

# Staff (Arizona 7.1)

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## [Object Triggering Logic](#) | [Object Data Elements](#)

This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.

A Staff Education Organization Assignment Association or a Staff Education Organization Employment Association record must be sent in order to see/access a Staff Record in the ODS. This is the security protocol set by Ed-Fi, you cannot see the Staff record until they are associated to a District or School through the SEOAA or SEOEA records.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When a person has a District Employment or District Assignment record that overlaps the configured year and they have an Ed-Fi ID.</p> <ul style="list-style-type: none"> <li>Do NOT report a record if any one of the following scenarios are true:           <ol style="list-style-type: none"> <li>There is not an Ed-Fi ID for the staff person.</li> <li>The staff 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> </ol> </li> </ul>
Put	<p>When one of the following employment record fields is updated:</p> <ul style="list-style-type: none"> <li>Start Date</li> <li>End Date</li> <li>License Number</li> </ul>
Put	<p>When any data is edited for the person in the Data Elements fields below.</p> <ul style="list-style-type: none"> <li>When the person's identity record is changed.</li> <li>When the person's employment assignment record is changed.</li> <li>When the person's employment record is changed.</li> <li>When one of the person's employment credentials is changed.</li> <li>When one of the person's section staff history records is changed.</li> </ul>
Delete	Staff records are a shared resource among all districts, this record will not delete.

## 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
Delete/Post	Cascading Deletes: The logic for an Ed-Fi ID change will update all resources impacted by this change.
Dependent Resources	Staff Education Organization Assignment Associations, Staff Education Organization Employment Associations, Staff School Associations, Staff Section Associations, Staff Cohort Associations

## Scope Year Logic

This table describes scope year logic of this object.

Logic
<p>A record will report when a person has a District Assignment or District Employment record that is aligned to a scoped year</p> <ul style="list-style-type: none"> <li>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/yyyy will be the default start date used</li> <li>If School Year End Date is NULL, 6/30/yyyy will be the default end date used</li> </ul> </li> <li>Data will only send for the years that have valid configuration</li> </ul>
<p>When using data in Campus that has an effective 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"> <li>Current Year: Records will be compared to today's date to determine if the record is eligible to report.</li> <li>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/yyyy is used.</li> <li>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/yyyy is used.</li> </ul>

## Logic

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.

- 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/yyyy 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/yyyy is used.

## Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Race/Ethnicity	Race Descriptor
EmploymentCredential Degree Type and Employment Education	Highest Completed Level Of Education Descriptors

## Identity Mapping Object Key

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

campusObjectType	Object Key Data Source
Person	personID

## Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
employment	Post/Put/Delete	The primary table used for sending data for this resource
employmentassignment	Post/Put/Delete	The primary table used for sending data for this resource
identity	Put	Hispanic or Latino, Gender, First Name, Suffix, Last Surname, Middle Name
person	Put	Ed-Fi ID, Staff Number
contact	Put	Email
raceethnicity	Put	Races

Campus Table	Ed-Fi Action	Fields
employmentCredential	Put	Highest Completed Level of Education, Highly Qualified Teacher, License Number
employment	Put	Highest Completed Level of Education, License Number

## Object Data Elements

This table describes data elements sent within the Staff resource.

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
id	The unique identifier of the resource.	M	
<b>staffUniqueId</b>	<p>A unique alpha-numeric code assigned to a staff.</p> <p>Report the Ed-Fi ID from the Staff State ID.</p>	M	<p>Demographics &gt; Staff State ID</p> <p>Person.staffStateID</p>
addresses	<p>Report the person's address(es).</p> <p>This is optional, does not report.</p>	O	
birthDate	<p>The month, day, and year on which an individual was born.</p> <ol style="list-style-type: none"> <li>Report the Birth Date from the person's current identity record.</li> <li>If blank, do not report.</li> </ol>	O	<p>Identities &gt; Birth Date</p> <p>identity.birthdate</p>
citizenshipStatusDescriptor	<p>A unique identifier used as Primary Key, not derived from business logic, when acting as Foreign Key, references the parent table.</p> <p>This is optional, does not report.</p>	O	

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
credentials	<p>An unordered collection of staffCredentials. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.</p> <p>This is optional, does not report.</p>	O	
electronicMails	<p>An unordered collection of staffElectronicMails. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.</p> <p>See array section for logic.</p>	O	
firstName	<p>A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change.</p> <p>Report the first name from the person's current identity record.</p>	M	Identities > First Name Identity.firstName
generationCodeSuffix	<p>An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III).</p> <ol style="list-style-type: none"> <li>Report the suffix from the person's current identity record.</li> <li>If blank, do not report.</li> </ol>	C	Identities > Suffix Identity.suffix

