# TX Ed-Fi Suite 3 API v7.1 Data Standard v4.0: Students

August 2025

# TX Ed-Fi Suite 3 API v7.1 Data Standard v4.0: Students

## Summary

This resource represents an individual for whom instruction, services, and/or care are provided in an early childhood, elementary, or secondary educational program under the jurisdiction of a school, education agency or other institution or program. A student is a person who has been enrolled in a school or other educational institution.

## Object Triggering

| Action | Business Rule(s) |
|---|---|
| Post | When an enrollment is created and saved for a person and the enrollment overlaps a configured year <br><br> • Do not send it an enrollment is marked as No Show or State Exclude <br> • Do not send a record if enrollment is in a Calendar marked as State Exclude <br> • Do not send a record if enrollment is in a School marked as State Exclude |
| Put | When the person's identity record is changed in any of the following fields: <br><br> • Birth City, Birth Country, Birth Date, Birth State, Date Entered US, First Name, Suffix, Last Name, Middle Name |
| Delete/Post | N/A |
| Delete | Student records are never deleted because Student records are a shared resource among all districts. |

## Required Resources (Upstream)

The following resources must be sent prior to this resource:

- N/A

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## Dependent Resources (Downstream)

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

- Student School Associations
- Student Education Organization Associations
- Student Education Organization Responsibility Associations
- Student CTE Program Associations
- Student Language Instruction Program Associations
- Student Special Education Program Associations
- Student Special Education Program Eligibility Associations
- Student Title I Part A Program Associations
- Student Section Associations
- Student Discipline Incident Behavior Associations

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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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## Object Data Elements

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.
- The Uses Core Template Rules column indicates if the element uses Infinite Campus Core Ed-Fi rules, has been Localized using DOE rules, or the element has been added by a DOE as an Extended Element.

| | Data Element Label | Business Rule(s) | Mandatory/ Conditional/ Optional | Tool Path | Database Field | Uses Core Template Rules (Y/N/EXT) |
|---|---|---|---|---|---|---|
| 1 | **studentUniqueId** (string) | *A unique alpha-numeric code assigned to a student.* 1. Report Student State ID | M | Demographics | person.stateID | Y |
| 2 | birthCity (string) | *The city the student was born in.* 1. Report the Birth City if populated on the Demographics tab | O | Demographics | identity.birthCity | Y |

| 3 | birthCountryDescriptor<br><br>(string) | The country in which an individual is born. It is strongly recommended that entries use only ISO 3166 2-letter country codes.<br><br>1. Report the Country from the Birth Country saved on the student's current identity record.<br>  a. Look for a mapping saved to the Birth Country Descriptor Override section in preferences. If there is a mapped value, report that mapping.<br>  b. If an override is not there, look to see if the Code matches an Ed-Fi code, if yes report that value<br>  c. Report default value if saved on the Attribute and the code matches an Ed-Fi code<br>2. Else, report NULL | O | Demographics | identity.<br>birthCountry | Y |
| 4 | birthDate<br><br>(date-time) | The month, day, and year on which an individual was born.<br><br>1. Report the Birth Date from the student's current identity record | M | Demographics | identity.birthdate | Y |

| 5 | birthSexDescriptor<br><br>*(string)* | *A person"s gender at birth.*<br><br>1. Report the Legal Gender from the student's current identity record<br>  a. If null, report the student's Gender from the current Identity record<br>2. Report the following based on the value selected in the droplist<br>  a. Female report 'Female'<br>  b. Male report 'Male'<br>  c. Blank report 'Not Selected' | O | Demographics | identity.<br>legalGender<br><br>identity.gender | Y |
| 6 | birthStateAbbreviationDescriptor<br><br>*(string)* | *The abbreviation for the name of the state (within the United States) or extra-state jurisdiction in which an individual was born.,*<br><br>1. Report the State from the Birth State saved on the student's current identity record.<br>  a. Look for a mapping saved to the Birth State Abbreviation Type Override section in preferences. If there is a mapped value, report that mapping.<br>  b. If an override is not there, look to see if the Code matches an Ed-Fi code, if yes report that value<br>  c. Report default value if saved on the Attribute and the code matches an Ed-Fi code<br>2. Else, report NULL | O | Demographics | identity.<br>birthState | Y |

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| 7 | dateEnteredUS<br><br>(date-time) | *For students born outside of the US, the date the student entered the US.*<br><br>1. Report the Date Entered US if date is entered<br>2. Do not report if date is blank | O | Demographics | identity. dateEnteredUS | Y |
|---|---|---|---|---|---|---|
| 8 | firstName<br><br>(string) | *A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change.*<br><br>1. Report from the current identity record,<br>  a. Report first from the legal name fields, report legal first name<br>  b. If Legal First and Last name fields are blank, report First Name | M | Demographics | identity. legalFirstName<br><br>identity. firstName | Y |
| 9 | lastSurname<br><br>(string) | *The name borne in common by members of a family.*<br><br>1. Report from the current identity record,<br>  a. Report first from the legal name fields, report last name<br>  b. If Legal First and Last name fields are blank, report Last Name | O | Demographics | identity. legalLastName<br><br>identity.lastName | Y |

