

# Staff School Associations (Vermont v3.6)

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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"> <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	<p>When any field not part of the natural key changes:</p> <ul style="list-style-type: none"> <li>academicSubjects</li> <li>gradeLevels</li> </ul>
Delete/Post	<p>If any part of the Natural Key changes:</p> <ul style="list-style-type: none"> <li>programAssignmentDescriptor</li> </ul>
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
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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>program Assignment 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	employmentassignment.te employmentassignment.sj employmentassignment.b employmentassignment.h employmentassignment.a employmentassignment.si employmentassignment.fc employmentassignment.c
calendar Reference	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>school Reference</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		
schoolYear TypeReference	Identifier for a school year.	<ol style="list-style-type: none"> <li>1. Report the calendar End Year (ex: 2017).</li> </ol>	O		
<b>staff Reference</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		
academic Subjects	An unordered collection of staffSchoolAssociationAcademicSubjects. This association indicates the school(s) to which a teacher provides instructional services.	<ol style="list-style-type: none"> <li>1. See Array section below for logic.</li> </ol>	O		

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

## Type/Descriptors

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## Program Assignment Descriptors

Code Value	Description	Namespace	Short Description
Bilingual/English as a Second Language	Bilingual/English as a Second Language	uri://ed-fi.org/ProgramAssignmentDescriptor	Bilingual/English as a Second Language
Other	Other	uri://ed-fi.org/ProgramAssignmentDescriptor	Other
Regular Education	Regular Education	uri://ed-fi.org/ProgramAssignmentDescriptor	Regular Education
Special Education	Special Education	uri://ed-fi.org/ProgramAssignmentDescriptor	Special Education
Title I-Academic	Title I-Academic	uri://ed-fi.org/ProgramAssignmentDescriptor	Title I-Academic
Title I-Non-Academic	Title I-Non-Academic	uri://ed-fi.org/ProgramAssignmentDescriptor	Title I-Non-Academic

## Academic Subject Descriptors

Code Value	Description	Namespace	Short Description
Career and Technical Education	Career and Technical Education	uri://ed-fi.org/AcademicSubjectDescriptor	Career and Technical Education
Composite	Composite	uri://ed-fi.org/AcademicSubjectDescriptor	Composite
Critical Reading	Critical Reading	uri://ed-fi.org/AcademicSubjectDescriptor	Critical Reading
Cross Subject	Cross Subject	uri://ed-fi.org/AcademicSubjectDescriptor	Cross Subject
English	English	uri://ed-fi.org/AcademicSubjectDescriptor	English
English Language Arts	English Language Arts	uri://ed-fi.org/AcademicSubjectDescriptor	English Language Arts
Fine and Performing Arts	Fine and Performing Arts	uri://ed-fi.org/AcademicSubjectDescriptor	Fine and Performing Arts
Foreign Language and Literature	Foreign Language and Literature	uri://ed-fi.org/AcademicSubjectDescriptor	Foreign Language and Literature
Life and Physical Sciences	Life and Physical Sciences	uri://ed-fi.org/AcademicSubjectDescriptor	Life and Physical Sciences
Mathematics	Mathematics	uri://ed-fi.org/AcademicSubjectDescriptor	Mathematics
Military Science	Military Science	uri://ed-fi.org/AcademicSubjectDescriptor	Military Science
Other	Other	uri://ed-fi.org/AcademicSubjectDescriptor	Other
Physical, Health, and Safety Education	Physical, Health, and Safety Education	uri://ed-fi.org/AcademicSubjectDescriptor	Physical, Health, and Safety Education
Reading	Reading	uri://ed-fi.org/AcademicSubjectDescriptor	Reading
Religious Education and Theology	Religious Education and Theology	uri://ed-fi.org/AcademicSubjectDescriptor	Religious Education and Theology

Code Value	Description	Namespace	Short Description
Science	Science	uri://ed-fi.org/AcademicSubjectDescriptor	Science
Social Sciences and History	Social Sciences and History	uri://ed-fi.org/AcademicSubjectDescriptor	Social Sciences and History
Social Studies	Social Studies	uri://ed-fi.org/AcademicSubjectDescriptor	Social Studies
Writing	Writing	uri://ed-fi.org/AcademicSubjectDescriptor	Writing

## Grade Level Descriptors

Code Value	Description	Namespace	Short Description
Adult Education	Adult Education	uri://ed-fi.org/GradeLevelDescriptor	Adult Education
Early Education	Early Education	uri://ed-fi.org/GradeLevelDescriptor	Early Education
Eighth grade	Eighth grade	uri://ed-fi.org/GradeLevelDescriptor	Eighth grade
Eleventh grade	Eleventh grade	uri://ed-fi.org/GradeLevelDescriptor	Eleventh grade
Fifth grade	Fifth grade	uri://ed-fi.org/GradeLevelDescriptor	Fifth grade
First grade	First grade	uri://ed-fi.org/GradeLevelDescriptor	First grade
Fourth grade	Fourth grade	uri://ed-fi.org/GradeLevelDescriptor	Fourth grade
Grade 13	Grade 13	uri://ed-fi.org/GradeLevelDescriptor	Grade 13
Infant/toddler	Infant/toddler	uri://ed-fi.org/GradeLevelDescriptor	Infant/toddler
Kindergarten	Kindergarten	uri://ed-fi.org/GradeLevelDescriptor	Kindergarten
Ninth grade	Ninth grade	uri://ed-fi.org/GradeLevelDescriptor	Ninth grade
No grade level	No grade level	uri://ed-fi.org/GradeLevelDescriptor	No grade level
Other	Other	uri://ed-fi.org/GradeLevelDescriptor	Other
Postsecondary	Postsecondary	uri://ed-fi.org/GradeLevelDescriptor	Postsecondary
Preschool/Prekindergarten	Preschool/Prekindergarten	uri://ed-fi.org/GradeLevelDescriptor	Preschool/Prekindergarten
Second grade	Second grade	uri://ed-fi.org/GradeLevelDescriptor	Second grade
Seventh grade	Seventh grade	uri://ed-fi.org/GradeLevelDescriptor	Seventh grade
Sixth grade	Sixth grade	uri://ed-fi.org/GradeLevelDescriptor	Sixth grade
Tenth grade	Tenth grade	uri://ed-fi.org/GradeLevelDescriptor	Tenth grade

Code Value	Description	Namespace	Short Description
Third grade	Third grade	uri://ed-fi.org/GradeLevelDescriptor	Third grade
Twelfth grade	Twelfth grade	uri://ed-fi.org/GradeLevelDescriptor	Twelfth grade
Ungraded	Ungraded	uri://ed-fi.org/GradeLevelDescriptor	Ungraded