Transportation Eligible checked.</li> <li>Report <b>N</b> in all other situations.</li> </ul>	Choice Student	<ul style="list-style-type: none"> <li>Report <b>Y</b> if the student has a value entered for Choice Basis Reason.</li> <li>Report <b>N</b> in all other situations.</li> </ul>	M	<p><b>Transporation Eligible:</b> Transportation</p> <p><b>Choice Student:</b> Enrollment</p>	<p><b>Transporation Eligible:</b> TransportationStudentDetail.value</p> <p><b>Choice Student:</b> Enrollment.choiceBasisReason</p>	✘
indicatorName	indicator Logic											
Transporation Eligible	<ul style="list-style-type: none"> <li>Report <b>Y</b> if the student has a Transportation Eligibility record that overlaps the configured year and has Transportation Eligible checked.</li> <li>Report <b>N</b> in all other situations.</li> </ul>											
Choice Student	<ul style="list-style-type: none"> <li>Report <b>Y</b> if the student has a value entered for Choice Basis Reason.</li> <li>Report <b>N</b> in all other situations.</li> </ul>											

14	telephones (array)	<p><i>An unordered collection of studentEducationOrganization AssociationTelephones. The 10-digit telephone number, including the area code, for the person.</i></p> <hr/> <p>Reports the below data elements in an array for all telephones entered:</p> <ul style="list-style-type: none"> <li>• telephoneNumberTypeDescriptor             <ul style="list-style-type: none"> <li>○ Reports <b>Cell</b> (Hard-Coded) for Cell Phone.</li> <li>○ Reports <b>Home</b> (Hard-Coded) for Other Phone.</li> <li>○ Reports <b>Work</b> (Hard-Coded) for Work Phone.</li> <li>○ Reports <b>Pager</b> (Hard-Coded) for Pager.</li> </ul> </li> <li>• telephoneNumber             <ul style="list-style-type: none"> <li>○ Reports the <b>Telephone Number</b>.</li> </ul> </li> <li>• doNotPublishIndicator             <ul style="list-style-type: none"> <li>○ Reports <b>True</b> if Private is checked.</li> <li>○ Reports <b>False</b> in all other situations.</li> </ul> </li> <li>• Does not report the following data elements:             <ul style="list-style-type: none"> <li>○ orderOfPriority</li> <li>○ textMessageCapabilityIndicator</li> </ul> </li> </ul>	M	Demographics	<p>Contact.cellPhone</p> <p>Contact.homePhone</p> <p>Contact.workPhone</p> <p>Contact.pager</p> <p>Contact.cellPhonePrivate</p> <p>Contact.homePhonePrivate</p> <p>Contact.workPhonePrivate</p> <p>Contact.pagerPrivate</p>	
----	--------------------	--	---	--------------	---	---

15	ferpaOpt OutDescriptor (string)	<p><i>Indicates code for opting out of the FERPA privacy.</i></p> <hr/> <ul style="list-style-type: none"> <li>• Report in the following priority order:             <ul style="list-style-type: none"> <li>○ Report <b>B</b> (Both) if Question 1 and Question 2 have values of Yes.</li> <li>○ Report <b>D</b> (Directory Only) if Question 1 has a value of Yes.</li> <li>○ Report <b>M</b> (Military Only) if Question 2 has a value of Yes.</li> </ul> </li> <li>• Do not report in all other situations.</li> </ul>	C	FERPA	FERPA.directoryQuestion  FERPA.militaryQuestion	EXT
16	ferpaAddress (boolean)	<p><i>Indicates the FERPA privacy flag for student's address.</i></p> <hr/> <ul style="list-style-type: none"> <li>• Report <b>True</b> if Data Opt Out has code 01: Address selected.</li> <li>• Report <b>False</b> in all other situations.</li> </ul>	M	FERPA	FERPAValue.dataOptOut	EXT
17	ferpaName (boolean)	<p><i>Indicates the FERPA privacy flag for student's name.</i></p> <hr/> <ul style="list-style-type: none"> <li>• Report <b>True</b> if Data Opt Out has code 02: Name selected.</li> <li>• Report <b>False</b> in all other situations.</li> </ul>	M	FERPA	FERPAValue.dataOptOut	EXT

18	ferpaPhone ( <i>boolean</i> )	<p><i>Indicates the FERPA privacy flag for student's phone number.</i></p> <hr/> <ul style="list-style-type: none"> <li>• Report <b>True</b> if Data Opt Out has code <i>03: Phone</i> selected.</li> <li>• Report <b>False</b> in all other situations.</li> </ul>	M	FERPA	FERPAValue.dataOptOut	EXT
19	ferpaPhoto ( <i>boolean</i> )	<p><i>Indicates the FERPA privacy flag for student's photo.</i></p> <hr/> <ul style="list-style-type: none"> <li>• Report <b>True</b> if Data Opt Out has code <i>04: Photo</i> selected.</li> <li>• Report <b>False</b> in all other situations.</li> </ul>	M	FERPA	FERPAValue.dataOptOut	EXT



