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

November 2024

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

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Summary

This association represents the school in which a student is enrolled

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Required Resources (Upstream)

The following resources must be sent prior to this resource:

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

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Dependent Resources (Downstream)

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

- Student Assessment Registrations

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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 |
|---|---|
|  |  |

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Normal Student Education Organization Associations Record

Object Triggering Logic

| Action | Business Rule(s) |
|---|---|
| Post | Reports a record when an enrollment is created for a person and the enrollment overlaps the configured year.<br><br>• Do not report a record if the any of the following exclusions are present:<br>   ○ Enrollment State Exclude<br>   ○ Enrollment No Show<br>   ○ Enrollment Grade Exclude from State Reporting<br>   ○ Calendar Exclude<br>   ○ School Exclude |
| Delete /Post<br><br>Put | 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.<br><br>• When the following information on a student's identity record is changed:<br><br>   ○ Identity ID (New Identity record)<br>   ○ Race/Ethnicity (checkboxes)<br>   ○ "Is the individual Hispanic/Latino?"<br>   ○ Legal Gender<br>   ○ Gender<br>• When the following information on a student's household location is changed:<br><br>   ○ Household Location ID (New Household Location)<br>   ○ Physical<br>   ○ Mailing<br>   ○ Private<br>• When the following information on a student's household membership is changed:<br><br>   ○ Household Membership ID (New Household Membership)<br>   ○ Start Date<br>   ○ End Date<br>   ○ Private |

- 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
  - Funding School
  - Accountability School
  - Resident School
- 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
- 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

|  |  |
|---|---|
|  | <ul><li>When the following information changes on a student's Homeless record:<ul><li>Homeless ID (New Homeless record)</li><li>Start Date</li><li>End Date</li><li>Primary Night Time Residence</li><li>Unaccompanied Youth</li></ul></li><li>When the following information changes on a student's Foster Care record:<ul><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 & Technical Education (CTE) record:<ul><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><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><li>**IMPORTANT:** 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 |
|---|---|---|---|---|---|
| 1 | **educationOrganization Reference** (*reference*) | *A reference to the Local Education Agencies resource associated with the Student Education Organization Association being reported.*<br><br>Reports the fields that are part of the Natural Key for the Local Education Agencies resource.<br><br>• educationOrganizationId = **District Ed-Fi Number** | M | District Information | District.entityID |
| 2 | **studentReference** (*reference*) | *A reference to the Students resource associated with the Student Education Organization Association being reported.*<br><br>Reports the fields that are part of the Natural Key for the Students resource. | M | N/A | N/A |
| 3 | addresses (*array*) | *An unordered collection of studentEducation OrganizationAssociationAddresses. The set of elements that describes an address, including the street address, city, state, and ZIP code.*<br><br>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. | M | Household Addresses<br><br>Household Membership | HouseholdLocation.phy<br><br>HouseholdLocation.ma<br><br>HouseholdMember.star<br><br>HouseholdLocation.sta<br><br>HouseholdLocation.priv<br><br>Address.state<br><br>Address.apt<br><br>Address.city |

- addressTypeDescriptor
  - Report **M** (Mailing) if the Mailing checkbox is checked.
  - Report **P** (Physical) if the Physical checkbox is checked.
- stateAbbreviationDescriptor
  - Reports the Ed-Fi Code mapped to the value being reported for **State**.
- apartmentRoomSuiteNumber
  - Reports the **Apt**
- city
  - Reports the **City**
- postalCode
  - Reports the **Zip Code**
- nameOfCounty
  - Reports the **County**
- streetNumberName
  - Reports as: **PO Box** + **Number** + **Street** + **Tag** + **Prefix** + **Dir**
- doNotPublishIndicator
  - Reports **True** if checked Private.
  - Reports **False** in all other situations.
- localeDescriptor
  - Report **Wilmington** if the Municipality field is exactly "Wilmington"
  - Do not report in all other situations.
- Do not report the following data elements:
  - buildingSiteNumber
  - congressionalDistrict
  - countyFIPSCode
  - latitude
  - longitude
  - complex
  - development
  - periods
    - beginDate
    - endDate

