

# **TX Ed-Fi Suite 3 API v7.1 Data Standard v4.0: Student Special Education Program Associations**

June  
2025

# TX Ed-Fi Suite 3 API v7.1 Data Standard v4.0: Student Special Education Program Associations

## Summary

This association represents the special education program(s) that a student participates in or receives services from. The association is an extension of the StudentProgramAssociation particular for special education programs.

## Object Triggering

Action	Business Rule(s)
Post	<p>When an IEP is created and locked and overlaps the configured year and the student has an enrollment in the configured year</p> <p><b>Multiple Enrollments</b> - A new record will be created for each enrollment change found. Compare enrollment Start/End Dates against IEP Start /End Dates to produce a complete set of records.</p> <p><b>Exception:</b> Ignore enrollment changes if End Status is mapped to an Ed-Fi Code = SC and SchoolID did not change</p> <ul style="list-style-type: none"> <li>• Do not send a record if enrollment is in a calendar marked as Exclude</li> <li>• Do not send a record if enrollment is in a school marked as Exclude</li> <li>• Do not send a record if enrollment is marked as No Show</li> </ul>
Put	When any field that is not part of the natural key is changed
Delete /Post	When any part of the natural key is changed
Delete	<p>The locked IEP is deleted or unlocked for a student</p> <p>All enrollments are deleted for a student</p> <p>If the student's enrollment is marked as No Show</p> <p>If the IEP no longer overlaps the configured year</p>



## Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Programs
- 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

## 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	<b>educationOrganizationReference</b> (reference)	<i>A reference to the related EducationOrganization resource</i> <hr/> 1. Reports the Natural Key of the School resource	M	N/A	N/A	Y
2	<b>programReference</b> (reference)	<i>A reference to the related Program resource.,</i> <hr/> 1. Report reference.	M	N/A	N/A	Y
3	<b>studentReference</b> (reference)	<i>A reference to the related Student resource.,</i> <hr/> 1. Reports the data that is part of the Natural Key for the Student resource	M	N/A	N/A	Y

4	<b>beginDate</b> (date)	<p><i>The month, day, and year on which the Student first received services.,</i></p> <hr/> <p>1. Report latest of the following that occurs within the scope year:  a. IEP Start Date  b. Enrollment Start Date</p>	M	IEP  Enrollment		N
5	<b>endDate</b> (date)	<p><i>The month, day, and year on which the Student exited the Program or stopped receiving services.,</i></p> <hr/> <p>1. Report earliest of the following found in the Scope Year, + 1 additional day:  a. IEP End Date  b. Enrollment End Date  2. If no date is found report the last instructional day of the calendar + 1 day</p>	O	IEP  Enrollment		N
6	<b>disabilities</b> (array)	<p><i>An unordered collection of studentSpecialEducation ProgramAssociationDisabilities. The disability condition(s) that best describes an individual's impairment, as related to special education services received.</i></p> <hr/> <p>1. See array for field specific details</p>	O	IEP		EXT

7	preferredHomeCommunication MethodDescriptor (string)	<p><i>E1661, C313.</i> <i>PreferredHomeCommunicationMethod</i> <i>identifies the preferred unique communication</i> <i>method used by the child at home.</i></p> <hr/> <p>1. Report mapped Ed-Fi Code of Preferred Home Communication Method</p>	O	IEP		EXT
8	assessments (array)	<p><i>An unordered collection of</i> <i>studentSpecialEducation</i> <i>ProgramAssociationAssessments. Assessment</i> <i>represents the assessments conducted to</i> <i>evaluate a student's language acquisition.</i></p> <hr/> <p>1. See array for field specific details</p>	O	IEP		EXT
9	hearingAmplifications (array)	<p><i>An unordered collection of</i> <i>studentSpecialEducation</i> <i>ProgramAssociationHearingAmplifications.</i> <i>HearingAmplification represents the hearing</i> <i>amplification device(s), access and use for a</i> <i>student.</i></p> <hr/> <p>1. See array for field specific details</p>	O	IEP		EXT

