

# **Core Ed-Fi Suite v3.6.1, Data Standard v4.0: Student Education Organization Associations**

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# Core Ed-Fi Suite v3.6.1, Data Standard v4.0: Student Education Organization Associations

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## Summary

This association represents student information as reported in the context of the student's relationship to the education organization. Enrollment relationship semantics are covered by StudentSchoolAssociation.

## Object Triggering Logic

Action	Business Rule(s)
Post	<p>Reports a record when an Enrollment is saved and overlaps the configured year.</p> <ul style="list-style-type: none"> <li>• A record is only reported for Enrollments in the same School Year as the Ed-Fi Connection sending the record.                             <ul style="list-style-type: none"> <li>◦ School Year dates are defined in School Year Setup.                                     <ul style="list-style-type: none"> <li>▪ If Start Date is NULL, 07/01/StartYear will be used.</li> <li>▪ If End Date is NULL, 06/30/EndYear will be used.</li> </ul> </li> </ul> </li> <li>• Do not report a record if the any of the following exclusions are present:                             <ul style="list-style-type: none"> <li>◦ Enrollment No Show</li> <li>◦ Calendar Exclude</li> <li>◦ School Exclude</li> </ul> </li> </ul>

Delete  
/Post

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.

Put

- When any of the following information is changed on Enrollments:
  - Enrollment ID (New Enrollment)
  - Start Date
  - End Date
  - No Show
- When any of the following information is changed on Identity:
  - Identity ID (New Identity)
  - Effective Date
  - Gender
  - US Entry Type
  - Home Primary Language
  - Race Checkboxes
  - Is the individual Hispanic/Latino?
- When any of the following information is changed on Demographics:
  - Ed-Fi ID
  - Local Student Number
  - Student State ID
  - Email
  - Email Private
  - Cell Phone
  - Cell Phone Private
  - Other Phone
  - Other Phone Private
  - Work Phone
  - Work Phone Private
  - Pager
  - Pager Private
- When any of the following information is changed on Relationships:
  - Relationship ID (New Relationship)
  - Guardian
  - Start Date
  - End Date

- When any of the following information is changed on Household Membership:
  - Household Membership ID (New Household Membership)
  - Start Date
  - End Date
  - Private
  - Secondary
- When any of the following information is changed on Household Location:
  - Household Location ID (New Household Location)
  - Start Date
  - End Date
  - Private
  - Secondary
  - Mailing
- When any of the following information is changed on Address Information:
  - Address ID (New Address)
  - P.O. Box
  - Number
  - Prefix
  - Street
  - Tag
  - Direction
  - Apt
  - City
  - State
  - Zip
- When any of the following information is changed on Foster Care:
  - Foster Care ID (New Foster Care record)
  - Start Date
  - End Date
- When any of the following information is changed on Homeless:
  - Homeless ID (New Homeless record)
  - Start Date
  - End Date
  - Unaccompanied Youth

- When any of the following information is changed on FRAM Eligibility:
  - FRAM ID (New FRAM record)
  - Start Date
  - End Date
  - Eligibility Type
  - Eligibility
  - Source
  - Certified Type
- When any of the following information is changed on Military Connections:
  - Military Connections ID (New Military Connections record)
  - Start Date
  - End Date
  - Status
- When any of the following information is changed on Plans (SPED or RTI):
  - Plan ID (New Plan record)
  - Start Date
  - End Date
  - Status
  - Disability 1 through 5
- When any of the following information is changed on Special Ed State Reporting Tab records:
  - SPED ID (New SPED State Reporting Tab record)
  - Start Date
  - End Date
  - Disability 1 through 5
- When any of the following information is changed on English Learners (EL) records:
  - EL ID (New EL record)
  - EL Status
  - Identified Date
  - Program Exit Date
  - Parent Declined
- When any of the following information is changed on CTE records:
  - CTE ID (New CTE record)
  - Start Date
  - End Date
  - Displaced Homemaker
  - Pregnant
  - Single Parent

	<ul style="list-style-type: none"> <li>• When any of the following information is changed on Flags:             <ul style="list-style-type: none"> <li>◦ Flag ID (New Flag record)</li> <li>◦ Start Date</li> <li>◦ End Date</li> </ul> </li> <li>• Changes to Resource Preferences mappings <b>do NOT trigger</b>. A manual resync must be performed on the resource if mappings are changed.</li> </ul>
Delete	<ul style="list-style-type: none"> <li>• When the student is now excluded in some way.</li> <li>• When the Enrollment is deleted.</li> <li>• When the Enrollment dates are changed to no longer overlap the configured year.</li> <li>• When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.</li> </ul>

## Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Local Education Agencies
- Students

## Dependent Resources (Downstream)

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

- N/A

## 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
400: Validation of ' <b>RESOURCE</b> ' failed. <b>FIELD</b> is required.	<p>An element of the JSON that is required is missing and needs to be added.</p> <ul style="list-style-type: none"> <li>• Double check that all bolded data elements below are reporting a valid value and no data elements below are reporting an invalid value.</li> </ul>
400: ' <b>RESOURCE</b> ' failed. <b>RESOURCE</b> reference could not be resolved.	<p>A resource that was referenced from a difference resource does not yet exist.</p> <ul style="list-style-type: none"> <li>• Resync the resource being mentioned in the error, then resync the errored resource. Alternatively, the resource being referenced may be incorrect. This can happen with Schools and the Ed-Fi School ID being used as an example. Double check the referenced values being sent are valid.</li> </ul>

<p>403: Authorization denied. The claim does not have any established relationships with the requested resource.</p>	<p>The key/secret being used does not have permission to send a record for the resource / referenced resource.</p> <ul style="list-style-type: none"> <li>• Double check your API credentials (key/secret). Sometimes specific keys/secrets cannot report specific resources.</li> <li>• The referenced person (student, staff, parent, contact, etc.) has not yet been associated to the key /secret. Resync their "linking" resource (Students Student School Associations, Staffs Staff Education Organization Assignment Associations, etc.) then resync the errored resource.</li> <li>• The referenced person (student, staff, parent, contact, etc.) may not exist in the ODS yet. Resync the "person" resource and the "linking" resource (Students Student School Associations, Staffs Staff Education Organization Assignment Associations, etc.) then resync the errored resource.</li> </ul>
<p>404: Failed to delete '<b>RESOURCE</b>'. Record does not exist.</p>	<p>The attempt to delete a specific Ed-Fi record ID in the ODS failed because it did not exist.</p> <ul style="list-style-type: none"> <li>• This error can be ignored. The ID was cleared from the Ed-Fi Identity Mapping Report and will not attempt to delete again.</li> </ul>
<p>409: A natural key conflict occurred when attempting to create a new resource '<b>RESOURCE</b>' with a duplicate key.</p>	<p>The Ed-Fi API has a natural key system alongside a standard REST ID system. This error is often protecting against the erroneous creation of a duplicate record in the API. However, it may also indicate that the natural key requirements of the Ed-Fi API have not been satisfied, and the key needs to be modified.</p> <ul style="list-style-type: none"> <li>• Check for duplicate data in your Campus site. If no duplicate data can be found, report the issue to Campus Support.             <ul style="list-style-type: none"> <li>◦ This can be caused by numerous issues. Our code may be attempting to send duplicate records when it should not. The natural key (bolded fields below) may not be unique enough to satisfy Ed-Fi requirements in all cases. Most times this error will require a code change to fix.</li> </ul> </li> </ul>
<p>409: The resource (or a subordinate entity of the resource) cannot be deleted because it is a dependency of the '<b>RESOURCE</b>' entity.</p>	<p>The resource that the application is attempting to delete is referenced from another entity.</p> <ul style="list-style-type: none"> <li>• Use the Delete Tool to delete the referenced resource in the error message. Then retry the delete on the original resource that errored.</li> </ul>

500: Internal Server Error.

Something unexpected happened and no specific error message could be returned.

- This issue usually occurs when the ODS is having issues. Confirm that there are no issues with the ODS the data is being sent to and then attempt to retry the errored record.
- Contact Campus Support if 500 errors continue to occur, can be replicated consistently, and the ODS the data is being sent to has no ongoing issues.
  - There is a chance that Campus Ed-Fi code is sending an invalid JSON request resulting in the 500 error.
  - There is a chance that an Ed-Fi Data Standard / API bug is causing the issue.
  - Investigation is needed in these cases as there are many different potential causes.

