NM Ed-Fi Suite v3.5.4, Data Standard v3.3.1-b: NM Student Assessments

November 2024

NM Ed-Fi Suite v3.5.4, Data Standard v3.3.1-b: NM Student Assessments

Table of Contents

Summary

Entity that captures student assessments in a legacy STARs-like format

Object Triggering Logic

Action	Business Rule(s)
Post	Reports when an Assessment is entered for a student **AND** the Assessment Date is within the configuration year. • Do not report a record if the any of the following exclusions are present: ○ Enrollment State Exclude ○ Enrollment No Show ○ Enrollment Grade Exclude from State Reporting ○ Calendar Exclude ○ Calendar Summer School ○ School Exclude • If there are multiple enrollments, use the following priority list to determine which one should report: ○ Primary > Partial > SPED ○ Latest Enrollment ID

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 changed on a student's assessment record:
	   ○ Assessment ID (New Assessment)
	   ○ Date
	   ○ Raw Score
	   ○ Scaled Score
	   ○ Percent
	   ○ Result
	• When the following information is changed on an Assessment's Set-up Information:
	   ○ State Code
	   ○ National Code
	   ○ Subject
	   ○ Scoring Model Code

Delete	• When the student is excluded in some way. • When the student's assessment record is deleted. • When the assessment is deleted. • When the student's assessment record's date is changed to no longer be in the current configuration year.

Transforming K12 Education®

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools (Pre-populated)
- Students / Student School Associations

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
Error code return from Ed-Fi. 400: [message:The request is invalid., modelState:[request.RawScore:[The field RawScore must be between -99999.9999 and 99999.9999.]]].	The Campus field that the "rawScore" data element is reporting out of (see logic below) must match the formats allowed by Ed-Fi. Update the data in your Campus instance to round the score to a value allowed by Ed-Fi or use a "higher priority" field in the reporting logic.
No error. Record is not reporting to state database.	One or more of the data elements that make up the natural key are not present. Ensure that the Subject, Date, and State Code/National Code have a value and are mapped to an Ed-Fi Code. Ensure that the Date is within the year selected on your Ed-Fi Connection.

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	**itemDescription CodeDescriptor** (*string*)	*Code that further describes the assessment.* Reports the Ed-Fi Code mapped to the value selected for **Subject**. - For assessments associated with a State Code or a Federal Code, the Subject field is managed by the Test > State Subject Mapping or Test > Federal Subject Mapping data dictionary respectively. If you are reporting for a State Code or Federal Code assessment and do not have a necessary valid Subject based on state documentation, please contact Campus Support. - For assessments associated with a District Code, the State Subject Mapping/Federal Subject Mapping is not relevant and any code present in the Test > Subject data dictionary can be used.	M	Assessment Center	Test .type	EXT
2	**testDate** (*date*)	*The date the assessment was given* Reports the **Date**.	M	Assessments	TestScore .date	EXT

3	**testDescriptionDescriptor** (*string*)	*Code that defines the assessment.* Reports the Ed-Fi Code mapped to the value selected for **State Code** or **National Code**.	M	Assessment Center	Test .stateCode Test . nationalCode	EXT
4	**educationOrganization Reference** (*reference*)	*A reference to the Schools resource associated with the NM Student Assessment 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
5	**studentReference** (*reference*)	*A reference to the Students resource associated with the NM Student Assessment being reported.* Reports the fields that are part of the Natural Key for the Students resource.	M	N/A	N/A	EXT
6	rawScore (*double*)	*Score of administered test. Need not be a RAW Score.* Report based on the priority order below: • Report the **Raw Score**. • If Raw Score is NULL, report the **Scale Score**. • If Scale Score is NULL, report the **Percent**. • If Percent is NULL, do not report.	C	Assessments	TestScore . rawScore TestScore . scaleScore TestScore . percent	EXT

7	scoringModel CodeDescriptor (*string*)	*The Measurement used to determine the outcomes the respective assessment.* Report the Ed-Fi Code mapped to the value selected for **Scoring Model Code** on the Assessment Information. • Do not report if NULL or not mapped.	C	Assessment Center	Test . stateScoreType1	EXT
8	standardAchieved CodeDescriptor (*string*)	*Indication of whether or not the assessment standard was achieved.* Report the Ed-Fi Code mapped to the value selected for **Result**. • Do not report if NULL or not mapped.	C	Assessment	TestScore .result	EXT

Transforming K12 Education®

Appendix

Transforming K12 Education®