10	instructionalSettingSets (array)	<p>An unordered collection of studentSpecialEducation ProgramAssociationInstructionalSettingSets. InstructionalSettingSet represents the InstructionalSetting with effective dates.</p> <hr/> <p>1. See array for field specific details</p>	O	IEP		EXT
11	languageAcquisitions (array)	<p>An unordered collection of studentSpecialEducation ProgramAssociationLanguageAcquisitions. LanguageAcquisition represents the language acquisition services a student has received.</p> <hr/> <p>1. See array for field specific details</p>	O	IEP		EXT
12	spedProgramSvcSets (array)	<p>An unordered collection of studentSpecialEducation ProgramAssociationSPEDProgramSvcSets. The SPEDProgramSvcSet common type captures the type of special education program services that a student participates in or receives services from and the ServiceBeginDate and ServiceEndDate associated with the SPEDProgramSvc data element.</p> <hr/> <p>1. See array for field specific details</p>	O	IEP		EXT



13	studentSPEDProgramAssociationSets (array)	<p>An unordered collection of studentSpecialEducationProgram</p> <p>AssociationStudentSPEDProgramAssociationSets. StudentSPEDProgramAssociationSet representshe MedicallyFragile, MultiplyDisabled, LEAOfRDSPDService, ChildCountFunding, PPCDServiceLocation with effective dates.</p> <hr/> <p>1. See array for field specific details</p>	O	IEP		EXT
14	studentResidentialFacilityAssociations (array)	<p>An unordered collection of studentSpecialEducationProgram AssociationStudentResidentialFacilityAssociations. StudentResidentialFacilityAssociation captures enrollment data for students enrolled at a residential facility during a particular school year.</p> <hr/> <p>1. See array for field specific details</p>	O	IEP		EXT
15	SecondaryTransitionIEPReviewDate					
16	StudentEarlyChildhoodOutcomesEntrySet					
17	StudentEarlyChildhoodOutcomesExitSet					
18	StudentSecondaryTransitionSet					
19	iepEndDate	1. This is optional, does not report	O	N/A	N/A	N

20	iepBeginDate	1. This is optional, does not report	O	N/A	N/A	N
21	specialEducationSettingDescriptor	1. This is optional, does not report	O	N/A	N/A	N
22	planDate	1. This is optional, does not report	O	N/A	N/A	N
23	specialEducationProgramServices	1. This is optional, does not report	O	N/A	N/A	N
24	reasonExitedDescriptor	1. This is optional, does not report	O	N/A	N/A	N
25	serviceProviders	1. This is optional, does not report	O	N/A	N/A	N
26	additionalPlanDate	1. This is optional, does not report	O	N/A	N/A	N
27	iepReviewDate	1. This is optional, does not report	O	N/A	N/A	N
28	lastEvaluationDate	1. This is optional, does not report	O	N/A	N/A	N
29	medicallyFragile	1. This is optional, does not report	O	N/A	N/A	N

30	multiplyDisabled	1. This is optional, does not report	O	N/A	N/A	N
31	schoolHoursPerWeek	1. This is optional, does not report	O	N/A	N/A	N
32	specialEducationHoursPerWeek	1. This is optional, does not report	O	N/A	N/A	N
33	ideaEligibility	1. This is optional, does not report	O	N/A	N/A	N
34	servedOutsideOfRegularSession	1. This is optional, does not report	O	N/A	N/A	N
35	enrollmentStatus	1. This is optional, does not report	O	N/A	N/A	N

## Arrays

### Assessments

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules  (Y/N/EXT)
--	--------------------	------------------	--	--------------	-------------------	--

1	<b>toolOrAssessmentUsedDescriptor</b> (string)	<i>E1668, C320. ToolOrAssessmentUsed identifies the tool or assessment used to assess the student s language acquisition.</i> <hr/> 1. Reports mapped Ed-Fi Code of Tool or Assessment Used	M	IEP		EXT
2	<b>assessmentResultsObtainedDescriptor</b> (string)	<i>E1669, C321. AssessmentResultsObtained identifies the result of tools or assessments used to assess the student s language acquisition.</i> <hr/> 1. Reports mapped Ed-Fi Code of Assessment Results Obtained	M	IEP		EXT

## Disabilities

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules  (Y/N/EXT)
1	<b>disabilityDescriptor</b> (string)	<i>A disability category that describes a individual's impairment.</i> <hr/> 1. Report mapped Ed-Fi Code of Primary Disability, Secondary Disability, and Tertiary Disability	M	IEP		N
2	disabilityDeterminationSourceTypeDescriptor, disabilityDiagnosis, orderOfDisability, designations	1. This is optional, does not report	O	N/A	N/A	N

