MN Ed-Fi Suite v3.5.2, Data Standard v3.3.0-a: Parents

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Summary

This entity represents a parent or guardian of a student, such as mother, father, or caretaker.

Object Triggering Logic

Action	Business Rule(s)

Post	Reports a record when Guardian is checked **AND** at least one related person is a Student **AND** the Guardian is listed as the Caregiver on the Student's Early Education program **AND** the Student's Early Education program overlaps the current config year.
	
	 • The Guardian does **NOT** need to be in a household with the student.
	 • The Relationship between the Guardian and the student must overlap today's date to send a record.
	     ◦ Relationship Start Date must be on or before today's date.
	     ◦ Relationship End Date must be on or after today's date.
	 • If the student is a Guardian of themselves (emancipated), then report the student as both the Parent and the Student.
	 • Do not report a record if the any of the following exclusions are present:
	     ◦ Guardian has a NULL Ed-Fi ID.
	     ◦ Enrollment No Show - Must apply to all related students.
	     ◦ Enrollment Grade Level Exclude - Must apply to all related students.
	     ◦ Calendar Exclude - Must apply to all related students.
	     ◦ School Exclude - Must apply to all related students.

Delete /Post
 	
Put
	A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.
	
	• When any of the following information is changed on Identity:
	   ○ Identity ID (New Identity)
	   ○ Effective Date
	   ○ First Name
	   ○ Middle Name
	   ○ Last Name
	   ○ Suffix
	   ○ Gender
	   ○ Birth Date
	• When any of the following information is changed on Demographics:
	   ○ Person ID
	• When any of the following information is changed on Relationships:
	   ○ Relationship ID (New Relationship)
	   ○ Guardian
	   ○ Start Date
	   ○ End Date
	• When any of the following information is changed on Early Education:
	   ○ Early Education ID (New Early Education record)
	   ○ Start Date
	   ○ End Date
	   ○ Caregiver
	   ○ Educational Background
	   ○ Participant Type
	   ○ Household Income
	   ○ Household Members
	   ○ Requires Interpreter

Delete	• Parents records are shared amongst all districts and cannot be deleted. When the Student Parent Association is deleted, the district will no longer have the authorization to see or perform a delete on the Parents record.

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Required Resources (Upstream)

The following resources must be sent prior to this resource:

- N/A

Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- Student Parent Associations

Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix
400: Validation of '**RESOURCE**' failed. **FIELD** is required.	An element of the JSON that is required is missing and needs to be added. - Double check that all bolded data elements below are reporting a valid value and no data elements below are reporting an invalid value.
400: '**RESOURCE**' failed. **RESOURCE** reference could not be resolved.	A resource that was referenced from a difference resource does not yet exist. - Resync the resource being mentioned in the error, then resync the errored resource. Alternatively, the resource being referenced may be incorrect. This can happen with Schools and the Ed-Fi School ID being used as an example. Double check the referenced values being sent are valid.

403: Authorization denied. The claim does not have any established relationships with the requested resource.	The key/secret being used does not have permission to send a record for the resource / referenced resource. • Double check your API credentials (key/secret). Sometimes specific keys/secrets cannot report specific resources. • The referenced person (student, staff, parent, contact, etc.) has not yet been associated to the key /secret. Resync their "linking" resource (Students Student School Associations, Staffs Staff Education Organization Assignment Associations, etc.) then resync the errored resource. • The referenced person (student, staff, parent, contact, etc.) may not exist in the ODS yet. Resync the "person" resource and the "linking" resource (Students Student School Associations, Staffs Staff Education Organization Assignment Associations, etc.) then resync the errored resource.
404: Failed to delete '**RESOURCE**'. Record does not exist.	The attempt to delete a specific Ed-Fi record ID in the ODS failed because it did not exist. • This error can be ignored. The ID was cleared from the Ed-Fi Identity Mapping Report and will not attempt to delete again.
409: A natural key conflict occurred when attempting to create a new resource '**RESOURCE**' with a duplicate key.	The Ed-Fi API has a natural key system alongside a standard REST ID system. This error is often protecting against the erroneous creation of a duplicate record in the API. However, it may also indicate that the natural key requirements of the Ed-Fi API have not been satisfied, and the key needs to be modified. • Check for duplicate data in your Campus site. If no duplicate data can be found, report the issue to Campus Support. ◦ This can be caused by numerous issues. Our code may be attempting to send duplicate records when it should not. The natural key (bolded fields below) may not be unique enough to satisfy Ed-Fi requirements in all cases. Most times this error will require a code change to fix.
409: The resource (or a subordinate entity of the resource) cannot be deleted because it is a dependency of the '**RESOURCE**' entity.	The resource that the application is attempting to delete is referenced from another entity. • Use the Delete Tool to delete the referenced resource in the error message. Then retry the delete on the original resource that errored.

500: Internal Server Error.	Something unexpected happened and no specific error message could be returned.
	
