

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

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 | <p>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.</p> |
| Resync | <p>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.</p> |
| Resync | <p>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.</p> |
| Resync | <p>If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.</p> |

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"> 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. programAssignmentDescriptor |
| 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"> If School Year Start Date is NULL, 7/1/xxxx will be the default start date used. If School Year End Date is NULL, 6/30/xxxx will be the default end date used. |
| 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 |
|-------------------------------------|--|---|-----------|--------------------------------------|---|
| programAssignment Descriptor | 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"> 1. Report 'Regular Education' if the Teacher checkbox is checked. 2. Report 'Special Education' if the Special Ed checkbox is checked. 3. Else, report 'Other'. | 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"> 1. This is optional, does not report. | O | | |
| schoolReference | A reference to the related Education Organization resource. | <ol style="list-style-type: none"> 1. Reports the data that is part of the Natural Key for the Schools resource. | M | | |
| schoolYearType Reference | Identifier for a school year. | <ol style="list-style-type: none"> 1. Report the calendar End Year (ex: 2017). | O | | |
| staffReference | A reference to the related Staff resource. | <ol style="list-style-type: none"> 1. Reports the data that is part of the Natural Key for the Staff resource. | 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

[Click here to expand...](#)

Academic Subject

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI Path | Database Field |
|---------------------------|--------------------------|--|-----------|---|--|
| academicSubjectDescriptor | Key for academicSubject. | <ol style="list-style-type: none"> 1. Report the Ed-Fi Code from the Primary Teaching Area field. 2. If Ed-Fi Code is NULL or field is blank, do not report. | M | Census> People> District Assignments> Primary Teaching Area | employmentassignment.primaryTeachingArea |

Grade Levels

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI Path | Database Field |
|--------------------|----------------------|----------------|-----------|----------------------|----------------|
|--------------------|----------------------|----------------|-----------|----------------------|----------------|

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI Path | Database Field |
|----------------------|----------------------|---|-----------|---|----------------------------|
| gradeLevelDescriptor | Key for gradeLevels. | <ol style="list-style-type: none"> 1. Report the Ed-Fi Code from the Grade selected. 2. If Ed-Fi Code is NULL or field is blank, do not report. | M | Census> People> District Assignments> Grade Level | employmentassignment.grade |