3	disabilitySets (array)	<p><i>An unordered collection of studentSpecialEducationProgramAssociationDisabilitySets. DisabilitySet</i></p> <hr/> <p>1. See array for field specific details</p>	O	IEP		EXT
---	---------------------------	--	---	-----	--	-----

## Disability Sets

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
1	<b>disabilitySetBeginDate</b> (date)	<p><i>E3016. DisabilitySetBeginDate indicates the month, day, and year the order of the disability becomes true.</i></p> <hr/> <p>1. Report latest of the following that occurs within the scope year:  a. Settings and Disabilities Start Date  b. Enrollment Start Date</p>	M	IEP		EXT
2	<b>disabilitySetEndDate</b> (date)	<p><i>E3017. DisabilitySetEndDate indicates the month, day, and year the order of the disability becomes false.</i></p> <hr/> <p>1. Report earliest of the following found in the Scope Year, + 1 additional day:  a. Settings and Disabilities End Date  b. Enrollment End Date  2. Does not report if no date is found</p>	O	IEP		EXT

3	eligibilityDateDisabilities (date)	<p><i>EligibilityDateDisabilities indicates the date upon which a student who is deaf or hard of hearing is eligible for services.</i></p> <hr/> <p>1. If Primary Disability = 03, report latest of the following that occurs within the scope year:</p> <ul style="list-style-type: none"> <li>a. Settings and Disabilities Start Date</li> <li>b. Enrollment Start Date</li> </ul>	O	IEP		EXT
4	orderOfDisability (integer)	<p><i>E3039. The OrderOfDisability is the order by severity of student's disabilities:1. Primary 2. Secondary 3 Tertiary</i></p> <hr/> <p>Reports the following order:</p> <ul style="list-style-type: none"> <li>1 – Primary</li> <li>2 – Secondary</li> <li>3 – Tertiary</li> </ul>	O	IEP		EXT

#### Hearing Amplifications

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules  (Y/N/EXT)
--	--------------------	------------------	--	--------------	-------------------	--

1	hearingAmplificationTypeDescriptor (string)	<p><i>E1665, C317. HearingAmplificationType identifies the type of hearing amplification device used by the student.</i></p> <hr/> <p>1. Reports mapped Ed-Fi Code of Hearing Amplification Type</p>	M	IEP		EXT
2	hearingAmplificationAccessDescriptor (string)	<p><i>E1666, C318. HearingAmplificationAccess identifies whether the student has access to the hearing amplification device for the full-day or partial day for each HEARING-AMPLIFICATION-TYPE reported.</i></p> <hr/> <p>1. Reports mapped Ed-Fi Code of Hearing Amplification Access</p>	O	IEP		EXT
3	hearingAmplificationDailyUseDescriptor (string)	<p><i>E1667, C319. HearingAmplificationDailyUse identifies the average amount of time the hearing amplification device is used in a day based on the HEARING-AMPLIFICATION-ACCESS reported.</i></p> <hr/> <p>1. Reports mapped Ed-Fi Code of Average Daily Use</p>	O	IEP		EXT

#### Instructional Setting Sets

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules  (Y/N/EXT)
--	--------------------	------------------	--	--------------	-------------------	--

1	instructionalSettingDescriptor (string)	<p><i>E0173, C035. InstructionalSetting identifies the setting used in providing instruction to students.</i></p> <hr/> <p>1. Report mapped Ed-Fi Code of Special Ed Setting</p>	M	IEP		EXT
2	instructionalSettingBeginDate (date)	<p><i>E3025. InstructionalSettingBeginDate is the first instructional day a student is assigned to the InstructionalSetting descriptor.</i></p> <hr/> <p>1. Report latest of the following that occurs within the scope year:</p> <ul style="list-style-type: none"> <li>a. Settings and Disabilities Start Date</li> <li>b. Enrollment Start Date</li> </ul>	M	IEP		EXT
3	instructionalSettingEndDate (date)	<p><i>E3026. InstructionalSettingEndDate is the first day after the last instructional day a student was assigned to the InstructionalSetting descriptor.</i></p> <hr/> <p>1. Report earliest of the following found in the Scope Year, + 1 additional day:</p> <ul style="list-style-type: none"> <li>a. Settings and Disabilities End Date</li> <li>b. Enrollment End Date</li> </ul> <p>2. If no date is found report the last instructional day of the calendar + 1 day</p>	O	IEP		EXT

