

Core Ed-Fi Suite v3.6.1, Data Standard v4.0: Parents

January
2025

Core Ed-Fi Suite v3.6.1, Data Standard v4.0: Parents

Table of Contents

- [Summary](#)
- [Object Triggering Logic](#)
- [Required Resources \(Upstream\)](#)
- [Dependent Resources \(Downstream\)](#)
- [Error Log](#)
- [Object Data Elements Logic](#)
- [Appendix](#)

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 | <p>Reports a record when Guardian is checked AND at least one related person is a student.</p> <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> ◦ 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: <ul style="list-style-type: none"> ◦ Guardian has a NULL Ed-Fi ID. ◦ Enrollment No Show - Must apply to all related students. ◦ Calendar Exclude - Must apply to all related students. ◦ School Exclude - Must apply to all related students. |

| | |
|--------------|---|
| Delete /Post | 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. |
| Put | <ul style="list-style-type: none">• When any of the following information is changed on Identity:<ul style="list-style-type: none">○ Identity ID (New Identity)○ Effective Date○ First Name○ Middle Name○ Last Name○ Suffix○ Gender• When any of the following information is changed on Demographics:<ul style="list-style-type: none">○ Ed-Fi ID○ Email○ Email Private○ Secondary Email○ Secondary Email Private○ Cell Phone○ Cell Phone Private○ Other Phone○ Other Phone Private○ Work Phone○ Work Phone Private○ Pager○ Pager Private• When any of the following information is changed on Relationships:<ul style="list-style-type: none">○ Relationship ID (New Relationship)○ Guardian○ Start Date○ End Date• When any of the following information is changed on Household Membership:<ul style="list-style-type: none">○ Household Membership ID (New Household Membership)○ Start Date○ End Date○ Private○ Secondary |

| | |
|--------|---|
| | <ul style="list-style-type: none"> • When any of the following information is changed on Household Location: <ul style="list-style-type: none"> ○ Household Location ID (New Household Location) ○ Start Date ○ End Date ○ Private ○ Secondary ○ Mailing • When any of the following information is changed on Address Information: <ul style="list-style-type: none"> ○ Address ID (New Address) ○ P.O. Box ○ Number ○ Prefix ○ Street ○ Tag ○ Direction ○ Apt ○ City ○ State ○ Zip |
| Delete | <ul style="list-style-type: none"> • 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. |

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- People

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. | <p>An element of the JSON that is required is missing and needs to be added.</p> <ul style="list-style-type: none"> • 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. | <p>A resource that was referenced from a difference resource does not yet exist.</p> <ul style="list-style-type: none"> • 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. |

| | |
|--|--|
| <p>403: Authorization denied. The claim does not have any established relationships with the requested resource.</p> | <p>The key/secret being used does not have permission to send a record for the resource / referenced resource.</p> <ul style="list-style-type: none"> • 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. |
| <p>404: Failed to delete 'RESOURCE'. Record does not exist.</p> | <p>The attempt to delete a specific Ed-Fi record ID in the ODS failed because it did not exist.</p> <ul style="list-style-type: none"> • This error can be ignored. The ID was cleared from the Ed-Fi Identity Mapping Report and will not attempt to delete again. |
| <p>409: A natural key conflict occurred when attempting to create a new resource 'RESOURCE' with a duplicate key.</p> | <p>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.</p> <ul style="list-style-type: none"> • Check for duplicate data in your Campus site. If no duplicate data can be found, report the issue to Campus Support. <ul style="list-style-type: none"> ◦ 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. |
| <p>409: The resource (or a subordinate entity of the resource) cannot be deleted because it is a dependency of the 'RESOURCE' entity.</p> | <p>The resource that the application is attempting to delete is referenced from another entity.</p> <ul style="list-style-type: none"> • 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.

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 (<i>string</i>) | <i>A unique alphanumeric code assigned to a parent.</i> <hr/> Reports the Ed-Fi ID . | M | Demographics | Person .edFiID | ✓ |
| 2 | addresses (<i>array</i>) | <i>An unordered collection of parentAddresses. Parent's address, if different from the student address.</i> <hr/> Reports the following data elements in an array for the Primary Address marked as Mailing. If there is more than one Primary Address marked as Mailing, report the address based on the following priority order: Latest Household Membership Start Date, Latest Address Start Date. | O | Household Membership Related Households Address Information | HouseholdLocation . mailing HouseholdMember . startDate HouseholdLocation . startDate Address .state Address .city Address .zip Address . postOfficeBox | ✓ |

| | | | | | | |
|--|--|--|--|--|--|--|
| | | <ul style="list-style-type: none"> • addressTypeDescriptor <ul style="list-style-type: none"> ◦ Reports Home. • stateAbbreviationDescriptor <ul style="list-style-type: none"> ◦ Reports the State. • city <ul style="list-style-type: none"> ◦ Reports the City. • postalCode <ul style="list-style-type: none"> ◦ Reports the Zip. • streetNameNumber <ul style="list-style-type: none"> ◦ Reports the PO Box + Number + Street + Tag + Prefix + Dir. <ul style="list-style-type: none"> ▪ "PO Box" will only be included if P.O. Box is checked on Address Information. • apartmentRoomSuiteNumber <ul style="list-style-type: none"> ◦ Reports the Apt. • doNotPublishIndicator <ul style="list-style-type: none"> ◦ Reports True when Private is checked on Household Location OR Household Memberships. ◦ Reports False in all other situations. • The following data elements do not report: <ul style="list-style-type: none"> ◦ buildingSiteNumber ◦ congressionalDistrict ◦ countyFIPSCode ◦ latitude ◦ localeDescriptor ◦ longitude ◦ nameOfCounty ◦ periods <ul style="list-style-type: none"> ▪ beginDate ▪ endDate | | | <p>Address .number</p> <p>Address .street</p> <p>Address .tag</p> <p>Address .prefix</p> <p>Address .dir</p> <p>Address .apt</p> <p>HouseholdLocation .private</p> <p>HouseholdMember .private</p> | |
|--|--|--|--|--|--|--|

