

# **TX Ed-Fi Suite 3 v7.1 Data Standard 4: Staff Section Associations**

January  
2025

# TX Ed-Fi Suite 3 v7.1 Data Standard 4: Staff Section Associations

## Summary

This association indicates the course sections to which a staff is assigned

## Object Triggering

Action	Business Rule(s)
Post	<p>When a staff is added to a course section on Staff History</p> <ul style="list-style-type: none"> <li>• Must have a Staff Type of P: Primary Teacher OR T: Teacher in the Section Staff History Table with Role = NOT NULL</li> <li>• Do not send records if the Calendar Exclude check box is checked</li> <li>• Do not send a record if the Course is marked Inactive or Exclude</li> <li>• Must have a role mapped to an Ed-Fi code populated to report</li> <li>• Do not report a record if the Staff does not have an Staff State ID</li> <li>• Do not report if the course is in a school marked as exclude</li> <li>• Do not report a record if the Staff's District Assignment record for the reporting School does not overlap the scope year the section is aligned to</li> <li>• Only send a records for sections that the staff have an overlapping section staff history record with:                             <ul style="list-style-type: none"> <li>◦ Only post for session names where the start date of the term is on or before the section staff history end date or the section staff history end date is null</li> <li>◦ Only post for session names where the end date of the term is on or after the section staff history start date or the section staff history start date is null</li> </ul> </li> </ul> <p>When a Role mapped to an Ed-Fi code is added to an existing teacher on the Staff History Record</p>
Put	When Start or End dates are modified on the Staff History
Delete /Post	If the start or end dates are modified on the District Assignment record or the District Assignment Record is Deleted or Added and the staff is still aligned to the section
Delete	<p>When a staff member is deleted from Staff History</p> <p>When a Role is removed from a Teacher on Staff History</p>

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Staffs (sent by HR vendor)
- Sections

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.

Element ID	Data Element Label	Business Rule(s)	Mandatory/Conditional/Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)
1	<b>sectionReference</b> <i>(reference)</i>	<i>A reference to the related Section resource</i> <hr/> <ol style="list-style-type: none"><li>1. Reports the data that is part of the Natural Key for the Section resource</li></ol>	M	N/A	N/A	Y
2	<b>staffReference</b> <i>(reference)</i>	<i>A reference to the related Staff resource</i> <hr/> <ol style="list-style-type: none"><li>1. Reports the data that is part of the Natural Key for the Staff resource</li></ol>	M	N/A	N/A	Y
3	E3010 <b>beginDate</b> <i>(date)</i>	<i>Month, day and year of a teacher's assignment to the section. If blank, defaults to the first day of the first grading period for the section.</i> <hr/>	M	Staff History  District Assignment  Terms	sectionstaffhistory.startdate  employmentassignment.startdate  term.startdate	Y

1. Report the Staff History Start date if populated
  - a. If Blank, look at the District Assignment record for the teacher for that School and report Assignment Start Date if it is on or after the lowest Term Start Date and on or before the highest Term End Date for that section that is associated with the term descriptor selected for the section based on section schedule placement.
    - i. If District Assignment Start Date is Prior to the lowest Term Start Date, report the lowest Term Start Date for that section that is associated with the term descriptor selected for the section based on section schedule placement.

			<p>b. If the teacher has more than 1 District Assignment record that overlaps the section, report the Start Date from the most recent District Assignment record if it is on or after the lowest Term Start Date and on or before the highest Term End Date for that section that is associated with the term descriptor selected for the section based on section schedule placement.</p> <p>i. If the District Assignment Start Date is prior to the lowest Term Start date, report the lowest term Start date for that section that is associated with the term descriptor selected for the section based on section schedule placement.</p>			
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4	E1454	<b>classroomPositionDescriptor</b> <i>(string)</i>	<p>The type of position the Staff member holds in the specific class/section; for example: Teacher of Record, Assistant Teacher, Support Teacher, Substitute Teacher.</p> <hr/> <p>1. Reports the Ed-Fi Code from the Role that is selected  a. If Role is NULL, reports '01'</p> <hr/> <p>"namespace": "uri://tea.texas.gov/ClassroomPositionDescriptor"</p>	M	Staff History	sectionStaffHistory.role	Y
5	E3020	<b>endDate</b> <i>(date)</i>	<p><i>Month, day and year of the last day of a teacher's assignment to the section. NEDM: Ending Date</i></p> <hr/> <p>1. Report the Staff History End Date + 1 day if populated</p>	C	Staff History  District Assignment	sectionstaffhistory. enddate  employmentassignment. enddate	N

- a. If Blank, look at the District Assignment record for the teacher for that School and report Assignment End Date + 1 day if it is on or after the lowest Term Start Date and on or before the highest Term End Date for that section that is associated with the term descriptor selected for the section based on section schedule placement.
  - i. Else, Report the Term End Date + 1 day for that section that is associated with the term descriptor selected for the section based on section schedule placement.