Address.zip

Address.county

Address.postOfficeBox

Address.number

Address.street

Address.tag

Address.prefix

Address.dir

Address.municipality

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| 4 | electronicMails (*array*) | *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.*<br><br>Reports the following data elements in an array for only the Primary Email:<br><br>• electronicMailTypeDescriptor<br>  ○ Reports **Home/Personal** (Hard-Coded).<br>• electronicMailAddress<br>  ○ Reports the **Email Address** being reported.<br>• doNotPublishIndicator<br>  ○ Reports **True** if checked Private.<br>  ○ Reports **False** in all other sitautions.<br>• Does not report the following data elements:<br>  ○ primaryEmailAddressIndicator | M | Demographics | Contact.email |
| 5 | hispanicLatino Ethnicity (*boolean*) | *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."*<br><br>• Report **True** when "*Is the individual Hispanic/Latino?" is set to Yes on the current Identity record.<br>• Report **False** in all other situations. | M | Identity | Identity.hispanicEthnicit |

| 6 | languages (*array*) | 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. | M | Demographics | • Q1<br>  ○ Identity.languag<br>• Q2<br>  ○ Identity. homePrimaryLa<br>• Q3<br>  ○ Identity.languag<br>• Q4<br>  ○ CustomLanguag value<br>• Q5<br>  ○ Identity.languag |
|---|---|---|---|---|---|
| | | • languageDescriptor<br>  ○ Reports the Ed-Fi Code mapped to the value selected for **Language**.<br>• languageUseDescriptor<br>  ○ Reports based on the table below: | | | |

| 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 |

○ Can report as multiple languageUseDescriptors if the same language is used in different fields.

| 7 | limitedEnglish ProficiencyDescriptor (*string*) | An indication that the student has been identified as limited English proficient by the Language Proficiency Assessment Committee (LPAC), or English proficient. | M | English Learners (EL) | LEP.programStatus<br><br>LEP.exitDate |
|---|---|---|---|---|---|
| | | • Report **Y** if the student has a status of "EL."<br>• Report **Y** if the student has a status of "Exited EL" with an Exit Date in the current configuration year.<br>• Report **N** in all other situations. | | | |

| 8 | programParticipations (*array*) | *An unordered collection of studentEducationOrganization AssociationProgramParticipations. Key programs the student is participating in or receives services from.*<br><br>Reports the below data elements in an array from the most recent SPED Summary tab record that overlaps the config year:<br><br>• programTypeDescriptor<br>  ◦ Reports **Special Education** (Hard-Coded).<br>• programCharacteristics<br>  ◦ programCharacteristicDescriptor<br>    ▪ Reports the Ed-Fi Code mapped to the value selected for **Other Calendar Programs**.<br>• The following data elements are not reported:<br>  ◦ beginDate<br>  ◦ designatedBy<br>  ◦ endDate | M | Special Education Summary | SpecialEDState . otherCalendarPrograms |

| 9 | races (*array*) | *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.*<br><br>Reports the below data elements in an array:<br><br>• raceDescriptor<br>  ○ Reports the Ed-Fi Code mapped to each race checkbox that is checked in the current Identity record. | M | Identity | Identity.raceEthnicity<br><br>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 |

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| 10 | sexDescriptor (*string*) | The student's gender as last reported to the education organization.<br><br>Report the following based on the value selected in **Legal Gender** on the active Identity record. If Legal Gender is NULL, use **Gender**.<br><br>• Female report **Female**<br>• Male report **Male**<br>• All other values, report **Not Selected**<br>  ○ This is not a valid value at the state-level and is used as a "catch-all" for errors related to the sexDescriptor. | M | Identity | Identity.legalGender<br><br>Identity.gender |
| 11 | studentCharacteristics (*array*) | *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.*<br><br>Report a *studentCharacteristicDescriptor* for **every area that satisfies reporting logic** in the table below: | C | **Homeless:**<br>Homeless<br><br>**Foster Care:**<br>Foster Care<br><br>**Displaced Homemaker:**<br>Career & Technical Education (CTE)<br><br>**Single Parent:**<br>Career & Technical Education (CTE)<br><br>**Unaccompanied Youth:**<br>Homeless<br><br>**Active/Retired /Reserves (State):**<br>Military Connections<br><br>**Active Duty (Federal):**<br>Military Connections | **Homeless:**<br>Homeless. primaryNightTimeResid<br>Homeless.startDate<br>Homeless.endDate<br><br>**Foster Care:**<br>FosterCare.startDate<br>FosterCare.endDate<br><br>**Displaced Homemake**<br>CareerTechnicalEducat specialPopulation<br>CareerTechnicalEducat startDate<br>CareerTechnicalEducat endDate<br><br>**Single Parent:**<br>CareerTechnicalEducat specialPopulation<br>CareerTechnicalEducat startDate<br>CareerTechnicalEducat endDate |

