CWCS Student Extract (Wisconsin)

Last Modified on 02/06/2026 8:34 am CST

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Tool Search: ISES Extract

The CWCS (Coursework Completion System) Student Extract captures student-level transcript information, including courses completed and grades earned.

> This report is no longer collected by the Department of Public Instruction, and remains within Campus for retrieval of historical data which can be sent to the state for auditing purposes.
>
> Users should submit data to the state via Ed-Fi functionality. For more information about Ed-Fi, see the following articles:
>
> - [Wisconsin Ed-Fi Data](#)
> - [Wisconsin Ed-Fi Setup Checklist](#)

ISES CWCS Extract Editor

Report Logic

The CWCS Student Extract reports a student and the course(s) they have completed and earned a mark in the CWCS Reporting Term being generated. A student may have only one record per sectionID per Term.

The mark the student earns must be from a Score Group tied to a state reported Grading Task or Standard. When the Score Group is not tied to a state reported Grading Task or Standard, a record is not generated for the course section associated with the score group. A record will not report for students who have No Show flag, State Exclude flag, or CWCS Exclude flag not NULL.

A record will not report when:

- The selected Calendar is flagged as either Exclude or Summer School.
- Grade Level is flagged as Exclude from state reporting.
- The student is marked as No Show, State Exclude or CWCS.
- The student is in a Course with either the Course Exclude checkbox marked or the Active checkbox is NULL.

CWCS Student Extract Data Structure

The following image represents how data is organized in the CWCS Student Extract.

Extract Data Structure with Multiple Schools
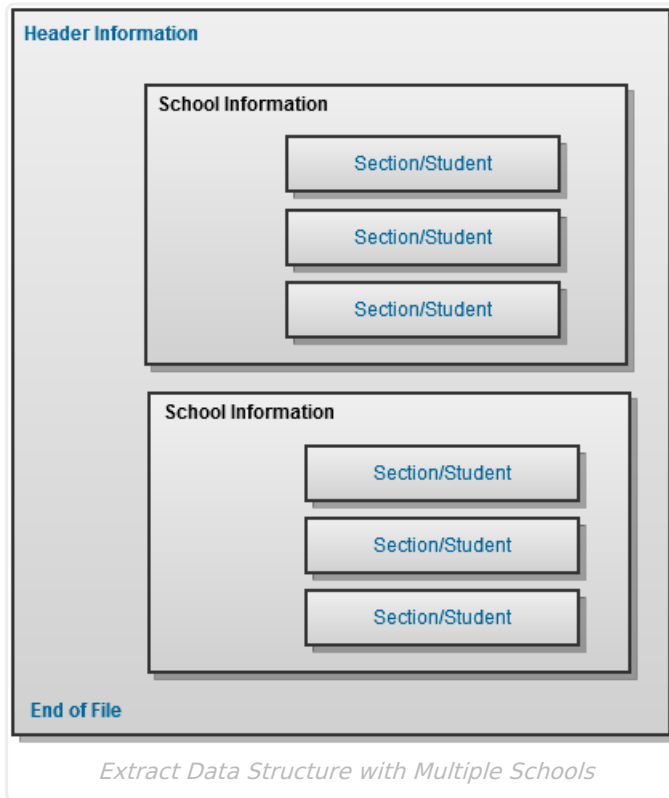
Report Editor Field Descriptions

Field	Description
School Number	This number is attached to the file name of the generated extract and serves as an identifier. When more than one school is selected, the School Number is **0000**.
Extract Type	Indicates what extract generated. Select **CWCS Student**. The following extract types are also available: • ISES Discipline Extract (Wisconsin) • CWCS Course and Teacher

Field	Description
Extract Sequence Number	This number is attached to the file name of the extract and is used to identify the number of times the extract has been submitted to the State (i.e., an Extract Sequence Number of 00004 would indicate the extract has been submitted to the State three times prior and this extract is to be considered the fourth and most recent).
CWCS Collection	Reports the selected Collection Option from the Extract Editor.
CWCS Reporting Term	The options in the field CWCS Reporting Term is an indicator for when the course is offered.
Format	Extracts can be generated in either the State Format (XML), HTML, CSV or CSV Detail. • Use the HTML or CSV options for testing and review prior to submission to the state. Use the State Format (XML) for the final submission. • Use the CSV Detail Format for testing and reviewing specific student data and course information. The Detail option prints student names and course/section information in addition to the other fields in the layout. When generating the extract in the State Format, use the Validating an XML File against a Schema File for guidance.
Selection Calendars	At least one calendar needs to be selected in order to generate the ISES Extract. Multiple calendars can be chosen by using the CTRL and SHIFT keys. It is advised that not all calendars be chosen at once due to the amount of data that is returned in the extracts
Student Selection	Select students to include on the report by choosing either a **Grade** level of enrollment for the students or an **Ad hoc Filter**. • To include students in all grade levels, choose **All Students** in the Grade Level options. • Selecting an existing ad hoc filter reports only those students or courses included in those filters, if they meet the reporting requirements of the report.
Report Generation	Reports can be generated immediately using the **Generate Report** button. Or, use the **Submit to Batch** button to determine when reports should generate.