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| 10 | middleName<br><br>*(string)* | *A secondary name given to an individual at birth, baptism, or during another naming ceremony.*<br><br>1. Report from the current identity record,<br>  a. Report first from the legal name fields, report legal middle name<br>    i. If Legal First Name and Legal Last Name are populated and Middle Name is blank, report blank<br>  b. If all legal name fields are blank, report from middle name<br>    i. Otherwise, report blank | O | Demographics | identity. legalMiddleName<br><br>identity. middleName | Y |
| --- | --- | --- | --- | --- | --- | --- |
| 11 | otherNames<br><br>*(array)* | *Other names (e.g., alias, nickname, previous legal name) associated with a person.*<br><br>1. Reports the data from the previous Identity for a student. Must have more than 1 Identity for this to report<br>2. See Array section below for data logic for each field | O | Identity | N/A | Y |
| 12 | LocalStudentID<br><br>*(string)* | *is the student's local identification number as assigned by the district.*<br><br>1. Report Local Student Number | M | Demographics | | EXT |

| 13 | StudentID<br><br>*(string)* | *is the student's Social Security number or a state-approved alternative identification number.*<br><br>1. Report Previous State ID.<br>   a. If Previous State ID = NULL, report Social Security Number | M | Demographics | | EXT |
| 14 | GenerationCodeDescriptor<br><br>*(string)* | *identifies the generation suffix, if any, which the person attaches to his name (e.g., Jr.,*<br>*Sr., III)*<br><br>1. Report mapped Ed-Fi Code of Suffix. | O | Demographics | | EXT |
| 15 | AsOfStatusLastFridayOctoberDescriptor<br><br>*(string)* | *indicates the student's status in the district on the last Friday in October in the current school year*<br><br>1. Report mapped Ed-Fi Code of Last Friday October As-Of-Status from primary enrollment that is active on the last Friday of October.<br>   a. If Last Friday October As-Of-Status = NULL and student is in a Grade Level mapped to Ed-Fi Code = EE, PK, KG, 01, 02, 03, 04, 05, or 06, report 'X'<br><br>"namespace": "uri://tea.texas.gov/AsOfStatusLastFridayOctoberDescriptor" | O | Enrollment | | EXT |

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| 16 | AsOfStatusLastDayEnrollment Descriptor<br><br>*(string)* | *indicates the student's status in the district on the last day of school or last date of enrollment in the current school year*<br><br>1. Report mapped Ed-Fi Code of Last Day Enrollment As-Of-Status from primary enrollment<br>2. If Last Day Enrollment As-Of-Status = NULL, calculate the descriptor code:<br>  a. If student's most recent primary enrollment has End Date = NOT NULL and Grade Level mapped to Ed-Fi Code = EE, PK, KG, 01, 02, 03, 04, 05, or 06, report 'X'<br>  b. If student's most recent primary enrollment has an End Date prior to the last instructional day of the calendar, report 'I'<br>  c. If student most recent primary enrollment has an End Date on or after the last instructional day of the calendar, report 'H'<br>  d. If student's most recent primary enrollment does not have an End Date, do not report this field.<br><br>"namespace": "uri://tea.texas.gov /AsOfStatusLastDayEnrollmentDescriptor" | O | Enrollment | | EXT |

| 17 | censusBlockGroupSets<br><br>*(array)* | *An unordered collection of studentCensusBlockGroupSets. StudentCensusBlockGroup indicates the census block in which the student resides.*<br><br>1. Reports all household memberships that occur within the Scope Year that qualify to report a StudentCensusBlockGroup.<br>2. See array for field specific logic. | O | Household<br><br>State Programs - ADA<br><br>Enrollment<br><br>Homeless<br><br>FRAM | | EXT |
| 18 | crisisEventSets<br><br>*(array)* | An unordered collection of studentCrisisEventSets. CommonType CrisisEvent indicates a state health or weather-related event that impacts a group of students, and may require additional funding, educational, or social services. The event may or may not cause the student to leave the district or campus of residence. A crisis event is designated by the Commissioner of Education.<br><br>1. See array for field specific logic. | O | | | EXT |
| 19 | StudentDoNotReportTSDS | 1. This is optional, does not report | O | N/A | N/A | N |
| 20 | generationCodeSuffix | 1. This is optional, does not report | O | N/A | N/A | N |
| 21 | visas | 1. This is optional, does not report | O | N/A | N/A | Y |

| 22 | personalTitlePrefix | 1. This is optional, does not report | O | N/A | N/A | Y |
|----|---------------------|-------------------------------------|---|-----|-----|---|
| 23 | personalIdentificationDocuments | 1. This is optional, does not report | O | N/A | N/A | Y |
| 24 | multipleBirthStatus | 1. This is optional, does not report | O | N/A | N/A | Y |
| 25 | maidenName | 1. This is optional, does not report | O | N/A | N/A | Y |
| 26 | identificationDocuments | 1. This is optional, does not report | O | N/A | N/A | Y |
| 27 | citizenshipStatusDescriptor | 1. This is optional, does not report | O | N/A | N/A | Y |
| 28 | birthInternationalProvince | 1. This is optional, does not report | O | N/A | N/A | Y |