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
highestCompletedLevelOfEducationDescriptor	<p>The highest level of education completed for a staff member.</p> <p>This is optional, does not report.</p>	O	
highlyQualifiedTeacher	<p>An indication of whether a teacher is classified as highly qualified for his/her assignment according to state definition.</p> <p>This is optional, does not report.</p>	O	
hispanicLatinoEthnicity	<p>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."</p> <p>Report from "Is the individual Hispanic/Latino?" from the person's current identity:  If dropdown is = Yes, report "true". If dropdown is = No or NULL, report "false".</p>	M	<p>Identities &gt; Is the individual Hispanic/Latino?</p> <p>identity.hispanicEthnicity</p>
identificationCodes	<p>An unordered collection of staffIdentificationCodes. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.</p> <p>See array section below for logic.</p>	O	

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
identificationDocuments	<p>An unordered collection of staffIdentificationDocuments. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.</p> <p>This is optional, does not report.</p>	0	
internationalAddresses	<p>An unordered collection of staffInternationalAddresses. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.</p> <p>This is optional, does not report.</p>	0	
languages	<p>An unordered collection of staffLanguages. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.</p> <p>This is optional, does not report.</p>	0	

<b>Data Element Label</b>	<b>Business Requirements and Business Rules</b>	<b>Mandatory, Conditional or Optional</b>	<b>Location</b>
lastSurname	<p>The name borne in common by members of a family.</p> <p>Report the last name from the person's current identity record.</p>	M	<p>Identities &gt; Last Name</p> <p>Identity.lastName</p>
loginId	<p>The login ID for the user; used for security access control interface.</p> <p>This is optional, does not report.</p>	O	
maidenName	<p>The person's maiden name, if applicable.</p> <p>This is optional, does not report.</p>	O	
middleName	<p>A secondary name given to an individual at birth, baptism, or during another naming ceremony.</p> <ol style="list-style-type: none"> <li>1. Report the middle name from the person's current identity record.</li> <li>2. If blank, do not report.</li> </ol>	C	<p>Identities &gt; Middle Name</p> <p>Identity.middleName</p>
oldEthnicityDescriptor	<p>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.</p> <p>This is optional, does not report.</p>	O	

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
otherNames	<p>An unordered collection of staffOtherNames. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.</p> <p>This is optional, does not report.</p>	O	
personalIdentificationDocuments	<p>The documents presented as evident to verify one's personal identity; for example: drivers license, passport, birth certificate, etc.</p> <p>This is optional, does not report.</p>	O	
personalTitlePrefix	A prefix used to denote the title, degree, position or seniority of the person.	C	
races	<p>An unordered collection of staffRaces. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.</p> <p>This is optional, does not report.</p>	O	
recognitions	<p>Recognitions given to the staff for accomplishments in a co-curricular or extracurricular activity.</p> <p>This is optional, does not report.</p>	O	

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
sexDescriptor	<p>A person's gender.</p> <p>Report the following based on the value selected in the dropdown.</p> <ul style="list-style-type: none"> <li>Female report 'Female'.</li> <li>Male report 'Male'.</li> <li>If blank or Non-binary, report 'Not Selected'</li> </ul>	M	Identities>Gender identity.Gender
telephones	<p>An unordered collection of staffTelephones. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.</p> <p>This is optional, does not report.</p>	O	
tribalAffiliations	<p>An American Indian tribe with which the staff member is affiliated.</p> <p>This is optional, does not report.</p>		
visas	<p>An unordered collection of staffVisas. This entity represents an individual who performs specified activities for any public or private education institution or agency that provides instructional and/or support services to students or staff at the early childhood level through high school completion.</p> <p>This is optional, does not report.</p>	O	

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
yearsOfPriorProfessionalExperience	<p>The total number of years that an individual has previously held a similar professional position in one or more education institutions.</p> <p>This is optional, does not report.</p>	O	
yearsOfPriorTeachingExperience	<p>The total number of years that an individual has previously held a teaching position in one or more education institutions.</p> <p>This is optional, does not report.</p>	O	

## Arrays

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### Staff Electronic Mail

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
electronicMailTypeDescriptor	<p>Key for ElectronicMail</p> <ol style="list-style-type: none"> <li>1. The Email (primary) address will report as 'Work'.</li> <li>2. The Secondary Email address will report as 'Home/Personal'.</li> </ol>	M	
electronicEmailAddress	<p>The numbers, letters, and symbols used to identify an electronic mail (e-mail) user within the network to which the individual or organization belongs.</p> <p>Reports the email address entered for that person.</p>	M	<p>Demographics &gt; Email contact.email</p> <p>Demographics &gt; Secondary Email contact.secondaryemail</p>

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
primaryEmailAddressIndicator	<p>An indication that the electronic mail address should be used as the principal electronic mail address for an individual or organization.</p> <p>This is optional, does not report.</p>	O	