20	multiliteracies (array)	<p><i>An unordered collection of studentEducationOrganization AssociationMultiliteracies. Indicates if the student received a multiliteracy award.</i></p> <hr/> <ul style="list-style-type: none"> <li>• certificateCategoryDescriptor             <ul style="list-style-type: none"> <li>◦ Reports the Ed-Fi Code mapped to the value selected for <b>Certificate Category</b>.</li> </ul> </li> <li>• languageDescriptor             <ul style="list-style-type: none"> <li>◦ Reports the Ed-Fi Code mapped to the value selected for <b>Language</b>.</li> </ul> </li> <li>• assessmentTitle             <ul style="list-style-type: none"> <li>◦ Reports the Name of the code selected for <b>Assessment Title</b>.</li> </ul> </li> <li>• certificateIssueConfirm             <ul style="list-style-type: none"> <li>◦ Reports <b>True</b> if Certificate Issue Confirm (DOE Only) is checked.</li> <li>◦ Reports <b>False</b> in all other situations.</li> </ul> </li> </ul>	C	Graduation	<p>GraduationSeal.stateSeal</p> <p>GraduationSeal.language</p> <p>GraduationSeal.assessmentTitle</p> <p>GraduationSeal.certificationIssueConfirm</p>	EXT
21	priorIds (array)	<p><i>An unordered collection of studentEducationOrganization AssociationPriorIds. A unique prior alphanumeric code assigned to a student.</i></p> <hr/> <p>Reports the following data elements in an array:</p> <ul style="list-style-type: none"> <li>• priorId             <ul style="list-style-type: none"> <li>◦ Reports all prior IDs the student had for the Student State ID field.</li> </ul> </li> </ul>	C	ID History	<p>StateIDHistory.stateID</p> <p>(WHERE active = '0')</p>	EXT
22	ancestryEthnic Origins	This is optional, do not report.	O	N/A	N/A	N/A

23	barrierToInternet AccessIn ResidenceDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
24	cohortYears	This is optional, do not report.	O	N/A	N/A	N/A
25	disabilities	This is optional, do not report.	O	N/A	N/A	N/A
26	internationalAddresses	This is optional, do not report.	O	N/A	N/A	N/A
27	internetAccessInResidence	This is optional, do not report.	O	N/A	N/A	N/A
28	internetAccess TypeIn ResidenceDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
29	internetPerformance InResidenceDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
30	loginId	This is optional, do not report.	O	N/A	N/A	N/A
31	oldEthnicityDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
32	primaryLearning DeviceAccessDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
33	primaryLearning DeviceAwayFrom SchoolDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
34	primaryLearning DeviceProvider Descriptor	This is optional, do not report.	O	N/A	N/A	N/A
35	profileThumbnail	This is optional, do not report.	O	N/A	N/A	N/A
36	tribalAffiliations	This is optional, do not report.	O	N/A	N/A	N/A

Pre-K Student Education Organization Associations Record

Object Triggering Logic

Action	Business Rule(s)
Post	<p>Reports a record when an enrollment is created for a person <b>AND</b> the enrollment overlaps the configured year <b>AND</b> the grade level on the enrollment is mapped to an Ed-Fi Code of KN (Kindergarten) or PK (Pre-K).</p> <ul style="list-style-type: none"> <li>• Do not report a record if the any of the following exclusions are present:               <ul style="list-style-type: none"> <li>○ Enrollment State Exclude</li> <li>○ Enrollment No Show</li> <li>○ Enrollment Grade Exclude from State Reporting</li> <li>○ Calendar Exclude</li> <li>○ School Exclude</li> <li>○ Licensed Childcare is NULL on the Early Learning record</li> <li>○ Year PreK Attended is NULL on the Early Learning record</li> </ul> </li> </ul>

<p>Delete /Post</p> <p>Put</p>	<p>A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.</p> <ul style="list-style-type: none"> <li>• When the following information on a student's identity record is changed:             <ul style="list-style-type: none"> <li>○ Identity ID (New Identity record)</li> <li>○ Legal Gender</li> <li>○ Gender</li> </ul> </li> <li>• When the following information on a student's demographics page is changed:             <ul style="list-style-type: none"> <li>○ Student State ID</li> </ul> </li> <li>• When the following information on a student's enrollment is changed:             <ul style="list-style-type: none"> <li>○ Enrollment ID (New Enrollment)</li> <li>○ State Exclude</li> <li>○ No Show</li> <li>○ Start Date</li> <li>○ End Date</li> <li>○ Grade Level</li> </ul> </li> <li>• When the following information changes on a student's Early Learning record:             <ul style="list-style-type: none"> <li>○ Early Learning ID (New Early Learning record)</li> <li>○ Licensed Childcare</li> <li>○ Year PreK Attended</li> </ul> </li> </ul>
<p>Delete</p>	<ul style="list-style-type: none"> <li>• <b>IMPORTANT:</b> Infinite Campus will only attempt to delete records that originated from the Infinite Campus site. These records are identified through the Identity Mapping Report.</li> <li>• When all reportable enrollments are deleted for the person.</li> <li>• When the enrollment is excluded in some way.</li> </ul>

