TX Ed-Fi Suite 3 API v7.1 Data Standard v4.0: Bilingual ESL Program Reporting Period Attendance

June 2025

TX Ed-Fi Suite 3 API v7.1 Data Standard v4.0: Bilingual ESL Program Reporting Period Attendance

Summary

The BilingualESLProgramReportingPeriodAttendance Entity represents the cumulative attendance of a student participating in a bilingual or ESL program.

Object Triggering

#	Action	Business Rule
R1	POST	Report attendance for each school the student has a Student School Association record for • Reports attendance from associated Attendance Periods ○ Date Range of reporting period is the Attendance Start Date through Attendance End Date ○ Exclude any attendance/membership found between Exclude Start Date and Exclude End Date • Student must have an ADA eligibility record that is active in the reporting range ○ ADA eligibility = 1/2/3/4/5/6 • EL Program Status of EL during the reporting period or Exited after the reporting period • EL Service Type mapped to an Ed-Fi Code ~~= B2, B3, B4, B5, E2, or E3~~ • Bilingual/ESL Funding mapped to an Ed-Fi Code • A change of school within the Attendance Period will cause a record for each school to report • A change in grade level within the Attendance Period will cause a record for each grade level to report • The total days reported for each data element on the record is the total for that specific reporting period ○ If a student has multiple entries and withdrawals in the same grade in the same school on the same instructional track during a specific reporting period, only one record is required and the total days for each data element are reported • Do not send record if attendance records are associated with an enrollment marked as State Exclude or No Show • Do not send records if attendance records are associated with a Calendar when the Exclude check box is checked • Do not send records if attendance records are associated with a School when the Exclude check box is checked
R7	PUT	Attendance data is changed within a reported Attendance Period
R8	DELETE	If enrollment that affects the attendance range is deleted

Transforming K12 Education®

Attendance Calculation

	Business Rule
1	There is an "Attendance Snapshot Time" set on each Calendar
2	Students who are marked absent in the period that contains the snapshot time are considered absent for the day
3	Students who are marked present in the period that contains the snapshot time are considered present for the day
4	Attendance marks in any other period do not count
5	Students with ADA Eligibility = 2, 5, or 6 count one-half day of absence or presence for each instructional day
6	Students in Grade = EE must have an overlapping IEP to have attendance days included

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools
- 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

Transforming K12 Education®

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	**studentReference**	*A reference to the related Student resource* 1. Reports the fields that are part of the Natural Key for the Student resource	M	N/A	N/A	EXT
2	**schoolReference**	*A reference to the related School resource* 1. Reports the fields that are part of the Natural Key for the School resource	M	N/A	N/A	EXT

3	**calendarCode**
	
	(string)
		indicates a unique campus calendar of school days for a particular group of students on a campus. Students with the same instructional track have the same number of days taught in a particular reporting period at a campus.
		
		1. If there is only 1 schedule structure associated with the calendar, only report the Calendar ID
		2. If there is more than 1 schedule structure associated with calendar, report the Calendar ID + Schedule Structure ID
		   a. Reports the Calendar ID-Structure ID
		      i. Report a dash between the two numbers
			M	N/A	N/A	EXT

4	**gradeLevelDescriptor** *(string)*	*indicates the current grade level of the student, or the grade level(s) offered at a school.* 1. Reports student's grade level from enrollment that overlaps the reporting period	M	Enrollment		EXT
5	**reportingPeriodDescriptor** *(string)*	*indicates the period for which the attendance data are being reported.* 1. Report the Sequence of the Attendance Period (Reporting Period) a. Example: First 6 Week Reporting Period reports '1' "namespace": "uri://tea.texas.gov/ReportingPeriodDescriptor"	M	Attendance Period		EXT

6	**numberDaysTaught** *(number)*	*indicates the number of days of instruction offered, as shown on the school calendar, during a particular reporting period.* 1. Report the number of instructional days in the Attendance Period (Reporting Period) a. All students in a particular school/track will have the same number of days taught	M	Calculated	N/A	EXT
7	**BilingualESLFundingDescriptor** *(string)*	*indicates the language program in which the student participates during the reporting period.* 1. Report mapped Ed-Fi Code of Bilingual/ESL Funding	M	EL Service		EXT
8	TotalEligBilingualESLDaysPresent *(decimal)*	*indicates the total number of days the student was present and an eligible participant in the state-approved bilingual/ESL program during a particular reporting period.* 1. Report the number of days in the reporting period in which the student was present in ESL/BIL program a. See Business Rules above for explanation of a day of absence. 2. This value is reported as a number with the format XXX.X	O	Calculated	N/A	EXT