## 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. For Core Ed-Fi connections, it indicates what the data standard requires for each data element.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	U Ter L  (✓) I
1	<b>educationOrganizationReference</b> (reference)	<p><i>A reference to an Education Organization (Schools, Local Education Agencies, etc.) 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>	M	N/A	N/A	
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 studentEducation OrganizationAssociation Addresses. The set of elements that describes an address, including the street address, city, state, and ZIP code.</i></p> <hr/>	O	Household Membership  Related Households  Address Information	HouseholdLocation . mailing  HouseholdMember . startDate  HouseholdLocation . startDate	

		<p>Reports the following data elements in an array for the Primary Address marked as Mailing. If there is more than one Primary Address marked as Mailing, report the address based on the following priority order: Latest Household Membership Start Date, Latest Address Start Date. Do not report if the Household Membership or Household Location is marked as Private.</p> <ul style="list-style-type: none"> <li>• addressTypeDescriptor             <ul style="list-style-type: none"> <li>◦ Reports <b>Home</b>.</li> </ul> </li> <li>• stateAbbreviationDescriptor             <ul style="list-style-type: none"> <li>◦ Reports the <b>State</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</b>.</li> </ul> </li> <li>• streetNameNumber             <ul style="list-style-type: none"> <li>◦ Reports the <b>PO Box + Number + Street + Tag + Prefix + Dir</b>.                 <ul style="list-style-type: none"> <li>▪ "PO Box" will only be included if P.O. Box is checked on Address Information.</li> </ul> </li> </ul> </li> <li>• apartmentRoomSuiteNumber             <ul style="list-style-type: none"> <li>◦ Reports the <b>Apt</b>.</li> </ul> </li> <li>• The following data elements do not report:             <ul style="list-style-type: none"> <li>◦ buildingSiteNumber</li> <li>◦ congressionalDistrict</li> <li>◦ countyFIPSCode</li> <li>◦ doNotPublishIndicator</li> <li>◦ latitude</li> <li>◦ localeDescriptor</li> <li>◦ longitude</li> <li>◦ nameOfCounty</li> <li>◦ periods                 <ul style="list-style-type: none"> <li>▪ beginDate</li> <li>▪ endDate</li> </ul> </li> </ul> </li> </ul>			<p>Address .state</p> <p>Address .city</p> <p>Address .zip</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 .apt</p> <p>HouseholdLocation .private</p> <p>HouseholdMember .private</p>
4	disabilities (array)		O		PlanState .disability1

*An unordered collection of studentEducation OrganizationAssociation Disabilities. The disability condition (s) that best describes an individual's impairment, as determined by evaluation(s) conducted by the education organization.*

Reports the following data elements in an array:

- disabilityDescriptor
  - Reports the Ed-Fi Code mapped to the value selected for **Disability**.
    - This can be for the Primary, Secondary, etc. Up to 5 disabilities will report.
    - Reports based on the following priority:
      - Locked IEP
      - Enrollment
      - Special Ed State Reporting Tab
    - This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Education Organization Associations resource.
- orderOfDisability
  - Reports based on the number of the disability reporting.
  - E.g. "Primary Disability" will report as **1**. "Secondary Disability" will report as **2**.
  - If the student has the same disability in multiple records from the same source (IEP, Enrollment, State Reporting Tab) and the order of the disability is different, report from the record with the most recent Start Date.
    - If the Start Date is the same, the record with the highest internal ID will be used.
- The following data elements do not report:
  - disabilityDeterminationSourceTypeDescriptor
  - disabilityDiagnosis
  - designations
    - disabilityDesignationDescriptor

Special Ed Documents

PlanState .disability2

Enrollments

PlanState .disability3

PlanState .disability4

PlanState .disability5

**OR**

Enrollment .disability1

Enrollment .disability2

Enrollment .disability3

Enrollment .disability4

Enrollment .disability5

**OR**

SpecialEdState .primaryDisability

5	electronicMails (array)	<p><i>An unordered collection of studentEducation OrganizationAssociation ElectronicMails. 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. Do not report if the Email Address is marked as Private.</p> <ul style="list-style-type: none"> <li>• electronicMailTypeDescriptor             <ul style="list-style-type: none"> <li>○ Reports <b>Home/Personal</b> if reporting the Email.</li> <li>○ Secondary Emails do not report for Students.</li> </ul> </li> <li>• electronicMailAddress             <ul style="list-style-type: none"> <li>○ Reports the <b>Email Address</b> of the Email.</li> </ul> </li> <li>• The following data elements do not report:             <ul style="list-style-type: none"> <li>○ doNotPublishIndicator</li> <li>○ primaryEmailAddressIndicator</li> </ul> </li> </ul>	O	Demographics	<p>Contact .emailPrivate</p> <p>Contact .email</p>
6	hispanicLatinoEthnicity (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. 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 <i>Is the individual Hispanic/Latino?</i> is set to Y: Yes on the current Identity record.</li> <li>• Report <b>False</b> in all other situations.</li> </ul>	O	Identities	Identity .hispanicEthnicity