| Characteristic | Logic |
|---|---|
| Homeless | Reports when the student has a Homeless record that overlaps the configuration year. |
| Foster Care | Reports when the student has a Foster Care record that overlaps the configuration year.<br><br>• The *periods* 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. |
| Displaced Homemaker | Reports when the student has a Career & Technical Education (CTE) record that overlaps the configuration year where **Special Population** contains "03: Displaced Homemaker." |
| Single Parent | Reports when the student has a Career & Technical Education (CTE) record that overlaps the configuration year where **Special Population** contains "02: Single Parent." |
| Unaccompanied Youth | Reports when the student has a Homeless record that overlaps the configuration year where **Unaccompanied Youth** is set to "Yes." |
| Active/Retired /Reserves (State) | Reports when a related person to the student has a Military Connections record where the **Status** is Active Duty/Recently Retired /Reserves/Disabled Veteran/Killed in Action (State). |
| Active Duty (Federal) | Reports when a related person to the student has a Military Connections record where the **Status** is Active Duty (Federal). |

**Unaccompanied Yout**
Homeless.
unaccompaniedYouth
Homeless.startDate
Homeless.endDate

**Active/Retired/Reserv (State):**
ImpactAidEmployment
startDate
ImpactAidEmployment
endDate
ImpactAidEmployment

**Active Duty (Federal):**
ImpactAidEmployment
startDate
ImpactAidEmployment
endDate
ImpactAidEmployment

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| 12 | student IdentificationCodes (*array*) | *An unordered collection of studentEducationOrganization AssociationStudentIdentificationCodes. A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a student.*<br><br>Report an *studentIndentificationSystemDescriptor* and *identificationCode* for all rows of the table below. The *assigningOrganizationIdentificationCode* will always report as the **Ed-Fi District Number**:<br><br>| Identification Descriptor | Identification Code |<br>| --- | --- |<br>| MCI | MCI Number |<br>| State Report Id | Student State ID | | M | Demographics<br><br><br><br>District Information | Person.additionalID<br><br>Person.stateID<br><br><br>District.entityID |
| 13 | studentIndicators (*array*) | *An unordered collection of studentEducationOrganization AssociationStudentIndicators. An indicator or metric computed for the student (e.g., at risk).*<br><br>Report an *indicatorName, indicatorGroup,* and *indicator* for all rows of the table below. All data elements not mentioned do not report.:<br><br>| indicatorName | indicatorGroup | indicator Logic |<br>| --- | --- | --- | | M | **Transporation Eligible:** Transportation<br><br>**Choice Student:** Enrollment<br><br>**FundingBuilding:** Enrollment<br><br>**ResidentBuilding:** Enrollment<br><br>**AccountabilityBuilding:** Enrollment | **Transporation Eligible:** TransportationStudentD value<br><br>**Choice Student:** Enrollment. choiceBasisReason<br><br>**FundingBuilding:** EnrollmentDE. fundingS<br><br>**ResidentBuilding:** Enrollment. residentSch<br><br>**AccountabilityBuildin** EnrollmentDE. accountabilitySchool |

| | | |
|---|---|---|
| Transporation Eligible | Does not report. | <ul><li>Report **Y** if the student has a Transportation Eligibility record that overlaps the configured year and has Transportation Eligible checked.</li><li>Report **N** in all other situations.</li></ul> |
| Choice Student | Does not report. | <ul><li>Report **Y** if the student has a value entered for Choice Basis Reason.</li><li>Report **N** in all other situations.</li></ul> |

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| FundingBuilding | ResponsibilityBuilding | Report the **Code** of the value selected for **Funding School**.<br><br>• Report the **Ed-Fi School ID** associated with the Enrollment if NULL. |
|---|---|---|
| ResidentBuilding | ResponsibilityBuilding | Report the **Code** of the value selected for **Resident School**.<br><br>• Report the **Ed-Fi School ID** associated with the Enrollment if NULL. |