			<p>b. If the teacher has more than 1 District Assignment record that overlaps the section, report the End Date + 1 day from the most Recent District Assignment record if it is on or after the lowest Term Start Date and on or before the highest Term End Date for that section that is associated with the term descriptor selected for the section based on section schedule placement.</p> <p>i. Else, Report the Term End Date + 1 Day for that section that is associated with the term descriptor selected for the section based on section schedule placement.</p>			
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6	E0170	<p>NumberOfStudentsInClass (number-3)</p>	<p><i>indicates the number of students served in the class.</i></p> <hr/> <ol style="list-style-type: none"> <li>1. Report the number of students enrolled in the section.</li> <li>2. If there is more than 1 Teacher assigned to the course/section, Number of Students in the Class is reported on the Teacher that has a Role 01: Teacher of Record             <ol style="list-style-type: none"> <li>a. The other Staff Member (s), Role 02: Assistant Teacher and/or Role 03: Support Teacher, assigned to the section will report Number of Students as 000.                 <ol style="list-style-type: none"> <li>i. Role 01: Teacher of Record will not necessarily be displayed in the 'Primary Teacher' field.</li> </ol> </li> <li>b. If no staff is marked with Role = 01: Teacher of Record, report number of students for the Primary Teacher.</li> </ol> </li> </ol>	M	Section Roster		EXT
7	E1057	<p>MonthlyMinutes (number)</p>		M	Section Placement		EXT

*is the total minutes devoted to a particular service in a standard month. A standard month is the four weeks in October, including the PEIMS Fall snapshot date (last Friday in October)*

1. For Title: 087, Teacher OR Title: 047: Substitute Teacher Monthly Minutes are calculated using the Period Start and End Times, Lunch Minutes, and Daily Prep Minutes from District Assignment > 090 Record, and the schedule placement of the course during the week that contains the Effective Date and the three previous weeks. Course must also have a value of Yes in the Include in Monthly Minutes field on course.

Calculate as follows:

1. Daily Minutes=number of minutes contained between the Start and End times of the period, minus the number of minutes entered in Lunch Minutes, minus the number of minutes entered in Daily Prep Minutes.

2. Multiply the Daily Minutes by the number of days the course is scheduled during the week that contains the Last Friday of October and the three previous weeks.

a) Only count days marked as Instructional or marked with a Waiver Event Type of 01/02/04 /99

b) Days on which the course is not scheduled (A/B day schedules, for example) are not counted.

2. Monthly Minutes reports as a whole number.

			<p>3. If more than one Teacher is assigned to the Course /Section, Monthly Minutes will be reported for each Teacher role.          Example: Ms. Jones teaches Course 1234-1. It is scheduled in Period 1 on A days of an A/B period schedule. The start time of Period 1 is 0800 and the end time is 1400. Lunch minutes are 30. Ms. Jones has 30 entered in Daily Prep Minutes.</p> <p>Daily Minutes=360 minutes (Period 1 start/end)-30 minutes Lunch-30 minutes Daily Prep, for a total of 300.          In the week that contains the Effective Date and the three weeks preceding that, there is one non-instructional day.          There are 10 A Days and 9 B Days.          Monthly Minutes=300 Daily Minutes times 10 A days=3000.</p>			
8	E1604	NumberDaysTaughtWeek1 <i>(number)</i>	<p><i>indicates, for a physical education teaching staff responsibility, the number of days in which physical education instruction is provided for each course section by campus during the first week of the four weeks in October that includes the last Friday in October.</i></p>	C	Section Placement	EXT

			<p>The number of days that the course was scheduled during the 1st week of the 4 week reporting period.</p> <p>Reporting period equals the week containing the Last Friday of October plus the 3 weeks previous.</p> <p>Only count days marked as Instructional or marked with a Waiver Event Type of 01/02/04 /99</p> <p>Only report for the Teacher of Record on the course.</p> <p>Only report for the following Service IDs (State Code):</p> <ol style="list-style-type: none"> <li>02530002, 02530003, 02530004, 02530005, 02530006, 02530007, 02530008, 02850000, 03823000, PES00051, PES00052, PES00053, <del>PES00054</del>, <del>PES00055</del>,</li> <li>Or Service IDs beginning with: 82210XXX, <del>82200XXX</del>, <del>82030XXX</del>, 82931XXX, <del>83200XXX</del>, 83210XXX, 84200XXX</li> </ol>			
9	E1605	NumberDaysTaughtWeek2 <i>(number)</i>		C	Section Placement	EXT

*indicates, for a physical education teaching staff responsibility, the number of days in which physical education instruction is provided for each course section by campus during the first week of the four weeks in October that includes the last Friday in October.*

The number of days that the course was scheduled during the 2nd week of the 4 week reporting period.

