Michigan Ed-Fi Data v3.1 - Grading Periods

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Tool Search: 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. • Do not send if the School is marked as Exclude.
Put	When the Grading Period Start or End Date is updated and saved and a resync is completed.
Delete	When a grade is deleted from a Grading Task that is mapped to an Ed-Fi Grade Type.
Delete	When the Grading Period is removed from Resource Preferences.

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.
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
Reports the grading periods in the configured year they are aligned to. • 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
Schools/Calendars/Schedule Structures/Term Schedules	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	Datab
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> Grading Period Descriptor	edfigr name

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Datab

periodSequence	The sequence of the grading period.	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.
		  ○ The sequence can be changed in the individual record as long it is unique to the Grading Period Descriptor and School combination.
		  ○ 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.
		3. The sequence is determined based on the name of the 'number' in the Grading Period Descriptor up to 6. Example 'First Semester' will have a sequence of 1, 'First Nine Weeks' will have a sequence of 1. If the Grading Period Descriptor number is over 6 or cannot be determined, a default value of 1 will report.
			M	System Administration>Ed-Fi > Configuration> Resource Preferences> Grading Periods> Grading Period Sequence	edfigr seque

schoolReference	Provide user information to lookup and link to an existing school record.	1. Reports the natural key of the School resource to which the grading period is aligned.	M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Datab
schoolYearType Reference	A reference to the related SchoolYearType resource.	1. Reports the end year from the calendar the term is reported. 　1. Reports 'XXXX'	M		
beginDate	The start date of the grading period.	1. Report the start date from the Grading Period being reported.	M	System Administration>Ed-Fi > Configuration> Resource Preferences> Grading Periods> Grading Period Start Date	edfigr startD
endDate	The end date of the grading period.	1. Report the end date from the Grading Period being reported.	M	System Administration>Ed-Fi > Configuration> Resource Preferences> Grading Periods> Grading Period End Date	edfigr endDa
totalInstructional Days	The total number of instructional days in the grading period.	1. Count the number of instructional days on the Days tab that occur during the start and end date for the grading period. 　○ If there is more than 1 calendar or schedule structure, report the distinct number of instructional days from all calendars/schedule structures. 　○ Instructional days will not send an update if changed after original post unless a resync is completed.	M	System Administration>Calendar>Calendar>Days	
_etag			O		

Type/Descriptor

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Grading Period Descriptor

Code Value	Description	Namespace	Short Description
First Nine Weeks	First Nine Weeks	uri://ed-fi.org/GradingPeriodDescriptor	First Nine Weeks
Second Nine Weeks	Second Nine Weeks	uri://ed-fi.org/GradingPeriodDescriptor	Second Nine Weeks
Third Nine Weeks	Third Nine Weeks	uri://ed-fi.org/GradingPeriodDescriptor	Third Nine Weeks
Fourth Nine Weeks	Fourth Nine Weeks	uri://ed-fi.org/GradingPeriodDescriptor	Fourth Nine Weeks
First Semester	First Semester	uri://ed-fi.org/GradingPeriodDescriptor	First Semester
Second Semester	Second Semester	uri://ed-fi.org/GradingPeriodDescriptor	Second Semester

Code Value	Description	Namespace	Short Description
First Trimester	First Trimester	uri://ed-fi.org/GradingPeriodDescriptor	First Trimester
Second Trimester	Second Trimester	uri://ed-fi.org/GradingPeriodDescriptor	Second Trimester
Third Trimester	Third Trimester	uri://ed-fi.org/GradingPeriodDescriptor	Third Trimester
First Six Weeks	First Six Weeks	uri://ed-fi.org/GradingPeriodDescriptor	First Six Weeks
Second Six Weeks	Second Six Weeks	uri://ed-fi.org/GradingPeriodDescriptor	Second Six Weeks
Third Six Weeks	Third Six Weeks	uri://ed-fi.org/GradingPeriodDescriptor	Third Six Weeks
Fourth Six Weeks	Fourth Six Weeks	uri://ed-fi.org/GradingPeriodDescriptor	Fourth Six Weeks
Fifth Six Weeks	Fifth Six Weeks	uri://ed-fi.org/GradingPeriodDescriptor	Fifth Six Weeks
Sixth Six Weeks	Sixth Six Weeks	uri://ed-fi.org/GradingPeriodDescriptor	Sixth Six Weeks
First Summer Session	First Summer Session	uri://ed-fi.org/GradingPeriodDescriptor	First Summer Session
Second Summer Session	Second Summer Session	uri://ed-fi.org/GradingPeriodDescriptor	Second Summer Session
Third Summer Session	Third Summer Session	uri://ed-fi.org/GradingPeriodDescriptor	Third Summer Session
Summer Semester	Summer Semester	uri://ed-fi.org/GradingPeriodDescriptor	Summer Semester
End of Year	End of Year	uri://ed-fi.org/GradingPeriodDescriptor	End of Year