Wisconsin Ed-Fi Data v3.3 - Grades

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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 grade is posted to a Grading Task that is mapped to an Ed-Fi Grade Type: • Do not send records if the Ed-Fi Configuration Profile = Choice + Opt in. • Do not send records if the Ed-Fi Configuration Profile = Choice ONLY. • Do not send records if the Calendar is marked Summer School. • Do not report if the Course is marked as Inactive or State Excluded. • Only report from Grading Tasks marked as State Reported and Exclude from Ed-Fi is unchecked with an Ed-Fi Grade Type of Final OR Standards marked as 'State Reported' and 'Final'. * Note: Do not report if the Exclude from Ed-Fi is checked on the Course Grading Task Detail for the course (Scheduling > Courses > Course > Grading Tasks). • Do not send records is the student's enrollment is marked as No Show, State Excluded, or WISE Exclude. • Report only if the State Enrollment Type is Primary or Coursework Only on the student's enrollment. • Do not send if there is a School Override value populated on enrollment that is different from the school for the enrollment record.
Put	When a grade is updated on a Grading Task that is mapped to an Ed-Fi Grade Type.
Put	When a student CTE Program Participation record is created or deleted for a CTE Program in the same cluster as the Course the grade is for.
Put	When a Student CTE Program Participation record in the same cluster as the course for the grade is updated and status is added, changed, or removed.
Delete	When a grade is deleted from a Grading Task that is mapped to an Ed-Fi Grade Type.
Delete	When Grade Type Descriptor is no longer mapped and a resync is performed.
Delete	When the Course is marked Exclude from State Reporting or the Active box is unchecked.
Delete	When the No Show or State Exclude or WISE Exclude check boxes are checked on the Student's enrollment.
Delete	When the State Enrollment Type is changed on the student's enrollment.

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.

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	Natural Key change: If the Natural Key of the Grading Period Reference or Student Section Association changes, a delete/post will occur.
Delete/Post	If the Grade Type Descriptor is changed or removed.

Scope Year Logic

This table describes scope year logic of this object.

Logic
Grades will post to the scope year the course's calendar is 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
Grading Tasks	Grade Type Descriptors

Event Queue Detail

This table describes the Event Queue Detail of this object.

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

Object Data Elements

This table describes data elements sent within the Grades resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Databas
id	The unique identifier of the resource.		M		
gradeTypeDescriptor	The type of grade (e.g., Exam, Final, Grading Period, Progress Report).	1. Report 'Final'.	M		
gradingPeriodReference	A reference to the related GradingPeriod resource	1. Reports the fields that are part of the Natural Key for the Grading Periods resource.	M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Databa:
studentSectionAssociation Reference	A reference to the related Student Section Association resource.	1. Reports the fields that are part of the Natural Key for the Student Section Association resource. If the student has multiple enrollments in the same class, report the id for the most recent studentSectionAssociations resource.	M		
diagnosticStatement	A statement provided by the teacher that provides information in addition to the grade or assessment score.	1. This field is optional, does not report.	O		

letterGradeEarned	A final or interim (grading period) indicator of student performance in a class as submitted by the instructor.	1. Determine if the posted score is an integer or not:
		  ○ If the posted value is not an Integer, then report the posted score here.
		  ○ If the posted value is an Integer, then report in the Numeric Grade Earned field below.
			O	Grading & Standards> Score Groups & Rubrics> Score	gradings

numericGradeEarned	A final or interim (grading period) indicator of student performance in a class as submitted by the instructor.	1. Determine if the posted score is an integer or not:
		  ○ If the posted value is an Integer, then report the posted score.
		  ○ If the posted value is not an Integer, then report in Letter Grade Earned field above.
			O	Grading & Standards> Score Groups & Rubrics> Score	gradings

performanceBaseConversion Descriptor	Pass/ Fail/ Incomeplete Indicator is expected to be submitted for 'CTE' courses and all courses associated to 'CCR'.	1. Report the Ed-Fi value mapped to the grade given. 2. If there is no Ed-Fi value mapped, do not report a record.	M	Grading & Standards > Score Groups & Rubrics > (Score Group) > Ed-Fi Grade Type	

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

certificatedProgramStatus Descriptor (wi_gradeExtension)	**This element does not report for the 2021-22 school year.**
	
	This status is an indication of student's progress towards earning a 'certificate' within the 'certified Career Education Programs (Program Type)}.
	This field is required only when the student is participating in a 'certifiedCareerEducatonProgram' that is associated to a course.
		1. If the course the grade is being reported for has a Cluster/ Career Program Pathway entered
		2. And the course has a Certified Learning Method entered.
		3. And the student has a CTE Program record for the same Cluster,
		4. Then report the Ed-Fi Value for the Status from the student's CTE record.
		  ○ If the status = 'a', Student met the requirements, AND there are grades posted for multiple grading periods within the database config year for the same Cluster/ CTE program, report 'a' on only the last record by date of the grading period.
		    1. On previous records, report 'b'.
		5. If the course does not qualify or if there is no matching CTE record, report blank.
		6. If a student is in two different courses, then report the status for each.
			O	Student Information > Academic Planning > Career Tech Program > Status	

Type/Descriptor

▶ Click here to expand...

Grade Type Descriptors

Code Value	Description	Short Description
Conduct	Conduct	Conduct
Final	Final	Final
Semester	Semester	Semester
Exam	Exam	Exam
Grading Period	Grading Period	Grading Period
Mid-Term Grade	Mid-Term Grade	Mid-Term Grade
Progress Report	Progress Report	Progress Report

Performance Base

Code	Short Description	Description
P	Pass	Passing grade earned for coursework based on local standards and policy.
F	Fail	Failing grade earned for coursework based on local standards and policy.
N	Not Completed	No grade earned for a course in which a grade may be earned. The student is ineligible to receive a grade earned or course credits.
NG	Not Graded	Coursework for which no grade(including pass/fail) may be earned.

Certified Program Status (Does not report in 2021-22 school year)

Code	Short Description	Description
A	Completed with Certificate	Student met the requirements of the certificated program and was or is to be awarded a certificate
B	Continuing	Student is continuing in the certificated program
C	Exited	Student has left the certificated program before completion
D	Completed without Cerificate	Student completed program but did not meet the requirements for the certificate