

# Michigan Ed-Fi Data v3.1 - Staff School Associations

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Tool Search: Ed-Fi

This association indicates the school(s) to which a teacher provides instructional services.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a District Assignment record is created or changed and saved for a staff member. Do not report if any of the following scenarios are true: <ul style="list-style-type: none"> <li>• There is not an Ed-Fi ID for the staff person.</li> <li>• The District Assignment records are not active based on the Scope Year logic listed below.</li> <li>• If the record is being triggered from a District Assignment record and it is marked as Exclude.</li> <li>• If the record is being triggered from a District Assignment record and the School is marked as Exclude.</li> <li>• If data is sent prior to the Exclude check boxes are checked, the data will remain and the user will need to use the Delete Tool to remove data.</li> </ul>
Put	When any field not part of the natural key changes: <ul style="list-style-type: none"> <li>• academicSubjects</li> <li>• gradeLevels</li> </ul>
Delete/Post	If any part of the Natural Key changes: <ul style="list-style-type: none"> <li>• programAssignmentDescriptor</li> </ul>
Delete/Post	If there are two District Assignment records that create the same natural Key and 1 is Deleted, the remaining record will be posted.
Delete	When a District Assignment record is deleted.

## 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
Post/Delete	Natural Key changes: <ul style="list-style-type: none"> <li>If the School Number/Ed-Fi School Number changes or the Ed-Fi ID changes, a delete/post will occur with the cascading deletes from the School ID/Ed-Fi ID Change triggers.</li> <li>programAssignmentDescriptor</li> </ul>
Delete	Cascading Deletes: N/A - there are no dependent resources.

## Scope Year Logic

This table describes scope year logic of this object.

Logic
A record will report when a person has a District Assignment or District Employment record that is aligned to a scoped year.
Report when a staff has an active District Assignment or District Employment record that overlaps with the School year Start and End Dates <ul style="list-style-type: none"> <li>If School Year Start Date is NULL, 7/1/xxxx will be the default start date used.</li> <li>If School Year End Date is NULL, 6/30/xxxx will be the default end date used.</li> </ul>
Data will only send for the years that have valid configuration.

## Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
employmentassignment	Post/Put/Delete	The primary table used for sending data for this resource.

## Object Data Elements

Data Element Labels in bold are part of the Natural Key and are required data elements for data to send to Ed-Fi.

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		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
<b>programAssignment Descriptor</b>	The name of the program for which the individual is assigned; for example: Regular education Title I-Academic Title I-Non-Academic Special Education Bilingual/English as a Second Language.	<ol style="list-style-type: none"> <li>1. Report 'Regular Education' if the Teacher checkbox is checked.</li> <li>2. Report 'Special Education' if the Special Ed checkbox is checked.</li> <li>3. Else, report 'Other'.</li> </ol>	M	Census> People > District Assignment	employmentassi teacher  employmentassi special  employmentassi behavior  employmentassi health  employmentassi advisor  employmentassi supervisor  employmentassi foodservice  employmentassi counselor
calendarReference	A reference to the related Calendar Resource.	<ol style="list-style-type: none"> <li>1. This is optional, does not report.</li> </ol>	O		
<b>schoolReference</b>	A reference to the related Education Organization resource.	<ol style="list-style-type: none"> <li>1. Reports the data that is part of the Natural Key for the Schools resource.</li> </ol>	M		
schoolYearType Reference	Identifier for a school year.	<ol style="list-style-type: none"> <li>1. Report the calendar End Year (ex: 2017).</li> </ol>	O		
<b>staffReference</b>	A reference to the related Staff resource.	<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		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
academicSubjects	An unordered collection of staffSchoolAssociationAcademicSubjects. This association indicates the school(s) to which a teacher provides instructional services.	1. See Array section below for logic.	O		
gradeLevels	An unordered collection of staffSchoolAssociationGradeLevels. This association indicates the school(s) to which a teacher provides instructional services.	1. See Array section below for logic.	O		
_etag	A unique system-generated value that identifies the version of the resource.		O		

## Arrays

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