7	languages (array)	<p><i>An unordered collection of studentEducationOrganizationAssociationLanguages. The language(s) the individual uses to communicate. It is strongly recommended that entries use only ISO 639-3 language codes.</i></p> <hr/> <p>Reports the following data elements in an array:</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>Home Primary Language</b> on the current Identity record.                 <ul style="list-style-type: none"> <li>▪ This mapping is hard-coded but can be overwritten using the Language Descriptor Override mapping in the Resource Preferences of the Ed-Fi Connection under the Student Education Organization Associations resource.</li> </ul> </li> </ul> </li> <li>• uses             <ul style="list-style-type: none"> <li>◦ languageUseDescriptor                 <ul style="list-style-type: none"> <li>▪ Reports <b>Home language</b>.                     <ul style="list-style-type: none"> <li>• This is hard-coded as we only report the Home Primary Language.</li> </ul> </li> </ul> </li> </ul> </li> </ul>	O	Identities	Identity . homePrimaryLanguage
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8	<p>limitedEnglish ProficiencyDescriptor (string)</p>	<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>• In all scenarios:             <ul style="list-style-type: none"> <li>◦ The situation must be mapped to an Ed-Fi Code in the Resource Preferences of the Ed-Fi Connection under the Student Education Organization Associations resource, otherwise it will not report.</li> <li>◦ Identified Date must have a value.</li> </ul> </li> <li>• Reports the Ed-Fi Code mapped to <b>EL</b> when the student has a Program Status of <i>EL</i>.             <ul style="list-style-type: none"> <li>◦ If the Parent Declined checkbox is checked, report the Ed-Fi Code mapped to <b>Not EL</b>.</li> </ul> </li> <li>• Reports the following when the student has a Program Status of <i>Exited EL</i> and the Program Exist Date falls in the Monitoring Period:             <ul style="list-style-type: none"> <li>◦ Reports the Ed-Fi Code mapped to <b>Exited, First Year Monitoring</b> if today's date is on or between the EL Exit Date and the First Year Monitoring Date.</li> <li>◦ Reports the Ed-Fi Code mapped to <b>Exited, Second Year Monitoring</b> if today's date is after the First Year Monitoring Date and on or before the Second Year Monitoring Date.</li> </ul> </li> <li>• Reports the Ed-Fi Code mapped to the <b>Program Status</b> selected in all other scenarios.             <ul style="list-style-type: none"> <li>◦ Do not report if the Program Status is Exited EL and the Program Exit Date is NULL.</li> </ul> </li> </ul>	O	English Learners (EL)	<p>LEP .programStatus LEP .identifiedDate LEP .exitDate LEP .parentDeclined</p>
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9	races (array)	<p><i>An unordered collection of studentEducation OrganizationAssociation Races. 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 following 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.                 <ul style="list-style-type: none"> <li>▪ This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Education Organization Associations resource.</li> </ul> </li> </ul> </li> </ul>	O	Identities	RaceEthnicity .raceID
10	sexDescriptor (string)	<p><i>A person's gender.</i></p> <hr/> <p>Reports the <b>Gender</b> from the person's most recent Identity record.</p> <ul style="list-style-type: none"> <li>• This does <b>NOT</b> consider legal information. We only report based on the preferred information.</li> <li>• Male reports <b>Male</b>.</li> <li>• Female reports <b>Female</b>.</li> <li>• All other codes report <b>Not Selected</b>.             <ul style="list-style-type: none"> <li>○ This will error. This is by design to indicate that the Gender selected cannot be reported.</li> </ul> </li> </ul>	O	Identities	Identity .gender
11	studentCharacteristics (array)		O	<b>US Entry Type:</b> Identities	<b>US Entry Type:</b> Identity .usEntryType

*An unordered collection of studentEducation OrganizationAssociation StudentCharacteristics. 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.*

Reports the following data elements in an array. Reports a record for each characteristic the student is eligible for based on below requirements.

