

Wisconsin Ed-Fi Data v3.5 - Student Education Organization Associations

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Tool Search: Ed-Fi

This association represents student information that is specific to a student's relationship with an Education Organization.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When an enrollment is created and saved for a person and the enrollment overlaps a configured year.</p> <ul style="list-style-type: none"> Do not send a student record for an enrollment that is marked as State Exclude, No Show, or WISE Exclude. Do not send a record if enrollment is in a calendar marked as State Exclude, Summer School, or in a School marked Exclude. If Ed-Fi Configuration Profile = Choice + Opt in report a record for all eligible students if Choice = Yes or No on the student's enrollment. If Ed-Fi Configuration Profile = Choice AND Choice = No on Student enrollment, do not report a record. If School Override is populated on enrollment, report an additional record with the associated Ed-Fi School Number. Send only one record per unique School/Student combination based on primacy if there are overlapping records: <ul style="list-style-type: none"> 1. State Enrollment Type = Primary 2. Enrollment Type = Primary 3. Enrollment Type = Special Ed 4. other enrollment types or state enrollment types
Put	<p>When one of the person's household locations is updated/changed.</p> <ul style="list-style-type: none"> Mailing, Private, Physical
Put	<p>When one of the person's household memberships is added/deleted/changed.</p> <ul style="list-style-type: none"> Start Date, End Date, Private
Put	<p>When any data in the address the student is associated with changes .</p> <ul style="list-style-type: none"> PO Box, Number, Prefix, Street, Tag, Direction, City, State, Zip
Put	When the Immigrant indicator on the enrollment driving the SEOA record is updated and saved.
Put	When the Resident District field on the enrollment driving the SEOA record is updated and saved.
Put	When a Migrant record is created that has dates falling within the enrollment dates driving the SEOA reco.
Delete	When the State Exclude, WISE Exclude, or No Show check boxes are checked.

Resource Toggle and Resync Logic

This table describes the Resource Toggle and Trigger logic of this object.

Action	Business Rule
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	Business Rule
Post/Delete	Natural Key Change: If the District Number/Ed-Fi District Number changes, a delete/post will occur with the cascading deletes from the LEA ID Change triggers. If an Ed-Fi ID changes, this will happen with the cascading deletes from the Ed-Fi ID Change trigger.
Delete	Cascading Deletes: N/A - no dependent resources

Scope Year Logic

This table describes scope year logic of this object.

Logic
<p>The record will send to the scope year for the school year the enrollment is associated with.</p> <ul style="list-style-type: none"> The enrollment must overlap with the scope year to report. Data will only send for the years that have valid configuration.
<p>When using data in Campus that has a single date, the following logic will be applied to determine the scope year(s) to report the data to.</p> <ul style="list-style-type: none"> Current Year: Records will be compared to today's date to determine if the record is eligible to report. Previous Years: The record's date must be on or before the schools year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used. Future Years: The record's date must be on or after the schools year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used.
<p>When using data in Campus that have start and end dates, the following logic will be applied to determine the scope year(s) to report the data to.</p> <ul style="list-style-type: none"> Current Year: The records start date must be on or before today's date and the records end date must be on or after today's date. Previous Years: The record's start date must be on or before the school year's end date and the record's end date must be after the school year's end date defined in the School Years editor. If blank, the default date of 6/30/xxxx is used. Future Years: The record's start date must be on or before the schools year's start date and the record's end date must be on or after the school year's start date defined in the School Years editor. If blank, the default date of 7/01/xxxx is used.

