

# Wisconsin Ed-Fi Data v3.5 - Student Academic Records

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Tool Search: Ed-Fi

This educational entity represents the cumulative record of academic achievement for a student.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>Report a Student Academic Record for students in grade levels 9-12 who have a Student School Association record for the scope year without diploma array if Diploma Date is not populated (Public only).</p> <ul style="list-style-type: none"> <li>• If a student has multiple Student School Associations, report a Student Academic Record for each if they are in different schools.</li> <li>• Report a Student Academic Record with diploma array when the Diploma Date and Diploma Type are populated for the scope year, even when the diploma period is 'Summer'. <ul style="list-style-type: none"> <li>◦ If diploma period = 'SU', then report in the config year that is equal to the graduation date year</li> <li>◦ Otherwise, report in the config year that is equal to the end year of the Top Enrollment that meets all of the other criteria, and where the graduation date falls within the start and end dates of the School Year the Enrollment is in.</li> </ul> </li> </ul>
Post	<p>When a student is given a Diploma Date and Diploma Type.</p> <ul style="list-style-type: none"> <li>• Report only for an enrollment with WI State Enrollment Type = Primary.</li> <li>• If Ed-Fi Configuration Profile = Choice + Opt in report a record for all eligible students if Choice = Yes or No on the student's enrollment. - Only send a record when student is given a Diploma Date and Diploma Type in the config year.</li> <li>• If Ed-Fi Configuration Profile = Choice AND Choice = No on Student enrollment, do not report a record.</li> <li>• Do not send a record driven from any enrollment with: <ul style="list-style-type: none"> <li>◦ WISE Exclude checked</li> <li>◦ State Exclude checked</li> <li>◦ No Show checked</li> </ul> </li> <li>• If Ed-Fi Configuration Profile = Choice AND Choice is changed from No to Yes on Student enrollment and saved, post a new record when student has a Diploma Date and Diploma Type in the config year .</li> <li>• Do not send a record if enrollment is in a calendar marked as State Exclude or in a School marked Exclude.</li> <li>• Do not send a record if enrollment is in a calendar marked as State Exclude, No Show, or WISE Exclude.</li> </ul>
Delete	When the State Exclude, WISE Exclude, or No Show checkboxes are checked.

## 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	Trigger
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.

Action	Trigger
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	If any part of the Natural Key Changes <ul style="list-style-type: none"> <li>If the District Number changes all data will remain under the old number. The delete tool would need to be used to remove all old data.</li> </ul>
Delete/Post	If an Ed-Fi ID changes, this will happen with the cascading deletes from the Ed-Fi ID Change trigger.
Delete/Post	If the End Year the transcript record or diploma record is aligned to changes.
Delete/Post	If the Term Descriptor is changed.
Delete/Post	If the natural key changes all dependent resources will delete/post.
Dependent Resources	Course Transcripts

## Scope Year Logic

This table describes scope year logic of this object.

Logic
Records will send to each scope year in which the Course Transcript record is posted.
Records will only post to the Student Academic Records for the year the diploma date occurs in but Student Academic Records will post to all scoped years. <ul style="list-style-type: none"> <li>The Diploma Date must be on or after the school year's start date and on or before the school year's end date defined in the School Years editor. If blank, the default start date of 7/1/xxxx and end date of 6/30/xxxx are used.</li> </ul>
Data will only send for years that have a valid configuration.

## Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Ed-Fi Transcript Term Override	Term Descriptor for Course Transcripts
Graduation Diploma Type	Diploma Type Descriptors
Graduation Diploma Type	Achievement Category Descriptors

## Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
transcriptcourse	Post/Put/Delete	The primary table used for sending data for this resource.
graduation	Post/Put/Delete	The primary table used for sending data for this resource.
transcriptcredit	Put	cumulativeAttemptedCredits, cumulativeEarnedCredits, sessionAttemptedCredits, sessionEarnedCredits

## Object Data Elements

This table describes data elements sent within the Student Academic Records resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Data Field
id	The unique identifier of the resource.		M		
termDescriptor	The term for the session during the school year.	<ol style="list-style-type: none"> <li>If Diploma Data is reporting, report 'A' for Annual.</li> <li>Otherwise report 'S1'.</li> </ol>	M		
educationOrganizationReference	A reference to the related Education Organization resource.	<ol style="list-style-type: none"> <li>If the School Override is set on the associated enrollment, report the school ID from the Override.</li> <li>Report the School ID for the school the student is enrolled in for the config year. <ul style="list-style-type: none"> <li>If the student has more than 1 enrollment in more than 1 school, report the school from the primary enrollment.</li> <li>If enrollment types are the same, report from most recent end date.</li> </ul> </li> <li>When Diploma Date and Diploma Type fields are populated: <ul style="list-style-type: none"> <li>Report the School ID that the student graduated from. First determine the associated enrollment. <ul style="list-style-type: none"> <li>If the Diploma</li> </ul> </li> </ul> </li> </ol>	M	System Administration > Resources > School > School Editor > School Detail > Ed-Fi School Number	

