

Nebraska Ed-Fi Data v3.5 - Student Section Association

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

Object Triggering Logic

This table describes logic for triggering syncing of this object.

| Action | Trigger |
|-------------|--|
| Post | When a student is scheduled into a course section. <ul style="list-style-type: none"> • A record will report for each Section record that is reported based on the Sections logic. • If roster start date is after the term end date, do not report a record for the prior term. • Only send records if the student has an enrollment in the schedule structure where the student is scheduled and is not marked as No Show or State Exclude. • Do not send records if the Calendar Exclude check box is checked. • Do not send records if the School Exclude check box is checked. • Do not send records if the Course is marked as Inactive or Exclude. • Report a record when a new section is created for an existing course. |
| Post | Send a new record if a student's roster start date is changed. |
| Put | When section information is updated for a student or section. <ul style="list-style-type: none"> • Update when the course or section's homeroom field is changed. |
| Delete | When a student is deleted from a course section. |
| Delete | Delete any future records if the student is given a roster end date for the course. <ul style="list-style-type: none"> • Roster End Date must be before Term Start date of future records |
| Delete/Post | Delete the record if a student's roster start date is changed. |

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 change: <ul style="list-style-type: none"> The natural key logic from Sections and Students will update this resource if they change. If the students Begin Date changes. |
| Delete/Post | If the natural key changes all dependent data will delete/post. <ul style="list-style-type: none"> Student Section Attendance Events, Grades |

Scope Year Logic

This table describes scope year logic of this object.

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

Event Queue Detail

This table describes the Event Queue Detail of this object.

| Campus Table | Ed-Fi Action | Fields |
|--------------|-----------------|--|
| roster | Post/Put/Delete | The primary table used for sending data for this resource. |
| roster | Put | End date |
| terms | Put | End date |
| course | Put | homeroom |
| section | Put | homeroom |

Object Data Elements

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

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI Path | Datab |
|--------------------|--|----------------|-----------|----------------------|-------|
| id | The unique identifier of the resource. | | M | | |

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI Path | Datab |
|-------------------------|---|--|-----------|---|-------------------------|
| beginDate | Month, day and year of the student's entry or assignment to the section. If blank, default is the start date of the first grading period. | <ol style="list-style-type: none"> Report the roster start date for the term record in which the start date occurs <ul style="list-style-type: none"> For any records in the future terms for that course, use the earliest term start date If Start Date is NULL, report the earliest term start date associated with the term descriptor selected for this section based on section schedule placement. | M | Student Information> General> Schedule> Roster Start Date OR System Administration> Calendar> Calendar> Terms | roster. or terms. |
| sectionReference | A reference to the related Section resource. | Reports the fields that are part of the Natural Key for the Section resource. | M | | |
| studentReference | A reference to the related Student resource. | Reports the fields that are part of the Natural Key for the Student resource. | M | | |
| attemptStatusDescriptor | An indication of the student's attempt status for the section. | <ol style="list-style-type: none"> If a grade is given to a student that has a state mapping of "Pass", then send AttemptStatus in the StudentSectionAssociation as "Pass". <ul style="list-style-type: none"> If the grade given to a student has no state mapping, send the AttemptStatus in the StudentSectionAssociation as "Pass". If a grade is given to a student that has a state mapping of "Fail", then send the AttemptStatus in the StudentSectionAssociation as "Fail". If a grade is given to a student that has a state mapping of "Incomplete", then send the AttemptStatus in the StudentSectionAssociation as "Incomplete". If a grade is given to a student that has a state mapping of "Withdrawn", then send the AttemptStatus in the StudentSectionAssociation as "Withdrawn". If a grade is given to a student that has a state mapping of "Audited", then send the AttemptStatus in the StudentSectionAssociation as "Audited". | M | | |

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI Path | Datab |
|---------------------------------|---|---|-----------|---|-------------------|
| endDate | Month, day, and year of the withdrawal or exit of the student from the section. | <ol style="list-style-type: none"> Report the roster end date for the student . <ul style="list-style-type: none"> If a roster end date is entered, delete any records for future terms for that section If NULL, report the latest term start date associated with the term descriptor selected for this section based on section schedule placement | O | Student Information> General> Schedule> Roster End Date OR System Administration> Calendar> Calendar> Terms | roster. or terms. |
| homeroomIndicator | Indicator that the class is the student's designated homeroom used for daily attendance reporting. | <ol style="list-style-type: none"> Report "True" if the check box is checked on either the Section or the Course the section is assigned to. Else, report False. | O | Scheduling> Course> Homeroom or Scheduling> Course> Section> Homeroom | course or sector |
| repeatIdentifierType | An indication as to whether a student has previously taken a given course. | Does not report, this data is not collected in Campus. | O | | |
| teacherStudentDataLinkExclusion | Indicates that the student-section combination is excluded from calculation of value-added or growth attribution calculations used for a particular teacher evaluation. | Does not report, this data is not collected in Campus. | O | | |

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI Path | Datab |
|--------------------|---|--|-----------|---|-------|
| DualCreditEligible | | <ol style="list-style-type: none"> 1. If a course is marked as Dual Credit Eligible, report True for all Students in sections, unless a student is marked Dual Credit on the roster, then only report marked students. 2. If a section is marked Dual Credit Eligible, report that section only, UNLESS the course is marked Dual Credit Eligible, unless a student is marked Dual Credit on the roster, then only report marked students. <ul style="list-style-type: none"> ◦ If a course is not marked, report for sections that are marked, unless the student is marked as Dual Credit, then only report marked students. | C | Index> Course/Section> Dual Credit Eligible OR Index> Course/Section> Section> Dual Credit Eligible | |
| etag | A unique system-generated value that identifies the version of the resource | | O | | |

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