Identity Mapping Object Key

This table describes the Identity Mapping Object Key of this object.

campusObjectType	Object Key Data Source
Person	personID - schoolID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
enrollment	Post/Put/Delete Put	The primary table used for sending data for this resource. Reports Disabilities
identity	Put	Reports Hispanic or Latino, Gender, Home Primary Language, US Entry Type.
person	Put	Reports the Ed-Fi ID.
contact	Put	Reports the Telephone and Email information.
raceethnicity	Put	Reports Races.
plantype	Put	Reports Indicators.
plan	Put	Reports Disabilities, Indicators.
planstate	Put	Reports Disabilities.
programs	Put	Reports any Characteristic created in Programs.
programparticipation	Put	Reports any Characteristic created in Programs.
ImpactAidEmployment	Put	Reports Parent in Military.
relatedpair	Put	Guardian checkbox for contact information and Parent in Military.
section504	Put	Reports Section 504 Handicapped.
homeless	Put	Reports Homeless, Unaccompanied Youth, Runaway.

Object Data Elements

This table describes data elements sent within the Student Education Organization Association resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path
id	The unique identifier of the resource.		M	
educationOrganizationId	The identifier assigned to an education organization.	<ol style="list-style-type: none"> Report the Ed-Fi school number for the student's enrollment record from the School Override field on the enrollment record if it is populated. <ul style="list-style-type: none"> If the school override is the same as the school for the enrollment record, only report 1 record. Otherwise, report the Ed-Fi school Number (System Administration > Resources > School) associated with the student's enrollment record. 	M	
studentReference	A unique alphanumeric code assigned to a student.	Reports the natural key of the Students resource.	M	

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path
addresses	The set of elements that describes an address, including the street address, city, state, and ZIP code.	Note: All leading and trailing white spaces will be removed when this data is sent. <ol style="list-style-type: none"> If No is selected for LEA "Opt-in" under Ed-Fi Configuration > Resource Preferences > Student Education Organization Associations > Addresses, report Null. If Yes is selected for LEA "Opt-in", report the most current Primary addresses that are marked as "Mailing" or "Physical". <ul style="list-style-type: none"> If more than 1 Primary Address marked as Mailing, report address with most recent Household Membership Start Date. <ol style="list-style-type: none"> Else, report the address with most recent Address Start Date. Do not report if the Address Location Detail or Household Membership is marked as "Private" or "Secondary". If multiple primary addresses exist and 1 is marked Physical, report a second address with an addressTypeDescriptor of "Home". <ul style="list-style-type: none"> Note: Only 1 of each address type may be reported. If only 1 address exists and only Mailing or Physical are checked, report 2 records - 1 with an addressType = Home and the 2nd record with same address with addressType = Mailing. If "Secondary" is checked, do not report address. See Business Rules in Scope Year logic to determine the eligibility of records. See Array section below for data logic for each field. 	O	Household Addresses Mailing Household Membership Start Date Household Addresses Start Date
cohortYears	The type and year of a cohort (e.g., 9th grade) the student belongs to as determined by the year that student entered a specific grade.	This is optional, does not report.	O	
disabilities	The disability condition(s) that best describes an individual's impairment, as determined by evaluation(s) conducted by the education organization.	<ol style="list-style-type: none"> If the enrollment determining the record is in a School with Ed-Fi Configuration Profile = Public, do not report this array. Otherwise, report the Ed-Fi Code Value from the Disability Descriptor page linked below under Type/Descriptors WI based on the Ed-Fi code value for each disability the student meets. See the Array section above for Disabilities for full reporting requirements 	O	
electronicMails	The numbers, letters, and symbols used to identify an electronic mail (e-mail) user within the network to which the individual or organization belongs.	electronicMailType has a specific url path = WI_URI_PATH('uri://dpi.wi.gov/ElectronicMailTypeDescriptor#Org')	O	Census> People> Demographics > Email

