

Nebraska Ed-Fi Data v3.1 - Staff School Associations

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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. 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	<p>Natural Key changes:</p> <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	<p>Cascading Deletes: N/A - there are no dependent resources.</p>

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		
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"> Report 'Regular Education' if the Teacher checkbox is checked. Report 'Special Education' if the Special Ed checkbox is checked. Else, report 'Other'. 	M	Census> People > District Assignment	employmentassignm employmentassignm employmentassignm employmentassignm employmentassignm employmentassignm
calendarReference	A reference to the related Calendar Resource.	<ol style="list-style-type: none"> This is optional, does not report. 	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
schoolReference	A reference to the related Education Organization resource.	1. Reports the data that is part of the Natural Key for the Schools resource.	M		
schoolYearTypeReference	Identifier for a school year.	1. Report the calendar End Year (ex: 2017).	O		
staffReference	A reference to the related Staff resource.	1. Reports the data that is part of the Natural Key for the Staff resource.	M		
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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Academic Subject

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

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
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

Code Value	Description	Namespace	Short Description
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
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