Generating the CWCS Student Extract

1. Enter the **School Number** of the selected calendar.
2. Select the **CWCS Student** option from the **Extract Type** dropdown list.
3. Enter the **Extract Sequence Number**.
4. Select the **CWCS Collection** from the dropdown list.
5. Select the **CWCS Reporting Term** from the dropdown list.

6. Select the **Format** of the extract.
7. Select the desired school calendar.
8. If desired, select an **Ad hoc Filter** to report **Course/Section** information.
9. Click the **Generate Extract** button to generate the extract immediately. Or, click the **Submit to Batch** button to save the report generation until a specified time.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE CWCS_TRANS SYSTEM "TR_CWCSWS.DTD">
- <CWCS_TRANS>
    <DTG>01-16-2015 07:37:53 CST</DTG>
    <SEQ_NUM>00001</SEQ_NUM>
    <COLLECTION>CW1</COLLECTION>
    <DISTRICT>0000</DISTRICT>
  - <SCHOOLS>
      <SCHOOL>0000</SCHOOL>
      <RECORD_TYPE>WS</RECORD_TYPE>
      <YEAR>2015</YEAR>
      <TERM>1S</TERM>
    - <STUDENT>
        <SECTION_ID>34279</SECTION_ID>
        <WSN_ID>123456789 </WSN_ID>
        <ENROLL_DATE>09/01/2011</ENROLL_DATE>
        <GRADE>12</GRADE>
        <COMPLETION_STATUS>P</COMPLETION_STATUS>
        <HS_CREDIT_EARNED>0.500</HS_CREDIT_EARNED>
        <COLG_CREDIT_EARNED>0.000</COLG_CREDIT_EARNED>
        <GRADE_EARNED>4.00</GRADE_EARNED>
        <COURSE_OPTS_DISTRICT>NA</COURSE_OPTS_DISTRICT>
        <WSLS_SCHOOL>0000</WSLS_SCHOOL>
      </STUDENT>
    - <STUDENT>
```

CWCS Student Extract - State Format (XML)

CWCS Course Records:154

SCHOOL	RECORD_TYPE	YEAR	TERM	SECTION_ID	WSN_ID	ENROLL_DATE	GRADE	COMPLETION_STATUS	HS_CR
0120	WS	2012	1S	97761	123456789	07/01/2011	11	P	0.000
0120	WS	2012	1S	97761	234567890	01/11/2010	12	P	0.000
0120	WS	2012	1S	97761	345678901	04/04/2011	09	P	0.000
0120	WS	2012	1S	97761	456789012	04/04/2011	09	P	0.000
0120	WS	2012	1S	97761	567890123	09/01/2011	09	P	0.000
0120	WS	2012	1S	97761	678901234	09/01/2009	11	P	0.000
0120	WS	2012	1S	97761	789012345	09/01/2010	10	P	0.000
0120	WS	2012	1S	97762	890123456	09/01/2005	12	P	0.000
0120	WS	2012	1S	97762	901234567	07/01/2011	11	P	0.000
0120	WS	2012	1S	97762	012345678	07/01/2011	11	P	0.000

CWCS Student Extract - HTML Format

CWCS Student Extract - CSV Format

CWCS Student Extract - CSV Detail Format

CWCS Student Extract Layout

This information applies to the State Format (XML), HTML and CSV Format types. See the CWCS Student Extract Detail Layout for information on the CSV Detail Format.

The following tables define the elements and logic included in the CWCS Student Extract.

Header/Footer Information

Header	Extract Format	Description	Format
CWCS_TRANS	XML	XML header	N/A
DTG	CSV and XML	Reports the time the extract was generated	MM-DD-YYYY HH:MM:SS Timezone
SEQ_NUM	CSV and XML	Sequence number for file being generated as entered on the Extract Editor.	Numeric, 5 digits
COLLECTION	CSV and XML	Reports the selected Collection option from the Extract editor.	Alphanumeric

Header	Extract Format	Description	Format
DISTRICT	CSV and XML	District submitting the extract.	Numeric, 4 digits
SCHOOLS	CSV and XML	Lists the schools included in the extract	N/A

Extract Layout

Element Name	Description	Location
School Elements		
School	Indicates the school from where data is coming. *Numeric, 4 digits*	School Information > School Number School.number
Record Type	Always reports WS. *Alphanumeric, 2 digits*	N/A
Year	Reports Year End. Example, report '2011' when 2010-2011 school year is generated. *Numeric, 4 digits*	Calendar End.year

Element Name	Description	Location
Term	An Indicator for when the course is offered. Reports from the term selected on the extract editor. The following codes report: • 1B: 1st Block • 2B: 2nd Block • 3B: 3rd Block • 4B: 4th Block • 5B: 5th Block • 6B: 6th Block • 7B: 7th Block • 8B: 8th Block • 9B 9th Block • 10B: 10th Block • 1S: 1st Semester • 2S: 2nd Semester • 1T: 1st Trimester • 2T: 2nd Trimester • 3T: 3rd Trimester • 1Q: 1st Quarter • 2Q: 2nd Quarter • 3Q: 3rd Quarter • 4Q: 4th Quarter • A: Annual Only one term may be submitted per file. *Alphanumeric, 2 characters*	N/A
Header for Student	Includes one student record for each section ID and WSN ID combination.	N/A
Student Elements		