| | | | | | | |
|---|-------------------------|---|---|--------------|---|---|
| 3 | electronicMails (array) | <p><i>An unordered collection of parentElectronicMails. The numbers, letters, and symbols used to identify an electronic mail (e-mail) user within the network to which the individual or organization belongs.</i></p> <hr/> <p>Reports the following data elements in an array. Do not report if the Email Address is marked as Private.</p> <ul style="list-style-type: none"> • electronicMailTypeDescriptor <ul style="list-style-type: none"> ◦ Reports Home/Personal if reporting the Email. ◦ Reports Work if reporting the Secondary Email. • electronicMailAddress <ul style="list-style-type: none"> ◦ Reports the Email Address of the Email or Secondary Email. • The following data elements do not report: <ul style="list-style-type: none"> ◦ doNotPublishIndicator ◦ primaryEmailAddressIndicator | O | Demographics | <p>Contact .emailPrivate</p> <p>Contact .secondaryEmailPrivate</p> <p>Contact .email</p> <p>Contact .secondaryEmail</p> | ✓ |
| 4 | firstName (string) | <p><i>A name given to an individual at birth, baptism, or during another naming ceremony, or through legal change.</i></p> <hr/> <p>Reports the First Name from the person's most recent Identity record.</p> <ul style="list-style-type: none"> • This does NOT consider legal information. We only report based on the preferred information. | M | Identities | Identity .firstName | ✓ |

| | | | | | | |
|---|--|--|---|------------|----------------------|---|
| 5 | generationCodeSuffix (<i>string</i>) | <p><i>An appendage, if any, used to denote an individual's generation in his family (e.g., Jr., Sr., III).</i></p> <hr/> <p>Reports the Suffix from the person's most recent Identity record.</p> <ul style="list-style-type: none"> • This does NOT consider legal information. We only report based on the preferred information. | O | Identities | Identity .suffix | ✓ |
| 6 | lastSurname (<i>string</i>) | <p><i>The name borne in common by members of a family.</i></p> <hr/> <p>Reports the Last Name from the person's most recent Identity record.</p> <ul style="list-style-type: none"> • This does NOT consider legal information. We only report based on the preferred information. | M | Identities | Identity .lastName | ✓ |
| 7 | middleName (<i>string</i>) | <p><i>A secondary name given to an individual at birth, baptism, or during another naming ceremony.</i></p> <hr/> <p>Reports the Middle Name from the person's most recent Identity record.</p> <ul style="list-style-type: none"> • This does NOT consider legal information. We only report based on the preferred information. | O | Identities | Identity .middleName | ✓ |

| | | | | | | |
|---|---------------------------------|--|---|------------|------------------|---|
| 8 | sexDescriptor (<i>string</i>) | <p><i>A person's gender.</i></p> <hr/> <p>Reports the Gender from the person's most recent Identity record.</p> <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> ◦ This will error. This is by design to indicate that the Gender selected cannot be reported. | O | Identities | Identity .gender | ✓ |
|---|---------------------------------|--|---|------------|------------------|---|

| | | | | | | |
|----|--|--|---|--------------|---|-----|
| 9 | telephones (array) | <p><i>An unordered collection of parentTelephones. The 10-digit telephone number, including the area code, for the person.</i></p> <hr/> <p>Reports the following data elements in an array. Do not report if the Phone is marked as Private.</p> <ul style="list-style-type: none"> • telephoneNumberTypeDescriptor <ul style="list-style-type: none"> ○ Reports Mobile if reporting the Cell Phone. ○ Reports Home if reporting the Other Phone. ○ Reports Work if reporting the Work Phone. ○ Reports Other if reporting the Pager. • telephoneNumber <ul style="list-style-type: none"> ○ Reports the Phone Number of the Cell Phone, Other Phone, Work Phone, or Pager. • The following data elements do not report: <ul style="list-style-type: none"> ○ doNotPublishIndicator ○ orderOfPriority ○ textMessageCapabilityIndicator | O | Demographics | <p>Contact .cellPhone</p> <p>Contact .homePhone</p> <p>Contact .workPhone</p> <p>Contact .pager</p> <p>Contact .cellPhonePrivate</p> <p>Contact .homePhonePrivate</p> <p>Contact .workPhonePrivate</p> <p>Contact .pagerPrivate</p> | ✔ |
| 10 | personReference | This data element is optional and does not report. | O | N/A | N/A | N/A |
| 11 | highestCompletedLevelOfEducationDescriptor | This data element is optional and does not report. | O | N/A | N/A | N/A |
| 12 | internationalAddresses | This data element is optional and does not report. | O | N/A | N/A | N/A |

| | | | | | | |
|----|---------------------------------|--|---|-----|-----|-----|
| 13 | languages | This data element is optional and does not report. | O | N/A | N/A | N/A |
| 14 | loginId | This data element is optional and does not report. | O | N/A | N/A | N/A |
| 15 | maidenName | This data element is optional and does not report. | O | N/A | N/A | N/A |
| 16 | otherNames | This data element is optional and does not report. | O | N/A | N/A | N/A |
| 17 | personalIdentificationDocuments | This data element is optional and does not report. | O | N/A | N/A | N/A |
| 18 | personalTitlePrefix | This data element is optional and does not report. | O | N/A | N/A | N/A |

Appendix