#### Language Acquisitions

Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules  (Y/N/EXT)
--------------------	------------------	--	--------------	-------------------	--



1	<b>langAcqServicesProvidedDescriptor</b> (string)	<p><i>E1662, C314. LangAcqServicesProvided indicates the specific language acquisition services provided to the student.</i></p> <hr/> <p>1. Reports mapped Ed-Fi Code of Services Provided</p>	M	IEP		EXT
2	<b>frequencyOfServicesDescriptor</b> (string)	<p><i>E1663, C315. FrequencyOfServices identifies the frequency with which a student receives services.</i></p> <hr/> <p>1. Reports mapped Ed-Fi Code of Frequency of Services</p>	O	IEP		EXT
3	<b>hoursSpentReceivingServicesDescriptor</b> (string)	<p><i>E1664, C316. HoursSpentReceivingServices identifies the amount of time in which the student receives services.</i></p> <hr/> <p>1. Reports mapped Ed-Fi Code of Hours Spent Receiving Services</p>	O	IEP		EXT

## SPED Prog Svc Sets

	<b>Data Element Label</b>	<b>Business Rule(s)</b>	<b>Mandatory/ Conditional/ Optional</b>	<b>Tool Path</b>	<b>Database Field</b>	<b>Uses Core Template Rules (Y/N/EXT)</b>
--	---------------------------	-------------------------	---	----------------------	---------------------------	---

1	<b>spedProgramSvcDescriptor</b> (string)	<p><i>E3058, C341. SPEDProgramSvc defines the services provided by an education organization to populations of students associated with a special education program.</i></p> <hr/> <p>1. Reports mapped Ed-Fi Code of SPED Service</p>	M	IEP		EXT
2	<b>serviceBeginDate</b> (date)	<p><i>E3055. ServiceBeginDate is the first instructional day a student is assigned to the SPEDProgramSvc descriptor.</i></p> <hr/> <p>1. Report latest of the following that occurs within the scope year:</p> <ul style="list-style-type: none"> <li>a. Settings and Disabilities Start Date</li> <li>b. Enrollment Start Date</li> </ul>	M	IEP		EXT
3	<b>serviceEndDate</b> (date)	<p><i>E3056. ServiceEndDate is the first day after the last instructional day a student is no longer assigned to the SPEDProgramSvc descriptor.</i></p> <hr/> <p>1. Report earliest of the following found in the Scope Year, + 1 additional day:</p> <ul style="list-style-type: none"> <li>a. Settings and Disabilities End Date</li> <li>b. Enrollment End Date</li> </ul> <p>2. If no date is found report the last instructional day of the calendar + 1 day.</p>	O	IEP		EXT

## Student Residential Facility Associations

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules  (Y/N/EXT)
1	<b>dateEnteredRF</b>  (date)	<i>E1630. DateEnteredRF indicates the date the student enters the residential facility.</i> <hr/> 1. Report Date Entered Residential Facility	M	IEP		EXT
2	<b>residentialFacilityId</b>  (integer)	<i>E1627. ResidentialFacilityId indicates the unique residential facility identification number registered with the Texas Education Agency.</i> <hr/> 1. Report Residential Facility ID	M	IEP		EXT
3	<b>dateExitedRF</b>  (date)	<i>E1631. DateExitedRF indicates the date the student exits the residential facility.</i> <hr/> 1. Report Date Exited Residential Facility	O	IEP		EXT

4	studentResFacAssocSets (array)	<p>An unordered collection of studentSpecialEducationProgramAssociation</p> <p>StudentResidentialFacilityAssociationStudentResFacAssocSets. E3064,E3065,E1633,E1634,E1635,E1636,E1637,E1638. Student residential facility being used</p> <hr/> <p>1. See array for field specific details</p>	M	IEP		EXT
---	-----------------------------------	---	---	-----	--	-----

## Student Res Fac Assoc Sets

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
1	studentResFacAssocSetBeginDate (date)	<p>E3064. StudentResFacAssocSetBeginDate indicates the first month, day, and year the student enters a residential facility.</p> <hr/> <p>1. Report Date Entered Residential Facility</p>	M	IEP		EXT
2	attendanceZoneCampus (integer)	<p>E1633. AttendanceZoneCampus is the nine-digit identifying number (assigned by the TEA) of the campus the student is expected to attend based on the geographic location (address) of the residential facility in which the student resides. This may or may not be the same as the SchoolId.</p> <hr/> <p>1. Report Attendance Zone Campus</p>	M	IEP		EXT