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Data Field
		<p>Date falls within a student's enrollment report from that enrollment.</p> <ul style="list-style-type: none"> <li>▪ If the Diploma Date falls outside of a student's enrollment, report the school from the most recent enrollment.</li> <li>▪ If the student has more than 1 enrollment in more than 1 school report the school from the primary enrollment.</li> <li>▪ If enrollment types are the same, report from most recent end date.</li> </ul> <p>4. Otherwise, report the school ID for the enrollment school.</p>			
<b>schoolYearType Reference</b>	A reference to the related SchoolYearType resource.	<ol style="list-style-type: none"> <li>1. Reports the end year for the transcript record being reported</li> <li>2. Reports the end year in which the Diploma Date is aligned.</li> </ol>	M		
<b>studentReference</b>	A reference to the related Student resource.	Reports the fields that are part of the Natural Key for the Student resource.	M		
academicHonors	An unordered collection of studentAcademicRecordAcademicHonors. This educational entity represents the cumulative record of academic achievement for a student.	This is optional, does not report.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Data Field
classRanking	This educational entity represents the cumulative record of academic achievement for a student.	This is optional, does not report.	O		
cumulativeEarnedCreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.	This is optional, does not report.	O		
cumulativeAttemptedCredits	The cumulative number of credits an individual earns by completing courses or examinations during his or her enrollment in the current school as well as those credits transferred from schools in which the individual had been previously enrolled.	This is optional, does not report.	O		
cumulativeAttemptedCreditTypeDescriptor	The type of credits or units of value awarded for the completion of a course.	This is optional, does not report.	O		
cumulativeAttemptedCreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.	This is optional, does not report.	O		
cumulativeEarnedCredits	The cumulative number of credits an individual earns by completing courses or examinations during his or her enrollment in the current school as well as those credits transferred from schools in which the individual had been previously enrolled.	This is optional, does not report.	O		
cumulativeEarnedCreditTypeDescriptor	The type of credits or units of value awarded for the completion of a course.	This is optional, does not report.	O		
cumulativeGradePointAverage	A measure of average performance in all courses taken by an individual during his or her school career as determined for record-keeping purposes. This is obtained by dividing the total grade points received by the total number of credits attempted. This usually includes grade points received and credits attempted in his or her current school as well as those transferred from schools in which the individual was previously enrolled.	This is optional, does not report.	O		
cumulativeGradePointsEarned	The cumulative number of grade points an individual earns by successfully completing courses or examinations during his or her enrollment in the current school as well as those transferred from schools in which the individual had been previously enrolled.	This is optional, does not report.	O		
diplomas	An unordered collection of studentAcademicRecordDiplomas. This educational entity represents the cumulative record of academic achievement for a student.	See Array data below for requirements.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Data Field
gradeValueQualifier	The scale of equivalents, if applicable, for grades awarded as indicators of performance in schoolwork. For example, numerical equivalents for letter grades used in determining a student's Grade Point Average (A=4, B=3, C=2, D=1 in a four-point system) or letter equivalents for percentage grades (90-100%=A, 80-90%=B, etc.).	This is optional, does not report.	O		
projectedGraduationDate	The month and year the student is projected to graduate.	This is optional, does not report.	O		
recognitions	An unordered collection of studentAcademicRecordRecognitions. This educational entity represents the cumulative record of academic achievement for a student.	This is optional, does not report.	O		
reportCards	An unordered collection of studentAcademicRecordReportCards. This educational entity represents the cumulative record of academic achievement for a student.	This is optional, does not report.	O		
sessionAttemptedCreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.	This is optional, does not report.	O		
sessionAttemptedCredits	The number of an credits an individual attempted to earn in this session.	This is optional, does not report.	O		
sessionAttemptedCreditTypeDescriptor	Key for Credit.	This is optional, does not report.	O		
sessionEarnedCreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units.	This is optional, does not report.	O		
sessionEarnedCredits	The number of an credits an individual earned in this session.	This is optional, does not report.	O		
sessionEarnedCreditTypeDescriptor	Key for Credit.	This is optional, does not report.	O		
sessionGradePointsEarned	The number of grade points an individual earned for this session.	This is optional, does not report.	O		
sessionGradePointAverage	The grade point average for an individual computed as the grade points earned during the session divided by the number of credits attempted.	This is optional, does not report.	O		
etag	A unique system-generated value that identifies the version of the resource.	This is optional, does not report.	O		

## Arrays

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