	• This issue usually occurs when the ODS is having issues. Confirm that there are no issues with the ODS the data is being sent to and then attempt to retry the errored record.
	• Contact Campus Support if 500 errors continue to occur, can be replicated consistently, and the ODS the data is being sent to has no ongoing issues.
	    ○ There is a chance that Campus Ed-Fi code is sending an invalid JSON request resulting in the 500 error.
	    ○ There is a chance that an Ed-Fi Data Standard / API bug is causing the issue.
	    ○ Investigation is needed in these cases as there are many different potential causes.

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Object Data Elements Logic

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element. For Core Ed-Fi connections, it indicates what the data standard requires for each data element.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✓ / ✗ / EXT)
1	**parentUniqueId** (*string*)	*A unique alphanumeric code assigned to a parent.* Reports a concatenation of the following fields: **District Type + State District Number + 000 + - +District GUID + Person ID** • State District Number and District GUID will only report the first 4 characters. • State District Number will be 0-padded if it is not 4 characters long. • Example: ○ District Type is 01 ○ State District Number is 123 ○ District GUID is 987654321 ○ Person ID is 55555 ○ We would report 011230000-987655555	M	District Information	District .type District .number District .districtGUID Person .personID	✗

2	firstName (*string*)	*A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change.* Reports the **First Name** from the person's most recent Identity record. • This does **NOT** consider legal information. We only report based on the preferred information.	M	Identities	Identity .firstName	✅
3	generationCodeSuffix (*string*)	*An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III).* Reports the **Suffix** from the person's most recent Identity record. • This does **NOT** consider legal information. We only report based on the preferred information.	O	Identities	Identity .suffix	✅

| 4 | highestCompleted LevelOfEducationDescriptor | *The extent of formal instruction an individual has received (e.g., the highest grade in school completed or its equivalent or the highest degree received).*

Reports the Ed-Fi Code mapped to the value selected for **Educational Background** .

• This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Parents resource.
• Does not report if Educational Background is NULL or not mapped to an Ed-Fi Code. | C | Early Education | EarlyEducationMN . educationalBackground | ❌ |
| 5 | lastSurname (*string*) | *The name borne in common by members of a family.*

Reports the **Last Name** from the person's most recent Identity record.

• This does **NOT** consider legal information. We only report based on the preferred information. | M | Identities | Identity .lastName | ✅ |

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6	middleName (*string*)	*A secondary name given to an individual at birth, baptism, or during another naming ceremony.* Reports the **Middle Name** from the person's most recent Identity record. • This does **NOT** consider legal information. We only report based on the preferred information.	C	Identities	Identity .middleName	✅
7	sexDescriptor (*string*)	*A person's gender.* Reports the **Gender** from the person's most recent Identity record. • This does **NOT** consider legal information. We only report based on the preferred information. • Male reports **Male**. • Female reports **Female**. • All other codes report **Not Selected**. ○ This will error. This is by design to indicate that the Gender selected cannot be reported.	C	Identities	Identity .gender	✅

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8	classroomVolunteerDescriptor (*string*)	*Classification of classroon volunteer capacity of a parent. E.g., Full-time volunteer or part-time volunteer. General purpose but intially implemented for Early Education.* Reports the Ed-Fi Code mapped to the value selected for **Participant Type**. • This mapping can be found in the Resource Preferences of the Ed-Fi Connection under the Parents resource. • Does not report if Participant Type is NULL or not mapped to an Ed-Fi Code.	C	Early Education	EarlyEducationMN . participantType	EXT
9	birthDate (*date*)	*The month, day, and year on which the parent was born.* Reports the **Birth Date** from the most recent Identity record. • Does not report if Birth Date is NULL.	C	Identities	Identity .birthdate	EXT
10	householdIncome (*number*)	*Annual income of the household in monetary units.* Reports the **Household Income** from the Early Education record. • Does not report if Household Income is NULL.	C	Early Education	EarlyEducationMN . householdIncome	EXT

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11	householdSize (*number*)	*Number of people in the household.* Reports the **Household Members** from the Early Education record. • Does not report if Household Members is NULL.	C	Early Education	EarlyEducationMN . householdMembers	EXT
12	receivingInterpreterAssistance (*boolean*)	*Is parent is receiving interpreter assistance?* • Reports **True** if Requires Interpreter is checked on the Early Education record. • Reports **False** in all other situations.	C	Early Education	EarlyEducationMN . requireInterpreter	EXT
13	personReference	This data element is optional and does not report.	O	N/A	N/A	N/A
14	addresses	This data element is optional and does not report.	O	N/A	N/A	✖
15	electronicMails	This data element is optional and does not report.	O	N/A	N/A	✖
16	internationalAddresses	This data element is optional and does not report.	O	N/A	N/A	N/A
17	languages	This data element is optional and does not report.	O	N/A	N/A	N/A
18	loginId	This data element is optional and does not report.	O	N/A	N/A	N/A
19	maidenName	This data element is optional and does not report.	O	N/A	N/A	N/A

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20	otherNames	This data element is optional and does not report.	O	N/A	N/A	N/A
21	personalIdentificationDocuments	This data element is optional and does not report.	O	N/A	N/A	N/A
22	personalTitlePrefix	This data element is optional and does not report.	O	N/A	N/A	N/A
23	telephones	This data element is optional and does not report.	O	N/A	N/A	✖

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Appendix

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