### Staff Identification Code

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
staffIdentificationSystemDescriptor	<p>Key for StaffIdentificationSystem.</p> <ol style="list-style-type: none"> <li>1. Report 'District' when reporting the Local Staff Number.</li> <li>2. Report 'Educator Stakeholder' when reporting the License Number.</li> </ol>	M	
assigningOrganizationIdentificationCode	<p>The organization code or name assigning the Staff Identification Code.</p> <p>Do not report, the agency name that issues staff state id's or license Numbers is not collected.</p>	O	

Data Element Label	Business Requirements and Business Rules	Mandatory, Conditional or Optional	Location
identificationCode	<p>A unique number or alphanumeric code assigned to a staff member by a school, school system, a state, or other agency or entity.</p> <p>Report the District Employment &gt; License Number field when populated. Use the scope year logic to determine which employment record the license number should be reported from.</p> <p>Report the Local Staff Number if populated</p>	M	<p>District Employment &gt; License Number</p> <p>Demographics &gt; Local Staff ID</p>

## Type/Descriptor

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### Level of Education Descriptors

Code Value	Description	Namespace	Short Description
Associate's Degree (two years or more)	Associate's Degree (two years or more)	uri://ed-fi.org/LevelOfEducationDescriptor	Associate's Degree (two years or more)
Bachelor's	Bachelor's	uri://ed-fi.org/LevelOfEducationDescriptor	Bachelor's
Did Not Graduate High School	Did Not Graduate High School	uri://ed-fi.org/LevelOfEducationDescriptor	Did Not Graduate High School
Doctorate	Doctorate	uri://ed-fi.org/LevelOfEducationDescriptor	Doctorate
High School Diploma	High School Diploma	uri://ed-fi.org/LevelOfEducationDescriptor	High School Diploma
Master's	Master's	uri://ed-fi.org/LevelOfEducationDescriptor	Master's
Some College No Degree	Some College No Degree	uri://ed-fi.org/LevelOfEducationDescriptor	Some College No Degree

### Staff identification System Descriptor

Code Value	Description	Namespace	Short Description
Canadian SIN	Canadian SIN	uri://ed-fi.org/StaffIdentificationSystemDescriptor	Canadian SIN
District	District	uri://ed-fi.org/StaffIdentificationSystemDescriptor	District
Drivers License	Drivers License	uri://ed-fi.org/StaffIdentificationSystemDescriptor	Drivers License
Federal	Federal	uri://ed-fi.org/StaffIdentificationSystemDescriptor	Federal
Health Record	Health Record	uri://ed-fi.org/StaffIdentificationSystemDescriptor	Health Record
Medicaid	Medicaid	uri://ed-fi.org/StaffIdentificationSystemDescriptor	Medicaid
Other	Other	uri://ed-fi.org/StaffIdentificationSystemDescriptor	Other
Other Federal	Other Federal	uri://ed-fi.org/StaffIdentificationSystemDescriptor	Other Federal
PIN	PIN	uri://ed-fi.org/StaffIdentificationSystemDescriptor	PIN
Professional Certificate	Professional Certificate	uri://ed-fi.org/StaffIdentificationSystemDescriptor	Professional Certificate
School	School	uri://ed-fi.org/StaffIdentificationSystemDescriptor	School
Selective Service	Selective Service	uri://ed-fi.org/StaffIdentificationSystemDescriptor	Selective Service
SSN	SSN	uri://ed-fi.org/StaffIdentificationSystemDescriptor	SSN
State	State	uri://ed-fi.org/StaffIdentificationSystemDescriptor	State
US Visa	US Visa	uri://ed-fi.org/StaffIdentificationSystemDescriptor	US Visa

### Electronic Mail Type Descriptors

Code Value	Description	Namespace	Short Description
Home/Personal	Home/Personal	uri://ed-fi.org/ElectronicMailTypeDescriptor	Home/Personal
Organization	Organization	uri://ed-fi.org/ElectronicMailTypeDescriptor	Organization
Other	Other	uri://ed-fi.org/ElectronicMailTypeDescriptor	Other
Work	Work	uri://ed-fi.org/ElectronicMailTypeDescriptor	Work

## Race Descriptors

Code Value	Description	Namespace	Short Description
American Indian - Alaska Native	American Indian - Alaska Native	uri://ed-fi.org/RaceDescriptor	American Indian - Alaska Native
Asian	Asian	uri://ed-fi.org/RaceDescriptor	Asian
Black - African American	Black - African American	uri://ed-fi.org/RaceDescriptor	Black - African American
Choose Not to Respond	Choose Not to Respond	uri://ed-fi.org/RaceDescriptor	Choose Not to Respond
Native Hawaiian - Pacific Islander	Native Hawaiian - Pacific Islander	uri://ed-fi.org/RaceDescriptor	Native Hawaiian - Pacific Islander
Other	Other	uri://ed-fi.org/RaceDescriptor	Other
White	White	uri://ed-fi.org/RaceDescriptor	White