

# MN v3.3 - Staff Section Associations

Last Modified on 04/30/2024 1:33 pm CDT

[Object Triggering Logic](#) | [School Exclude, Calendar Exclude, Resource Toggle and Resync Logic](#) | [Natural Key Changes, Cascading Updates, and Deletes Logic](#) | [Scope Year Logic](#) | [Resource Preferences](#) | [Event Queue Detail](#) | [Object Data Elements](#) | [Type/Descriptors](#) | [Resource Preferences Continued](#)

**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 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 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 to which the section is aligned.</li> <li>• Only send a record for sections in which staff have an overlapping section staff history record: <ol 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> </ol> </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
Reports for Sections in the scope year to which the course's calendar is aligned. <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
--------------	--------------	--------

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		
<b>sectionReference</b>	A reference to the related Section resource.	1. Reports the data that is part of the Natural Key for the Section resource.	M		
<b>staffReference</b>	A reference to the related Staff resource.	1. Reports the data that is part of the Natural Key for the Staff resource.	M		
beginDate	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.	Does not report.	O	N/A	N/A

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
classroom PositionDescriptor	The type of position the Staff member holds in the specific class/section; for example: Teacher of Record, Assistant Teacher, Support Teacher, Substitute Teacher...	<ol style="list-style-type: none"> <li>1. Reports the Ed-Fi Code from the Role that is selected.</li> <li>2. If Role is NULL, or no value is mapped, do not report a record.</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. NEDM: Ending Date.	<ol style="list-style-type: none"> <li>1. 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 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. <ul style="list-style-type: none"> <li>▪ Else, Report the Term End Date for</li> </ul> </li> </ul> </li> </ol>	O	N/A	N/A

Data Element Label	Business Requirement	Business Rules that section 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
		<ul style="list-style-type: none"> <li>◦ 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. <ul style="list-style-type: none"> <li>▪ Else, Report the Term End Date for that section that is associated with the term</li> </ul> </li> </ul>			

Data Element Label	Business Requirement	Business Rules	descriptor selected for the section based on section schedule placement.	M, C or O	Data Source GUI Path	Database Field

## Type/Descriptors

► [Click here to expand...](#)

## Resource Preferences Continued

The Ed-Fi Configuration tool is used to establish Ed-Fi data resources.

The following describes how to set the resource preferences for the Staff Section Association resource. If the Configure or Edit button do not display, then the resource does not need to be mapped and the toggle button can be used to turn the resource on or off.

If a mapping is changed, a resync must be performed on the resource in order for the new mappings to send correctly.

1. Select the appropriate **Ed-Fi Code** for the Classroom Position Descriptors.

Any item not mapped will not report to Ed-Fi.

Classroom Position Descriptors	
Attribute Dictionary	System Administration > Custom > Attribute Dictionary > Teacher > Role
UI Location	Scheduling > Courses > Section > Staff History > Role

Classroom Position Descriptors

Teacher Role	Ed-Fi Code
TR: Teacher of Record	TOR: Teacher of Record ▼
NR: Not State Reported	▼

Show Inactive

2. Click **Save**.

