

Tennessee Ed-Fi Data v3.1 - Grading Periods

Last Modified on 10/22/2022 10:36 am CDT

Classic View: System Administration > Ed-Fi

Search Terms: Ed-Fi

This educational entity represents an overall score or assessment tied to a course over a period of time (i.e., the grading period). Student grades are usually a compilation of marks and other scores.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a new Grading Period is created and saved in Resource Preferences and a resync is completed. <ul style="list-style-type: none"> Do not send if the School is marked as Exclude. Do not send if the Calendar is marked as Exclude. Do not send if there are no days for that school.
Post	A District calendar is defined as a calendar of Type D: District. <ul style="list-style-type: none"> Do not report records for calendars of type District.
Put	When the Grading Period Start or End Date is updated and saved and a resync is completed.
Delete	When the Grading Period is removed and saved in Resource Preferences and a resync is completed.
Delete	When the Grading Period is removed from Resource Preferences.
Delete	When the last day record is deleted from the days table.
Delete/Post	When the Grading Period's Grading Period Descriptor or Sequence is edited and saved in the Resource Preferences and a resync is completed.

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	Business Rule
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.
Delete	If a resource is toggled to 'OFF' after data has sent and an action is performed that would trigger a delete, that data will remain in the ODS until a resync is done.
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.

Action	Business Rule
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.
Resync	When doing a resync, look to make sure the Grading Task is still mapped in the Grades Resource Preferences prior to sending.

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	If the Natural Key changes: If the School Number/Ed-Fi School Number changes, a delete/post will occur with the cascading deletes from the School ID Change triggers.
Delete/Post	If the Grading Period Descriptor or Sequence changes and a resync is completed.
Delete/Post	If the natural key changes or the record is deleted, the Sessions Grading Periods reference will be updated.
Delete/Post	If the natural key of Grading Periods changes, all existing dependent data will be deleted or moved to the correct Grading Period. If a grade has not been posted yet and a Grading Period changes, a resync on the Grades resource will need to be completed.
Dependent Resources	Sessions Reference, Grades

Scope Year Logic

This table describes scope year logic of this object.

Logic
<p>Reports the grading periods in the configured year they are aligned to.</p> <ul style="list-style-type: none"> Data will only send for the years that have valid configuration.

Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Grading Task/Grading Periods/Sequence/Start Date/End Date	Grading Period Detail

Identity Mapping Object Key

campusObjectType	Object Key Data Source
EdFiGradingPeriod	edFiGradingPeriodID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
edfiGradingPeriods	Post/Put/Delete	The primary table used for sending data for this resource.

Object Data Elements

This table describes data elements sent within the Grading Periods resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
id	The unique identifier of the resource.		M		
gradingPeriod Descriptor	The name of the grading period.	1. Report the code value from the Grading Period Name selected.	M	System Administration > Ed-Fi > Configuration > Resource Preferences > Grading Periods	edfigradingperiod.name
periodSequence	The sequence of the grading period.	<ol style="list-style-type: none"> 1. Report the period sequence for the Grading Period being reported. 2. The sequence will be auto-generated based on an assigned value. This value can be overwritten if necessary. <ul style="list-style-type: none"> ◦ The sequence can be changed in the individual record as 	M	System Administration > Ed-Fi > Configuration > Resource Preferences > Grading Periods	

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
		<p>long it is unique to the Grading Period Descriptor and School combination.</p> <ul style="list-style-type: none"> ◦ Two Grading Periods in the same school can have the same sequence as long as the Grading Period Descriptor is not the same. ◦ Two Grading Periods in the same school can have the same Grading Period Descriptor as long as the Sequence is not the same. ◦ Two Grading Periods with the same Grading Period Descriptor can have the same sequence as long as they are assigned to different schools. <p>3. The sequence is determined based on the name of the 'number' in the Grading Period Descriptor up to 6. Example 'First</p>			

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
		<p>Semester' will have a sequence of 1, 'First Nine Weeks' will have a sequence of 1.</p> <p>If the Grading Period Descriptor number is over 6 or cannot be determined, a default value of 1 will report.</p>			

Type/Descriptor

▶ [Click here to expand...](#)