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path
hispanicLatinoEthnicity	An indication that the individual traces his or her origin or descent to Mexico, Puerto Rico, Cuba, Central and South America, and other Spanish cultures, regardless of race. The term, "Spanish origin," can be used in addition to "Hispanic or Latino."	Report "Is the individual Hispanic/Latino?" from the student's current identity: <ul style="list-style-type: none"> If droplist is = Yes, report "true". If droplist is = No, report "false". 	O	Census>F>Identitie Is the Individual Hispanic c Latino?
internationalAddresses	The set of elements that describes an international address.	This is optional, does not report.	O	
languages	The language(s) the individual uses to communicate. It is strongly recommended that entries use only ISO 639-3 language codes.	<ol style="list-style-type: none"> If the Enrollment determining the record is in a calendar in a school where Ed-Fi School Population is marked Choice or Choice + Private Opt in, report blank. If Enrollment is in a school where Ed-Fi School Population is marked Public and Native Language is not NULL, add to the languages. <ul style="list-style-type: none"> Otherwise, do not add to the array. See the Languages Array elements for logic. 	C	Census > People > Identity > Native Language
limitedEnglishProficiencyDescriptor	An indication that the student has been identified as limited English proficient by the Language Proficiency Assessment Committee (LPAC), or English proficient.	See Appendix A for calculation.	O	Student Informatic Program Participati English Learners (
loginId	The login ID for the user; used for security access control interface.	Reports the app username.	O	
oldEthnicityDescriptor	Previous definition of Ethnicity combining Hispanic/latino and race 1 - American Indian or Alaskan Native 2 - Asian or Pacific Islander 3 - Black, not of Hispanic origin 4 - Hispanic 5 - White, not of Hispanic origin.	This is optional, does not report.	O	N/A
profileThumbnail	File name for the ProfileThumbnail photograph.	This is optional, does not report.	O	N/A
programParticipations	Key programs the student is participating in or receives services from.	This is optional, does not report.	O	

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path
racess	The general racial category which most clearly reflects the individual's recognition of his or her community or with which the individual most identifies. The data model allows for multiple entries so that each individual can specify all appropriate races.	See Array section below for data logic for each field.	O	Census > People > Identities Race/Ethn
sexDescriptor	A person's gender.	<ol style="list-style-type: none"> 1. Report the Gender from the student's current identity record. 2. Check to see if the "Report Legal Identifies when provided" checkbox is selected on the Students resource preferences editor. <ol style="list-style-type: none"> 1. If yes, check to see if Legal Gender is populated. <ul style="list-style-type: none"> ▪ If yes, report the value from Legal Gender ▪ If no, report the Gender value based on the value selected in the droplist: <ol style="list-style-type: none"> 1. Female, report 'F' 2. Male, report 'M' 3. Non-binary, report 'X' 2. If no, report the Gender value based on the value selected in the droplist: <ol style="list-style-type: none"> 1. Female, report 'F' 2. Male, report 'M' 3. Non-binary, report 'X' 	M	Census>P >Identitie Gender
characteristics	Reflects important characteristics of the student's home situation: Displaced Homemaker, Immigrant, Migratory, Military Parent, Pregnant Teen, Single Parent, and Unaccompanied Youth.	See Array below for logic.	O	
identificationCodes	A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a student.	See Array section for reporting logic.	O	
indicators	Indicator(s) or metric(s) computed for the student (e.g., at risk) to influence more effective education or direct specific interventions.	See Array section for reporting logic.	O	
telephones	The 10-digit telephone number, including the area code, for the person.	This is optional, does not report.	O	