3	campusIdOfEnrollmentSchoolDayLength (integer)	<p>E1638. CampusIdOfEnrollmentSchoolDayLength indicates the number of instructional minutes in a school day for a non-disabled peer at the SchoolID of enrollment.</p> <hr/> <p>1. Report Campus ID of Enrollment School Day Length</p>	O	IEP		EXT
4	educatedAtResidentialFacility	<p>E1634. EducatedAtResidentialFacility indicates whether a student is educated at or in the general location of a residential facility.</p> <hr/> <p>1. If Educated at RF = selected, report true</p>	O	IEP		EXT
5	numberOtherStudentsAssignedSameSurrogateParent (integer)	<p>E1636. NumberOtherStudentsAssignedSameSurrogateParent indicates how many other students have been assigned to the same surrogate parent.</p> <hr/> <p>1. Report Number Other Student Assigned Same Surrogate</p>	O	IEP		EXT
6	residentialFacilityStudentSchoolDayLength (integer)	<p>E1637. ResidentialFacilityStudentSchoolDayLength indicates the number of minutes the residential facility student receives instruction based on the Individualized Education Plan (IEP).</p> <hr/> <p>1. Report Residential Facility Student School Day Length</p>	O	IEP		EXT

7	studentResFacAssocSetEndDate (date)	<p>E3065. StudentResFacAssocSetEndDate indicates the first month, day, and year the student was no longer in attendance at a residential facility.</p> <hr/> <p>1. Report Date Exited Residential Facility</p>	O	IEP		EXT
8	surrogateParentAssigned	<p>E1635. SurrogateParentAssigned indicates whether the student has been assigned a surrogate parent.</p> <hr/> <p>1. If Surrogate Parent Assigned = selected, report true</p>	O	IEP		EXT

#### Student SPED Program Association Sets

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules  (Y/N/EXT)
1	programBeginDate (date)	<p>E3047. ProgramBeginDate indicates the month, day, and year the student special education program association set becomes true of the student.</p> <hr/> <p>1. Report latest of the following that occurs within the scope year:</p> <ul style="list-style-type: none"> <li>a. Settings and Disabilities Start Date</li> <li>b. Enrollment Start Date</li> </ul>	M	IEP		EXT

2	programEndDate (date)	<p><i>E3048. ProgramEndDate indicates the month, day, and year the student special education program association set becomes false of the student.</i></p> <hr/> <p>1. Report earliest of the following found in the Scope Year, + 1 additional day:</p> <ul style="list-style-type: none"> <li>a. Settings and Disabilities End Date</li> <li>b. Enrollment End Date</li> </ul> <p>2. If no date is found report the last instructional day of the calendar + 1 day</p>	O	IEP		EXT
3	childCountFundingDescriptor (string)	<p><i>E0832, C066. ChildCountFunding indicates under which federal program the student receiving special education and related services is counted.</i></p> <hr/> <p>1. Always report '3'</p> <hr/> <p>"namespace": "uri://tea.texas.gov/ChildCountFundingDescriptor"</p>	O	IEP		EXT
4	ppcdServiceLocationDescriptor (string)	<p><i>E1077, C184. PPCDServiceLocation indicates whether or not the Preschool Program for Children with Disabilities (PPCD) student received their special education services in a regular early childhood program, which is defined as a program that is designed for typically developing children ages 3-5 and is not specifically or primarily designed for children with disabilities and includes (at the time of the placement decision) a majority of at least 50 percent of nondisabled children (i.e., children without an individualized education program (IEP)).</i></p> <hr/> <p>1. Report mapped Ed-Fi Code of Service</p>	O	IEP		EXT

5	leaOfRDSPDService (integer)	<p><i>E1527. LEAOfRDSPDService indicates the RDSPD Fiscal Agent district that provides the RDSPD service to a particular RDSPD student.</i></p> <hr/> <p>1. Report District of RDSPD Services</p>	O	IEP		EXT
6	multiplyDisabled (boolean)	<p><i>E0882. MultiplyDisabled indicates whether the student receiving special education and related services has been designated as multiply disabled by the admission, review, and dismissal committee.</i></p> <hr/> <p>1. If Multiply Disabled = selected, report true.</p>	O	IEP		EXT
7	medicallyFragile	<p>1. This is optional, does not report</p>	O	N/A	N/A	N