- studentCharacteristicDescriptor
  - Reports the Ed-Fi Code mapped to the value selected for each respective area. This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Student Education Organization Associations resource.

Type	Logic
US Entry Type	Report the Ed-Fi Code mapped to the value selected for <b>US Entry Type</b> on the current Identity record.
Career Tech Special Populations	Report the Ed-Fi Code mapped to each of the following checkboxes if they are checked on a CTE Program that overlaps the configured year: <b>Displaced Homemaker, Pregnant, or Single Parent.</b>

**Career Tech Special Populations:**

Academic Programs > Programs

**Parent in Military:**

Military Connections

**Homeless:**

Homeless

**Foster Care:**

Foster Care

**Economic Disadvantaged:**

FRAM > Eligibility

**Unaccompanied Youth:**

Homeless

**Flags:**

Flags

**Career Tech Special Populations:**

ProgramParticipationCTE .displacedHomemaker, .pregnant, .singleParent

**Parent in Military:**

ImpactAidEmployment .militaryStatus, .startDate, .endDate

RelatedPair .guardian

**Homeless:**

Homeless .startDate, .endDate

**Foster Care:**

FosterCare .startDate, .endDate

**Economic Disadvantaged:**

POSEligibility .startDate, .endDate, .eligibility, .type, .source, .eligType

**Unaccompanied Youth:**

Homeless .startDate, .endDate, .unaccompaniedYouth

Parent in Military	Report the Ed-Fi Code mapped to the value selected for <b>Status</b> on a Military Connections record that overlaps the configured year.
Homeless	Reports the Ed-Fi Code mapped to the value selected for <b>Homeless</b> when the student has a Homeless program that overlaps the current configured year.
Foster Care	Reports the Ed-Fi Code mapped to the value selected for <b>Foster Care</b> when the student has a Foster Care program that overlaps the current configured year.
Economic Disadvantaged	Reports the Ed-Fi Code mapped to the criteria selected when the student's FRAM Eligibility record matches those criteria and overlaps the current configured year.
Unaccompanied Youth	Reports the Ed-Fi Code mapped to the value selected for <b>Unaccompanied Youth</b> when the student has a Homeless program that overlaps the current configured year.

**Flags:**

ProgramParticipation .  
startDate, .endDate

		<table border="1"> <tr> <td>Flags</td> <td>Reports the Ed-Fi Code mapped to the <b>Flag</b> if the Student has a Flag record within the current configured year.</td> </tr> </table> <ul style="list-style-type: none"> <li>The following data elements do not report: <ul style="list-style-type: none"> <li>designatedBy</li> <li>periods <ul style="list-style-type: none"> <li>beginDate</li> <li>endDate</li> </ul> </li> </ul> </li> </ul>	Flags	Reports the Ed-Fi Code mapped to the <b>Flag</b> if the Student has a Flag record within the current configured year.			
Flags	Reports the Ed-Fi Code mapped to the <b>Flag</b> if the Student has a Flag record within the current configured year.						
12	studentIdentificationCodes (array)	<p><i>An unordered collection of studentEducation OrganizationAssociation StudentIdentificationCodes. A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a student.</i></p> <hr/> <p>Reports the following data elements in an array. This array will report if the Local Student Number or Student State ID fields have a value:</p> <ul style="list-style-type: none"> <li>studentIdentificationSystemDescriptor <ul style="list-style-type: none"> <li>Reports the Local Student Number twice, once under <b>District</b> and once under <b>Local</b>.</li> <li>Reports <b>State</b> when reporting the Student State ID.</li> </ul> </li> <li>assigningOrganizationIdentificationCode <ul style="list-style-type: none"> <li>Reports the <b>District State Number</b> when reporting the Local Student Number.</li> <li>Reports <b>State</b> when reporting the Student State ID.</li> </ul> </li> <li>identificationCode <ul style="list-style-type: none"> <li>Reports the <b>Local Student Number</b> or the <b>Student State ID</b>.</li> </ul> </li> </ul>	O	Demographics	Person .studentNumber Person .stateID		

