AZ Ed-Fi Suite v7.3, Data Standard v5.2: Student Program Evaluations (SY 25-26)

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Summary

The evaluation results for a student as evaluated in the context of a program.

- This version uses the **core endpoint**.

Object Triggering Logic

Action	Business Rule(s)

Post	Reports a record when a 21 CCLC Program has an Evaluation Date that overlaps the configuration year. • A maximum of one record will report per configuration year. ◦ If there are more than one records that overlap the configuration year, report from the record with the most recent Evaluation Date. • A record is only reported for Enrollments and Programs in the same School Year as the Ed-Fi Connection sending the record. ◦ School Year dates are defined in School Year Setup. ▪ If Start Date is NULL, 07/01/StartYear will be used. ▪ If End Date is NULL, 06/30/EndYear will be used. • Do not send a record if any of the following exclusions are present: ◦ Enrollment No Show ◦ Enrollment State Exclude ◦ Enrollment Grade Exclude from State Reporting ◦ Enrollment Start Status cannot be code "E: NON-SAIS DISRICT USE ONLY!" ◦ Calendar Exclude ◦ School Exclude

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 the following information is updated on the Enrollment:
	  ◦ No Show
	  ◦ State Exclude
	• When the following information is updated on the 21 CCLC Program:
	  ◦ Evaluation Date
	  ◦ Class Participation Rating
	  ◦ Positive Classroom Behavior Rating
	  ◦ Positive Peer Relationships Rating
	• Changes to Resource Preferences mappings **do NOT trigger**. A manual resync must be performed on the resource if mappings are changed.

Delete	• When the Evaluation Date no longer overlaps the configuration year. • When the 21 CCLC Program containing the Evaluation is deleted. • When the student is now excluded in some way. • When a record is in the Ed-Fi Identity Mapping Report but cannot be found on the Campus site.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Local Education Agencies (Pre-Populated)
- Schools (Pre-Populated)
- Program Evaluations (Pre-Populated)
- Program Evaluation Elements (Pre-Populated)
- Staffs
- Students

Dependent Resources (Downstream)

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

- N/A

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.

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.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✅ / ❌ / EXT)
1	**evaluationDate** (*date*)	*The month, day, and year on which the evaluation was conducted.* Reports the **Evaluation Date**.	M	21st CCLC	TwentyFirstCCLC .evaluationDate	EXT
2	educationOrganizationReference (*reference*)	*A reference to the Schools resource associated with the Student Program Evaluation being reported.* Reports the fields that are part of the Natural Key for the Schools resource. • educationOrganizationId = **Ed-Fi School ID**	M	School Information	School .entityID	EXT

3	**programEvaluationReference** (*reference*)	*A reference to the Program Evaluations resource associated with the Student Program Evaluation being reported.* Reports the fields that are part of the Natural Key for the Program Evaluations resource: • programEducationOrganizationId = **District Entity ID** (Override from School Information) ◦ If NULL, reports the **District Entity ID** from District Information • programEvaluationPeriodDescriptor = **Yearly** (Hard-Coded) • programEvaluationTitle = **21st CCLC Annual Performance Report Teacher Survey** (Hard-Coded) • programEvaluationTypeDescriptor = **Teacher Survey** (Hard-Coded) • programName = **21st CCLC** (Hard-Coded) • programTypeDescriptor = **Support Program** (Hard-Coded)	M	N/A	N/A	EXT

4	staffEvaluatorStaffReference (*reference*)	*A reference to the Staffs resource associated with the Student Program Evaluation being reported.* Reports the fields that are part of the Natural Key for the Staffs resource for the staff member selected in **Survey Completed By**.	M	21st CCLC	TwentyFirstCCLC.staffPersonID	EXT
5	**studentReference** (*reference*)	*A reference to the Students resource associated with the Student Program Evaluation being reported.* Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT

6	studentEvaluationElements (*array*)	*An unordered collection of studentProgram EvaluationStudent EvaluationElements. The student's rating and/or rating levels earned for a program evaluation element.* Reports the following elements in an array for each of the evaluation areas: • evaluationElement NumericRating ◦ Reports based on the following table: • programEvaluation ElementReference ◦ programEducation OrganizationId ▪ Reports the **District Entity ID** (Override from School Information) • If NULL, reports the **District Entity ID** from District Information ◦ programEvaluation ElementTitle ▪ Reports **Change in Classroom Participation** for Question 1, **Change in Positive Classroom Behavior** for Question 2, and **Change in Positive Peer Relationships** for Question 3 ◦ programEvaluation PeriodDescriptor ▪ Reports **Yearly**	M	21st CCLC	TwentyFirstCCLC.classParticipation TwentyFirstCCLC.positiveClassroomBehavior TwentyFirstCCLC.positivePeerRelationships	EXT

		◦ programEvaluationTitle ▪ Reports **21st CCLC Annual Performance Report Teacher Survey** ◦ programEvaluation TypeDescriptor ▪ Reports **Teacher Survey** ◦ programName ▪ Reports **21st CCLC** ◦ programTypeDescriptor ▪ Reports **Support Program** • The following data elements do not report: ◦ evaluationElement RatingLevel Descriptor				
7	evaluationDuration	This is optional, does not report	O	N/A	N/A	N/A
8	externalEvaluators	This is optional, does not report	O	N/A	N/A	N/A
9	studentEvaluationObjectives	This is optional, does not report	O	N/A	N/A	N/A
10	summaryEvaluationComment	This is optional, does not report	O	N/A	N/A	N/A
11	summaryEvaluationNumericRating	This is optional, does not report	O	N/A	N/A	N/A
12	summaryEvaluationRatingLevelDescriptor	This is optional, does not report	O	N/A	N/A	N/A

Appendix