Object Data Elements Logic

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic  (✓ / ✗ / EXT)
--	--------------------	------------------	--	----------------------------	----------------	--

1	<p><b>educationOrganizationReference</b> (<i>reference</i>)</p>	<p><i>A reference to the Community Providers/Community Organizations resource associated with the Student Education Organization Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Community Providers/Community Organizations resource.</p> <ul style="list-style-type: none"> <li>• educationOrganizationId             <ul style="list-style-type: none"> <li>○ Report in the format of 100000000. Use the ID of the code selected in <b>Licensed Childcare</b> and replace the ending digits of the format with the code. If the selected code is negative, report a negative number.</li> <li>○ Examples:                 <ul style="list-style-type: none"> <li>▪ Licensed Childcare code selected is -51. We would report <b>-1000000051</b>.</li> <li>▪ Licensed Childcare code selected is 27922. We would report <b>1000027922</b>.</li> </ul> </li> </ul> </li> </ul>	M	Early Learning	EarlyLearning.location	✘
---	---	---	---	----------------	------------------------	---

2	<b>studentReference</b> ( <i>reference</i> )	<p><i>A reference to the Students resource associated with the Student Education Organization Association being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Students resource.</p>	M	N/A	N/A	✔
3	sexDescriptor ( <i>string</i> )	<p><i>The student's gender as last reported to the education organization.</i></p> <hr/> <p>Report the following based on the value selected in <b>Legal Gender</b> on the active Identity record. If Legal Gender is NULL, use <b>Gender</b>.</p> <ul style="list-style-type: none"> <li>• Female report <b>F</b></li> <li>• Male report <b>M</b></li> <li>• All other values, report <b>Not Selected</b> <ul style="list-style-type: none"> <li>○ This is not a valid value at the state-level and is used as a "catch-all" for errors related to the sexDescriptor.</li> </ul> </li> </ul>	M	Identity	Identity.legalGender  Identity.gender	✘

4	schoolYearTypeReference (reference)	<i>A reference to the School Years resource associated with the Student Education Organization Association being reported.</i>  Report the year entered into <b>Year PreK Attended</b> .	M	Early Learning	EarlyLearning.yrPreKAttended	EXT
5	addresses	This is optional, do not report.	O	N/A	N/A	N/A
6	ancestryEthnicOrigins	This is optional, do not report.	O	N/A	N/A	N/A
7	barrierToInternetAccessInResidenceDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
8	cohortYears	This is optional, do not report.	O	N/A	N/A	N/A
9	disabilities	This is optional, do not report.	O	N/A	N/A	N/A
10	electronicMails	This is optional, do not report.	O	N/A	N/A	N/A
11	hispanicLatinoEthnicity	This is optional, do not report.	O	N/A	N/A	N/A
12	internationalAddresses	This is optional, do not report.	O	N/A	N/A	N/A
13	internetAccessInResidence	This is optional, do not report.	O	N/A	N/A	N/A
14	internetAccessTypeInResidenceDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
15	internetPerformanceInResidenceDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
16	languages	This is optional, do not report.	O	N/A	N/A	N/A
17	limitedEnglishProficiencyDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
18	loginId	This is optional, do not report.	O	N/A	N/A	N/A
19	oldEthnicityDescriptor	This is optional, do not report.	O	N/A	N/A	N/A



20	primaryLearningDeviceAccessDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
21	primaryLearningDeviceAwayFromSchoolDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
22	primaryLearningDeviceProviderDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
23	profileThumbnail	This is optional, do not report.	O	N/A	N/A	N/A
24	programParticipations	This is optional, do not report.	O	N/A	N/A	N/A
25	races	This is optional, do not report.	O	N/A	N/A	N/A
26	studentCharacteristics	This is optional, do not report.	O	N/A	N/A	N/A
27	studentIdentificationCodes	This is optional, do not report.	O	N/A	N/A	N/A
28	studentIndicators	This is optional, do not report.	O	N/A	N/A	N/A
29	telephones	This is optional, do not report.	O	N/A	N/A	N/A
30	tribalAffiliations	This is optional, do not report.	O	N/A	N/A	N/A
31	ferpaOptOutDescriptor	This is optional, do not report.	O	N/A	N/A	N/A
32	ferpaAddress	This is optional, do not report.	O	N/A	N/A	N/A
33	ferpaName	This is optional, do not report.	O	N/A	N/A	N/A
34	ferpaPhone	This is optional, do not report.	O	N/A	N/A	N/A
35	ferpaPhoto	This is optional, do not report.	O	N/A	N/A	N/A
36	multiliteracies	This is optional, do not report.	O	N/A	N/A	N/A
37	priorIds	This is optional, do not report.	O	N/A	N/A	N/A

Appendix