13	studentIndicators (array)	<p><i>An unordered collection of studentEducationOrganizationAssociationStudentIndicators. An indicator or metric computed for the student (e.g., at risk).</i></p> <hr/> <p>Reports the following data elements in an array when the student has a locked Response to Intervention (RTI) Plan that overlaps the configured year:</p> <ul style="list-style-type: none"> <li>• indicatorName             <ul style="list-style-type: none"> <li>○ Reports the <b>Name</b> from the RTI Plan.                 <ul style="list-style-type: none"> <li>■ If the Name changes, a manual resync will need to be performed.</li> <li>■ If the Student has more than one RTI Plan in the same school year with the same name, report from the RTI Plan with the most recent Start Date.</li> </ul> </li> </ul> </li> <li>• indicator             <ul style="list-style-type: none"> <li>○ Reports the <b>Name</b> from the RTI Plan.                 <ul style="list-style-type: none"> <li>■ If the Name changes, a manual resync will need to be performed.</li> <li>■ If the Student has more than one RTI Plan in the same school year with the same name, report from the RTI Plan with the most recent Start Date.</li> </ul> </li> </ul> </li> <li>• periods             <ul style="list-style-type: none"> <li>○ beginDate                 <ul style="list-style-type: none"> <li>■ Reports the <b>Start Date</b> of the RTI Plan.</li> </ul> </li> <li>○ endDate                 <ul style="list-style-type: none"> <li>■ Reports the <b>End Date</b> of the RTI Plan.</li> </ul> </li> </ul> </li> <li>• The following data elements do not report:             <ul style="list-style-type: none"> <li>○ designatedBy</li> <li>○ indicatorGroup</li> </ul> </li> </ul>	O	RTI Documents	PlanType ,name Plan .startDate Plan .endDate
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14	telephones (array)	<p><i>An unordered collection of studentEducation OrganizationAssociation Telephones. The 10-digit telephone number, including the area code, for the person.</i></p> <hr/> <p>Reports the following data elements in an array. Do not report if the Phone is marked as Private.</p> <ul style="list-style-type: none"> <li>• telephoneNumberTypeDescriptor <ul style="list-style-type: none"> <li>○ Reports <b>Mobile</b> if reporting the Cell Phone.</li> <li>○ Reports <b>Home</b> if reporting the Other Phone.</li> <li>○ Reports <b>Work</b> if reporting the Work Phone.</li> <li>○ Reports <b>Other</b> if reporting the Pager.</li> </ul> </li> <li>• telephoneNumber <ul style="list-style-type: none"> <li>○ Reports the <b>Phone Number</b> of the Cell Phone, Other Phone, Work Phone, or Pager.</li> </ul> </li> <li>• The following data elements do not report: <ul style="list-style-type: none"> <li>○ doNotPublishIndicator</li> <li>○ orderOfPriority</li> <li>○ textMessageCapabilityIndicator</li> </ul> </li> </ul>	O	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	ancestryEthnicOrigins	This data element is optional and does not report.	O	N/A	N/A
16	barrierTo InternetAccess InResidenceDescriptor	This data element is optional and does not report.	O	N/A	N/A
17	cohortYears	This data element is optional and does not report.	O	N/A	N/A
18	internationalAddresses	This data element is optional and does not report.	O	N/A	N/A
19	internetAccessInResidence	This data element is optional and does not report.	O	N/A	N/A
20	internetAccess TypeInResidence Descriptor	This data element is optional and does not report.	O	N/A	N/A
21	internetPerformance InResidenceDescriptor	This data element is optional and does not report.	O	N/A	N/A
22	loginId	This data element is optional and does not report.	O	N/A	N/A

23	oldEthnicityDescriptor	This data element is optional and does not report.	O	N/A	N/A	
24	primaryLearning DeviceAccessDescriptor	This data element is optional and does not report.	O	N/A	N/A	
25	primaryLearning DeviceAwayFrom SchoolDescriptor	This data element is optional and does not report.	O	N/A	N/A	
26	primaryLearning DeviceProvider Descriptor	This data element is optional and does not report.	O	N/A	N/A	
27	profileThumbnail	This data element is optional and does not report.	O	N/A	N/A	
28	programParticipations	This data element is optional and does not report.	O	N/A	N/A	
29	tribalAffiliations	This data element is optional and does not report.	O	N/A	N/A	

## Appendix