Reporting period equals the week containing the Last Friday of October plus the 3 weeks previous.

Only count days marked as Instructional or marked with a Waiver Event Type of 01/02/04 /99

Only report for the Teacher of Record on the course.

Only report for the following Service IDs (Course State Code):

			<ol style="list-style-type: none"> <li>02530002, 02530003, 02530004, 02530005, 02530006, 02530007, 02530008, 02850000, 03823000, PES00051, PES00052, PES00053, <del>PES00054</del>, <del>PES00055</del>,</li> <li>Or Service IDs beginning with: 82210XXX, <del>82200XXX</del>, <del>82030XXX</del>, 82931XXX, <del>83200XXX</del>, 83210XXX, 84200XXX</li> </ol>			
10	E1606	NumberDaysTaughtWeek3 (number)	<p><i>indicates, for a physical education teaching staff responsibility, the number of days in which physical education instruction is provided for each course section by campus during the first week of the four weeks in October that includes the last Friday in October.</i></p> <hr/> <p>The number of days that the course was scheduled during the 3rd week of the 4 week reporting period.</p> <p>Reporting period equals the week containing the Last Friday of October plus the 3 weeks previous.</p>	C	Section Placement	EXT



			<p>Only count days marked as Instructional or marked with a Waiver Event Type of 01/02/04 /99</p> <p>Only report for the Teacher of Record on the course.</p> <p>Only report for the following Service IDs (Course State Code):</p> <ol style="list-style-type: none"> <li>02530002, 02530003, 02530004, 02530005, 02530006, 02530007, 02530008, 02850000, 03823000, PES00051, PES00052, PES00053, <del>PES00054</del>, <del>PES00055</del>,</li> <li>Or Service IDs beginning with: 82210XXX, <del>82200XXX</del>, <del>82930XXX</del>, 82931XXX, <del>83200XXX</del>, 83210XXX, 84200XXX</li> </ol>			
11	E1607	NumberDaysTaughtWeek4 (number)	<p><i>indicates, for a physical education teaching staff responsibility, the number of days in which physical education instruction is provided for each course section by campus during the first week of the four weeks in October that includes the last Friday in October.</i></p>	C	Section Placement	EXT

			<p>The number of days that the course was scheduled during the 4th week of the 4 week reporting period.</p> <p>Reporting period equals the week containing the Last Friday of October plus the 3 weeks previous.</p> <p>Only count days marked as Instructional or marked with a Waiver Event Type of 01/02/04 /99</p> <p>Only report for the Teacher of Record on the course.</p> <p>Only report for the following Service IDs (Course State Code):</p> <ol style="list-style-type: none"> <li>02530002, 02530003, 02530004, 02530005, 02530006, 02530007, 02530008, 02850000, 03823000, PES00051, PES00052, PES00053, <del>PES00054</del>, <del>PES00055</del>,</li> <li>Or Service IDs beginning with: 82210XXX, <del>82200XXX</del>, <del>82030XXX</del>, 82931XXX, <del>83200XXX</del>, 83210XXX, 84200XXX</li> </ol>			
12	E1608	NumberMinutesTaughtWeek1		C		EXT

		<p>(number)</p>	<p><i>indicates, for a physical education teaching staff responsibility, the number of minutes in which physical education instruction is provided for each course section by campus during the first week of the four weeks in October that includes the last Friday in October.</i></p> <hr/> <p>The number of minutes that the course was scheduled during the 1st week of the 4 week reporting period.</p> <p>Reporting period equals the week containing the Last Friday of October plus the 3 weeks previous.</p> <p>Only count days marked as Instructional or marked with a Waiver Event Type of 01/02/04 /99</p> <p>Only report for the Teacher of Record on the course.</p> <p>Only report for the following Service IDs (Course State Code):</p>	<p>Section Placement</p>		
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			<ol style="list-style-type: none"> <li>02530002, 02530003, 02530004, 02530005, 02530006, 02530007, 02530008, 02850000, 03823000, PES00051, PES00052, PES00053, <del>PES00054</del>, <del>PES00055</del>,</li> <li>Or Service IDs beginning with: 82210XXX, <del>82200XXX</del>, <del>82930XXX</del>, 82931XXX, <del>83200XXX</del>, 83210XXX, 84200XXX</li> </ol>			
13	E1609	NumberMinutesTaughtWeek2 (number)	<p><i>indicates, for a physical education teaching staff responsibility, the number of minutes in which physical education instruction is provided for each course section by campus during the first week of the four weeks in October that includes the last Friday in October.</i></p> <hr/> <p>The number of minutes that the course was scheduled during the 2nd week of the 4 week reporting period.</p> <p>Reporting period equals the week containing the Last Friday of October plus the 3 weeks previous.</p>	C	Section Placement	EXT