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path
languages	An unordered collection of studentLanguages. Language(s) the individual uses to communicate.	<ol style="list-style-type: none"> If the Enrollment determining the record is in a calendar in a school where Ed-Fi School Population is marked Choice or Choice + Private Opt in, report blank If Enrollment is in a school where Ed-Fi School Population is marked Public and Native Language is not NULL, add to the languages. <ul style="list-style-type: none"> Otherwise, do not add to the array. See the Languages Array elements for logic. 	C	Census > People > Identity > Native Language
tribalAffiliations	An American Indian tribe with which the student is affiliated.	<ol style="list-style-type: none"> Report the Ed-Fi code(s) mapped in resource preferences for any and all values saved in the multi-select tool where standard code value = AIAN. Otherwise, do not report. 	C	Census > People > > Detailed Ancestry/ Codes
ancestryEthnicOrigin Descriptor	An unordered collection of student Education Organization Association Ancestry Ethnic Origins. The ancestry ethnic origins that pertain to the general racial categories with which the individual identifies.	Report the associated Ed-Fi code value.		Census > People > > Race/Ethnicity Determination
_ext_wi_studentEducationOrganizationAssociationsExtension (residentLocalEducationAgency Reference)	The district in which the student resides. In WISE data, Resident District is not expected for students who live in the district and receive their primary K-12 educational services from the district submitting the data. The Resident District is assumed to be the submitting district unless otherwise noted by inclusion of data in the Resident District field.	<p>Report the value selected in Resident District if different than the reporting district (when only 1 credential exists for the configuration).</p> <ol style="list-style-type: none"> If multiple credentials exist for the configuration for the config year and Resident District on enrollment is populated with a value that is different from the District Number in the Configuration > Credentials, report the entityID for the Resident District value on enrollment. <ul style="list-style-type: none"> If the Resident District on enrollment is null, report the District Number from the Credentials area of the configuration. If both Resident District and District Number on configuration are null, do not report the extended element. 		Student Information General > Enrollment State Reporting Fields > Resident District
_etag	A unique system-generated value that identifies the version of the resource.		O	

Array Data Elements

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Student Indicators

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
indicatorName	The name of the indicator or metric: InternetAccessInResidence InternetAccessTypeInResidence InternetPerformance DigitalDevice DeviceAccess Wisconsin Digital Equity	<ol style="list-style-type: none"> If a Digital Equity record exists for the student that falls within the config year, report the following: <ul style="list-style-type: none"> "InternetAccessInResidence" as the Indicator Name for the first record in the array. Report "InternetAccessTypeInResidence" for the 2nd record. Report "InternetPerformance" for the 3rd record. Report "DigitalDevice" for the 4th record. Report "DigitalAccess" for the 5th record. If multiple Digital Equity records exist for the student, report the most recent record. If no record exists, do not report. 	M	Student Information > Program Participation > State Programs > Digital Equity	
indicator	The value of the indicator or metric. Wisconsin Digital Equity	<ol style="list-style-type: none"> If a Digital Equity record exists for the student that falls within the config year, report the name for the value selected for each indicatorName. 	M	Student Information > Program Participation > State Programs > Digital Equity	
indicatorGroup	The name for a group of indicators. Wisconsin Digital Equity	<ol style="list-style-type: none"> If a Digital Equity record exists for the student that falls within the config year, report "DigitalEquity" for each indicatorName. 	M	Student Information > Program Participation > State Programs > Digital Equity	

Addresses

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
addressTypeDescriptor	The type of address listed for an individual or organization. For example, Mailing Address, Home Address, etc.	<ol style="list-style-type: none"> 1. Report Mailing for the address being reported if "Mailing" is checked. 2. If "Physical" is checked for the address being reported, report "Home". 3. If only 1 primary address exists, report 2 records with the same address, 1 for Home and 1 for Mailing. 	M		
stateAbbreviationDescriptor	The abbreviation for the state (within the United States) or outlying area in which an address is located.	Reports the State for the address being reported.	M	Households> Address Info> State	address.state
apartmentRoomSuiteNumber	The apartment number of the student.	Reports from apartment number on the address being reported.	C	Households>address>info> APT	address.apartment
city	The name of the city in which an address is located.	Reports the City for the address being reported.	M	Households> Address Info> City	address.city
postalCode	The five or nine digit zip code portion of an address.	Reports the Zip Code for the address being reported.	M	Households> Address Info> Zip Code	address.zip
streetNumberName	The street number and street name or post office box number of an address.	Reports Address PO Box + Number + Street + Tag + Prefix + Dir	M	Households>Address Info	address.postOfficeBox address.number address.street address.tag address.prefix address.dir

Types/Descriptors

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Appendix A: Additional Logic

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