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# Arrays

## Census Block Group Sets

| | Data Element Label | Business Rule(s) | Mandatory/ Conditional/ Optional | Tool Path | Database Field | Uses Core Template Logic (Y/N/EXT) |
|---|---|---|---|---|---|---|
| 1 | StudentCensusBlockGroup (string) | *indicates the census block in which the student resides.*<br><br>1. If ANY of the following are TRUE, do not report.<br>  a. Last Friday October As-Of-Status = A, C, E, or G<br>  b. TX-EconomicDisadvantaged equals 00 or no FRAM record exists, and Code 99 = deselected<br>  c. TX-ADAEligibility equals 0, 4, 5, or 8<br>  d. TX-Attribution equals 21 or 23 (Student Information > General > Enrollments > Attribution Code)<br>  e. TX-HomelessStatus equals any value other than 0<br>2. Else, report Block from the most recent primary household tied to the student AND the most recent primary address within that household. | M | Household<br><br>State Programs - ADA<br><br>Enrollment<br><br>Homeless<br><br>FRAM | | EXT |
| 2 | beginDate (date) | *Begin date of the effecive date for the StudentCensusBlockGroup*<br><br>1. Report latest of the following that occurs within the scope year:<br>  a. Household Membership Start Date<br>  b. Enrollment Start Date | M | Household | | EXT |

| 3 | endDate<br><br>(date) | EndDate is the first day after the last instructional day an economically disadvantaged student was assigned to the Census Block Group Number.<br><br>1. Report earliest of the following, + 1 additional day:<br>  a. Household Membership End Date<br>  b. Enrollment End Date<br>2. If no date is found report report the last instructional day of the calendar + 1 day. | O | Household | | EXT |

## Crisis Event Sets

| | Data Element Label | Business Rule(s) | Mandatory/ Conditional/ Optional | Tool Path | Database Field | Uses Core Template Logic<br><br>(Y/N/EXT) |
|---|---|---|---|---|---|---|
| 1 | crisisEventDescriptor<br><br>(string) | indicates a state health or weather-related event that impacts a group of students, and may require additional funding, educational, or social services. The event may or may not cause the student to leave the district or campus of residence. A crisis event is designated by the Commissioner of Education.<br><br>1. Reports mapped Ed-Fi Code from Crisis Code | M | Crisis Event | | EXT |
| 2 | beginDate<br><br>(date) | Begin date of the effecive date for the CrisisEvent<br><br>1. Report start date of crisis event | M | Crisis Event | | EXT |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3 | endDate<br><br>(date) | *EndDate is the first day after the last instructional day a student was assigned to the CrisisEvent descriptor.*<br><br>1. Report end date of crisis event | O | Crisis Event | | | EXT |

## Other Names

| | Data Element Label | Business Rule(s) | Mandatory/ Conditional/ Optional | Tool Path | Database Field | Uses Core Template Logic<br><br>(Y/N/EXT) |
|---|---|---|---|---|---|---|
| 1 | otherNameTypeDescriptor<br><br>(string) | *An unordered collection of studentOtherNames. Other names (e.g., alias, nickname, previous legal name) associated with a person.*<br><br>1. Report "Previous Legal Name" | M | N/A | N/A | Y |
| 2 | firstName<br><br>(string) | *A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change. NEDM First Name*<br><br>1. Report the first name from the student's previous identity record | M | Identity | identity. firstName | Y |

| 3 | generationCodeSuffix<br><br>*(string)* | *An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III).*<br><br>1. Report the suffix from the student's previous identity record<br>2. If blank, do not report | O | Identity | identity. suffix | Y |
|---|---|---|---|---|---|---|
| 4 | lastSurname<br><br>*(string)* | *The name borne in common by members of a family. NEDM Last Name/Surname*<br><br>1. Report the last name from the student's previous identity record | M | Identity | identity. lastName | Y |
| 5 | middleName<br><br>*(string)* | *A secondary name given to an individual at birth, baptism, or during another naming ceremony. NEDM Middle Name*<br><br>1. Report the middle name from the student's current identity record<br>2. If blank, do not report | O | Identity | identity. middleName | Y |
| 6 | personalTitlePrefix<br><br>*(string)* | 1. This is optional, does not report | O | N/A | N/A | Y |

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