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| | | AccountabilityBuilding | ResponsibilityBuilding | Report the **Code** of the value selected for **Accountability School**.<br><br>• Report the **Ed-Fi School ID** associated with the Enrollment if NULL. | | | |
|---|---|---|---|---|---|---|---|
| 14 | telephones (*array*) | *An unordered collection of studentEducationOrganization AssociationTelephones. The 10-digit telephone number, including the area code, for the person.*<br><br>Reports the below data elements in an array for all telephones entered:<br><br>• telephoneNumberTypeDescriptor<br>  ○ Reports **Cell** (Hard-Coded) for Cell Phone.<br>  ○ Reports **Home** (Hard-Coded) for Other Phone.<br>  ○ Reports **Work** (Hard-Coded) for Work Phone.<br>  ○ Reports **Pager** (Hard-Coded) for Pager.<br>• telephoneNumber<br>  ○ Reports the **Telephone Number**.<br>• doNotPublishIndicator<br>  ○ Reports **True** if Private is checked.<br>  ○ Reports **False** in all other situations.<br>• Does not report the following data elements:<br>  ○ orderOfPriority<br>  ○ textMessageCapabilityIndicator | M | Demographics | Contact.cellPhone<br><br>Contact.homePhone<br><br>Contact.workPhone<br><br>Contact.pager<br><br>Contact.cellPhonePriva<br><br>Contact.homePhonePri<br><br>Contact.workPhonePriv<br><br>Contact.pagerPrivate |

| 15 | ferpaOpt OutDescriptor (*string*) | *Indicates code for opting out of the FERPA privacy.* <br><br> • Report in the following priority order: <br>　○ Report **B** (Both) if Question 1 and Question 2 have values of *Yes.* <br>　○ Report **D** (Directory Only) if Question 1 has a value of *Yes.* <br>　○ Report **M** (Military Only) if Question 2 has a value of *Yes.* <br>• Do not report in all other situations. | C | FERPA | FERPA.directoryQuesti <br><br> FERPA.militaryQuestio |
|----|----|----|----|----|----|
| 16 | ferpaAddress (*boolean*) | *Indicates the FERPA privacy flag for student's address.* <br><br> • Report **True** if Data Opt Out has code *01: Address* selected. <br>• Report **False** in all other situations. | M | FERPA | FERPAValue.dataOptC |
| 17 | ferpaName (*boolean*) | *Indicates the FERPA privacy flag for student's name.* <br><br> • Report **True** if Data Opt Out has code *02: Name* selected. <br>• Report **False** in all other situations. | M | FERPA | FERPAValue.dataOptC |
| 18 | ferpaPhone (*boolean*) | *Indicates the FERPA privacy flag for student's phone number.* <br><br> • Report **True** if Data Opt Out has code *03: Phone* selected. <br>• Report **False** in all other situations. | M | FERPA | FERPAValue.dataOptC |

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| 19 | ferpaPhoto (*boolean*) | *Indicates the FERPA privacy flag for student's photo.* <br><br> • Report **True** if Data Opt Out has code *04: Photo* selected. <br> • Report **False** in all other situations. | M | FERPA | FERPAValue.dataOptO |
|---|---|---|---|---|---|
| 20 | multiliteracies (*array*) | *An unordered collection of studentEducationOrganization AssociationMultiliteracies. Indicates if the student received a multiliteracy award.* <br><br> • certificateCategoryDescriptor <br>    ◦ Reports the Ed-Fi Code mapped to the value selected for **Certificate Category**. <br> • languageDescriptor <br>    ◦ Reports the Ed-Fi Code mapped to the value selected for **Language**. <br> • assessmentTitle <br>    ◦ Reports the Name of the code selected for **Assessment Title**. <br> • certificateIssueConfirm <br>    ◦ Reports **True** if Certificate Issue Confirm (DOE Only) is checked. <br>    ◦ Reports **False** in all other situations. | C | Graduation | GraduationSeal.stateSe <br><br> GraduationSeal.langua <br><br> GraduationSeal. assessmentTitle <br><br> GraduationSeal . certificationIssueConfir |

| 21 | priorIds (*array*) | *An unordered collection of studentEducationOrganization AssociationPriorIds. A unique prior alphanumeric code assigned to a student.*<br><br>Reports the following data elements in an array:<br><br>• priorId<br>   ○ Reports all prior IDs the student had for the Student State ID field. | C | ID History | StateIDHistory.stateID<br><br>(WHERE active = '0') |
| 22 | ancestryEthnic Origins | This is optional, do not report. | O | N/A | N/A |
| 23 | barrierToInternet AccessIn ResidenceDescriptor | This is optional, do not report. | O | N/A | N/A |
| 24 | cohortYears | This is optional, do not report. | O | N/A | N/A |
| 25 | disabilities | This is optional, do not report. | O | N/A | N/A |
| 26 | internationalAddresses | This is optional, do not report. | O | N/A | N/A |
| 27 | internetAccessInResidence | This is optional, do not report. | O | N/A | N/A |
| 28 | internetAccess TypeIn ResidenceDescriptor | This is optional, do not report. | O | N/A | N/A |
| 29 | internetPerformance InResidenceDescriptor | This is optional, do not report. | O | N/A | N/A |
| 30 | loginId | This is optional, do not report. | O | N/A | N/A |
| 31 | oldEthnicityDescriptor | This is optional, do not report. | O | N/A | N/A |
| 32 | primaryLearning DeviceAccessDescriptor | This is optional, do not report. | O | N/A | N/A |
| 33 | primaryLearning DeviceAwayFrom SchoolDescriptor | This is optional, do not report. | O | N/A | N/A |