			<p>Only count days marked as Instructional or marked with a Waiver Event Type of 01/02/04 /99</p> <p>Only report for the Teacher of Record on the course.</p> <p>Only report for the following Service IDs (Course State Code):</p> <ol style="list-style-type: none"> <li>02530002, 02530003, 02530004, 02530005, 02530006, 02530007, 02530008, 02850000, 03823000, PES00051, PES00052, PES00053, <del>PES00054</del>, <del>PES00055</del>,</li> <li>Or Service IDs beginning with: 82210XXX, <del>82200XXX</del>, <del>82930XXX</del>, 82931XXX, <del>83200XXX</del>, 83210XXX, 84200XXX</li> </ol>			
14	E1610	NumberMinutesTaughtWeek3 (number)	<p><i>indicates, for a physical education teaching staff responsibility, the number of minutes in which physical education instruction is provided for each course section by campus during the first week of the four weeks in October that includes the last Friday in October.</i></p>	C	Section Placement	EXT

			<p>The number of minutes that the course was scheduled during the 3rd week of the 4 week reporting period.</p> <p>Reporting period equals the week containing the Last Friday of October plus the 3 weeks previous.</p> <p>Only count days marked as Instructional or marked with a Waiver Event Type of 01/02/04 /99</p> <p>Only report for the Teacher of Record on the course.</p> <p>Only report for the following Service IDs (Course State Code):</p> <ol style="list-style-type: none"> <li>02530002, 02530003, 02530004, 02530005, 02530006, 02530007, 02530008, 02850000, 03823000, PES00051, PES00052, PES00053, <del>PES00054</del>, <del>PES00055</del>,</li> <li>Or Service IDs beginning with: 82210XXX, <del>82200XXX</del>, <del>82030XXX</del>, 82931XXX, <del>83200XXX</del>, 83210XXX, 84200XXX</li> </ol>			
15	E1611	NumberMinutesTaughtWeek4.		C	Section Placement	EXT

(number)

*indicates, for a physical education teaching staff responsibility, the number of minutes in which physical education instruction is provided for each course section by campus during the first week of the four weeks in October that includes the last Friday in October.*

The number of minutes that the course was scheduled during the 4th week of the 4 week reporting period.

Reporting period equals the week containing the Last Friday of October plus the 3 weeks previous.

Only count days marked as Instructional or marked with a Waiver Event Type of 01/02/04 /99

Only report for the Teacher of Record on the course.

Only report for the following Service IDs (Course State Code):

			<ol style="list-style-type: none"> <li>02530002, 02530003, 02530004, 02530005, 02530006, 02530007, 02530008, 02850000, 03823000, PES00051, PES00052, PES00053, <del>PES00054</del>, <del>PES00055</del>,</li> <li>Or Service IDs beginning with: 82210XXX, <del>82200XXX</del>, <del>82030XXX</del>, 82931XXX, <del>83200XXX</del>, 83210XXX, 84200XXX</li> </ol>				
16	E1673	AdditionalDaysProgramTeacher	<p><i>indicates if a teacher is teaching students eligible for the additional days school year (ADSY) program as described in TEC §48.0051</i></p> <hr/> <p>1. Needs schema - tbd</p>	C			EXT
17	E1015	SharedServiceArrangementStaff	<ol style="list-style-type: none"> <li>This is optional, does not report</li> </ol>	O	N/A	N/A	EXT
18		highlyQualifiedTeacher	<ol style="list-style-type: none"> <li>This is optional, does not report</li> </ol>	O	N/A	N/A	Y
19		percentageContribution	<ol style="list-style-type: none"> <li>This is optional, does not report</li> </ol>	O	N/A	N/A	Y



20		teacherStudentDataLinkExclusion	1. This is optional, does not report	O	N/A	N/A	Y
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