

# Arizona Ed-Fi Data v3.1 - Staff Section Association

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**Classic View:** System Administration > Ed-Fi

**Search Terms:** Ed-Fi

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

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

| Action      | Trigger  |
|-------------|--|
| 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.</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.</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 Ed-Fi 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>• Do not send a record if the State Reporting Exclude checkbox is selected on the course.</li> <li>• Only send a record for sections in which staff have an overlapping section staff history record: <ul style="list-style-type: none"> <li>1. 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>2. 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> |
| Post        | When a Role mapped to an Ed-Fi code is added to an existing teacher on the Staff History Record.   |
| Put         | When Start or End dates are modified on the Staff History.   |
| Post/Delete | 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      | When a staff member is deleted from Staff History.   |
| Delete      | When a Role is removed from a Teacher on Staff History   |

## School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

| Action | Trigger  |
|--------|--|
| None   | If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.                           |
| Resync | If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.                 |
| Resync | If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS. |
| Resync | If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.   |

## Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

| Action      | Trigger  |
|-------------|--|
| Delete/Post | Natural Key changes: The natural key logic from Sections and Staffs will update this resource if they change |

## Scope Year Logic

This table describes scope year logic of this object.

| Logic   |
|---|
| <p>Reports for Sections in the scope year to which the course's calendar is aligned.</p> <ul style="list-style-type: none"> <li>Data will only send for years that have valid configuration.</li> </ul> |

## Resource Preferences

|                    |                               |
|--------------------|-------------------------------|
| Data Element Label | Mapping Needed                |
| Teacher Role       | Classroom Position Descriptor |

## Event Queue Detail

This table describes the Event Queue Detail of this object.

| Campus Table         | Ed-Fi Action    | Fields   |
|----------------------|-----------------|--|
| sectionstaffhistory  | Post/Put/Delete | The primary table used for sending data for this resource. |
| employmentassignment | Put             | Begin Date, End date                                       |
| term                 | Put             | Begin Date, End Date                                       |
| sectionstaffhistory  | Put             | Begin Date, Role, End Date                                 |

## Object Data Elements

This table describes data elements sent within the Staff Section Association resource.

| Data Element Label | Business Requirement                         | Business Rules  | M, C or O | Data Source GUI Path | Database Field |
|--------------------|--|---|-----------|----------------------|----------------|
| id                 | The unique identifier of the resource.       |   | M         |                      |                |
| sectionReference   | A reference to the related Section resource. | 1. Reports the data that is part of the Natural Key for the Section resource. | M         |                      |                |
| staffReference     | A reference to the related Staff resource.   | 1. Reports the data that is part of the Natural Key for the Staff resource.   | M         |                      |                |
| beginDate          |  |   | M         |                      |                |

| beginDate<br>Data Element Label | Month, day<br>Business<br>Requirement<br>and year of a<br>teacher's<br>assignment to<br>the section. If | 1. Report the Staff<br>Business Rules<br>History Start date if<br>populated:<br><ul style="list-style-type: none"> <li>If Blank, look at<br/>the District</li> </ul>   | M<br>M,<br>C<br>or<br>O | Course><br>Data Source<br>Section> Staff<br>History> Start<br>Date   | Database Field<br>sectionstaffhistory.startdate<br>OR<br>employmentassignment.s<br>OR<br>term.startdate |
|---------------------------------|---|--|-------------------------|--|---|
|                                 | blank,<br>defaults to the<br>first day of the<br>first grading<br>period for the<br>section.            | Assignment<br>record for the<br>teacher for that<br>School and<br>report<br>Assignment<br>Start Date if it is<br>on or after the<br>lowest Term<br>Start Date and<br>on or before the<br>highest Term<br>End Date for<br>that section that<br>is associated<br>with the term<br>descriptor<br>selected for the<br>section based<br>on section<br>schedule<br>placement. <ul style="list-style-type: none"> <li>If District<br/>Assignment<br/>Start Date<br/>is Prior to<br/>the lowest<br/>Term Start<br/>Date,<br/>report the<br/>lowest<br/>Term Start<br/>Date for<br/>that<br/>section<br/>that is<br/>associated<br/>with the<br/>term<br/>descriptor<br/>selected<br/>for the<br/>section<br/>based on<br/>section<br/>schedule<br/>placement.</li> </ul> <ul style="list-style-type: none"> <li>If the teacher<br/>has more than 1<br/>District<br/>Assignment<br/>record that<br/>overlaps the<br/>section, report<br/>the Start Date<br/>from the most<br/>recent District<br/>Assignment<br/>record if it is on<br/>or after the</li> </ul> |                         | OR<br><br>Census><br>People> District<br>Assignment><br>Start Date<br><br>OR<br><br>System<br>Administration><br>Calendar><br>Calendar><br>Terms |   |

| Data Element Label           | Business Requirement   | Business Rules   | M, C or O | Data Source GUI Path  | Database Field   |
|------------------------------|--|--|-----------|---|--|
|                              |  | <p>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> <ul style="list-style-type: none"> <li>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.</li> </ul> |           |   |  |
| classroom PositionDescriptor | A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table. | <p>Reports the Ed-Fi Code field from the Role that is selected.</p> <ol style="list-style-type: none"> <li>If Role is blank, report "R".</li> <li>Report default value if selected.</li> </ol>   | M         | Course > Section > Staff History > Role   | sectionstaffhistory.role                                   |
| endDate                      | Month, day and year of the last day of a teacher's assignment to the section.  | <ol style="list-style-type: none"> <li>Report the Staff History End Date if populated: <ul style="list-style-type: none"> <li>If Blank, look at the District Assignment record for the teacher for that School and report Assignment End Date if it is on or</li> </ul> </li> </ol>  | O         | Course> Section> Staff History> End Date<br><br>OR<br><br>Census> People> District Assignment> End Date | sectionstaffhistory.enddat<br>OR<br>employmentassignment.e |

| Data Element Label | Business Requirement | Business Rules   | M, C or O | Data Source GUI Path | Database Field |
|--------------------|----------------------|--|-----------|----------------------|----------------|
|                    |                      | <p>after the lowest Term Start Date and on or before the highest Term End Date</p> <p>for that section that is associated with the term descriptor selected for the section based on section schedule placement.</p> <ul style="list-style-type: none"> <li>▪ Else, Report the Term End Date for that section that is associated with the term descriptor selected for the section based on section schedule placement.</li> </ul> <p>◦ If the teacher has more than 1 District Assignment record that overlaps the section, report the End 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> <ul style="list-style-type: none"> <li>▪ Else, Report the Term End Date for that section</li> </ul> |           |                      |                |

| Data Element Label                | Business Requirement   | Business Rules that is associated with the term descriptor selected for the section based on section schedule placement. | M, C or O | Data Source GUI Path | Database Field |
|-----------------------------------|--|--|-----------|----------------------|----------------|
| highlyQualifiedTeacher            | An indication of whether a teacher is classified as highly qualified for his/her assignment according to state definition. This attribute indicates the teacher is highly qualified for this section being taught. | 1. This is optional, does not report.  | O         |                      |                |
| percentage Contribution           | The percentage of time the teacher is responsible for the student.   | 1. This is optional, does not report.  | O         |                      |                |
| teacher Student DataLinkExclusion | Indicates that the student-section combination is excluded from calculation of value-added or growth attribution calculations used for a particular teacher evaluation.  | 1. This is optional, does not report.  | O         |                      |                |
| etag                              | A unique system-generated value that identifies the version of the resource.   |  | O         |                      |                |

## Type/Descriptors

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