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| 34 | primaryLearning DeviceProvider Descriptor | This is optional, do not report. | O | N/A | N/A |
|----|-------------------------------------------|----------------------------------|---|-----|-----|
| 35 | profileThumbnail | This is optional, do not report. | O | N/A | N/A |
| 36 | tribalAffiliations | This is optional, do not report. | O | N/A | N/A |

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Pre-K Student Education Organization Associations Record

Object Triggering Logic

| Action | Business Rule(s) |
|--------|------------------|
| Post | Reports a record when an enrollment is created for a person **AND** the enrollment overlaps the configured year **AND** the grade level on the enrollment is mapped to an Ed-Fi Code of KN (Kindergarten) or PK (Pre-K). <br><br> • Do not report a record if the any of the following exclusions are present: <br>    ○ Enrollment State Exclude <br>    ○ Enrollment No Show <br>    ○ Enrollment Grade Exclude from State Reporting <br>    ○ Calendar Exclude <br>    ○ School Exclude <br>    ○ Licensed Childcare is NULL on the Early Learning record <br>    ○ Year PreK Attended is NULL on the Early Learning record |

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| | |
|---|---|
| Delete /Post<br><br>Put | 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.<br><br>• When the following information on a student's identity record is changed:<br>  ○ Identity ID (New Identity record)<br>  ○ Legal Gender<br>  ○ Gender<br>• When the following information on a student's demographics page is changed:<br>  ○ Student State ID<br>• When the following information on a student's enrollment is changed:<br>  ○ Enrollment ID (New Enrollment)<br>  ○ State Exclude<br>  ○ No Show<br>  ○ Start Date<br>  ○ End Date<br>  ○ Grade Level<br>• When the following information changes on a student's Early Learning record:<br>  ○ Early Learning ID (New Early Learning record)<br>  ○ Licensed Childcare<br>  ○ Year PreK Attended |
| Delete | • **IMPORTANT:** Infinite Campus will only attempt to delete records that originated from the Infinite Campus site. These records are identified through the Identity Mapping Report.<br>• When all reportable enrollments are deleted for the person.<br>• When the enrollment is excluded in some way. |

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.

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

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| 1 | **educationOrganizationReference** (*reference*) | *A reference to the Community Providers/Community Organizations resource associated with the Student Education Organization Association being reported.*<hr>Reports the fields that are part of the Natural Key for the Community Providers/Community Organizations resource.<br><br>• educationOrganizationId<br>  ○ Report in the format of *1000000000.* Use the ID of the code selected in **Licensed Childcare** and replace the ending digits of the format with the code. If the selected code is negative, report a negative number.<br>  ○ Examples:<br>    ▪ Licensed Childcare code selected is -51. We would report **-1000000051**.<br>    ▪ Licensed Childcare code selected is 27922. We would report **1000027922**. | M | Early Learning | EarlyLearning. location | ✖ |

| 2 | **studentReference** (*reference*) | *A reference to the Students resource associated with the Student Education Organization Association being reported.* | M | N/A | N/A | ✔ |
| | | Reports the fields that are part of the Natural Key for the Students resource. | | | | |
| 3 | sexDescriptor (*string*) | *The student's gender as last reported to the education organization.* | M | Identity | Identity. legalGender | ✖ |
| | | Report the following based on the value selected in **Legal Gender** on the active Identity record. If Legal Gender is NULL, use **Gender**. | | | Identity.gender | |
| | | • Female report **F** <br> • Male report **M** <br> • All other values, report **Not Selected** <br> ○ This is not a valid value at the state-level and is used as a "catch-all" for errors related to the sexDescriptor. | | | | |

| 4 | schoolYearTypeReference (*reference*) | *A reference to the School Years resource associated with the Student Education Organization Association being reported.*<br><br>Report the year entered into **Year PreK Attended**. | 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 |

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| 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