Section ID	Unique identifier defined by the district to differentiate courses into units associated with a specific teacher or group of teachers and a specific group of students. *Alphanumeric, 25 characters*	Courses > Section Editor > SectionID Section.sectionID

Element Name	Description	Location
Section Number *CSV Detail Only*	Reports the assigned section number of the reported section. This field only displays in the **CSV Detail Format**. *Numeric, 3 characters*	Course > Section > Number Section.number
Local Course Name *CSV Detail Only*	Lists the name of the course into which the student is enrolled. This field only displays in the **CSV Detail Format**. *Alphanumeric, 25 characters*	Course > Name Course.name
WSN ID	Wisconsin Student ID. *Numeric, 10 characters*	Demographics > State ID Person.StateID
Student Last Name *CSV Detail Only*	Reports the student's last name. This field only displays in the **CSV Detail Format**. *Alphanumeric, 50 characters*	Demographics > Last Name Identity.lastName
Student First Name *CSV Detail Only*	Reports the student's first name. This field only displays in the **CSV Detail Format**. *Alphanumeric, 50 characters*	Demographics > First Name Identity.firstName

Element Name	Description	Location
Enroll Date	The first day of enrollment in a particular school ID with no lapse in enrollment is reported. The true enrollment date is reported. • The Enrollment Date is determined by the most recent enrollment record, by start date, where the End Status if not NULL.This is the End Status Enrollment. • If no enrollment applies, the Start Date from the earliest enrollment in the same school by start date reports; OR if the enrollment applies, the Start Date from the next earliest enrollment in the same school reports. The following enrollments are excluded: enrollments from calendars marked "SS: Summer School", No Show, WSLS/ISES Exclude, or State Exclude, or which are Calendar or Grade Level excluded. Reports the Enrollment Date for the WSLS School that holds the student's WSN when the school does not equal the WSLS School. *Numeric, 10 characters (MM/DD/YYYY)*	Enrollments > Start Date Enrollment.Start =Date

Element Name	Description	Location
Grade	The State Grade Level Code associated with grade in which the student is enrolled. Valid values include the following: • K3: 3 Year Old Kindergarten • K4: 4 Year Old Kindergarten • PK: Pre-Kindergarten • KG: 5 Year Old Kindergarten • 01: First Grade • 02: Second Grade • 03: Third Grade • 04: Fourth Grade • 05: Fifth Grade • 06: Sixth Grade • 07: Seventh Grade • 08: Eighth Grade • 09: Ninth Grade • 10: Tenth Grade • 11: Eleventh Grade • 12: Twelfth Grade *Alphanumeric, 2 characters*	Enrollments > Grade Enrollment.grade Grade Levels > State Grade Level Code GradeLevel.stateGrade
Completion Status	Reports the CWCS Completion Status value mapped to the grade the student earned. The student is not reported if a Grading Task is not tied to a State Reported Grading Task or Standard. Reports one of the following scores: • P - Pass • F - Fail • I - Incomplete • NA - Not Applicable • WD - Withdrawal or Dropped • CBC - Pass (CBC) • O - Pass (Other) • CNA - Not Applicable (CBC) • ONA - Not Applicable (Other) *Alphanumeric, 2 characters*	Score Groups & Rubrics > Score Group List Items Detail > State Score Grading Tasks > Grading Task/Standards Bank Detail > State Reported ScoreListItem.state Score

Element Name	Description	Location
High School Credit Earned	The number of credits that can be applied toward the requirements for a diploma, certificate, or other formal award. If the student does not have a credit, reports 0.000. The State Reported field cannot be flagged. *Numeric, 5,3 (NN.NNN)*	Value is generated from the following calculation: gradingTaskCredit tied to Grade Earned (x) CreditCoefficient Grades Grading Task > Credit Score Groups & Rubrics > Score Group List Items Detail > Credit Coeff ScoreListItem.creditCoefficient GradingTaskCredit.credit
College Credit Earned	The number of credits that can be applied toward college requirements. If the student does not have a credit, reports 0.000. The State Reported field cannot be flagged. *Numeric, 5,3 (NN.NNN)*	Grades Grading Tasks > Grading Task Detail > Code = CC GradingScore.score

Grade Earned	Reports the numeric GPA value associated with the grading task's Score Group/Standard Rubric Score list item.
	If the score list item does not have a GPA value populated:
	• This field reports based on the CWCS Completion Status of the grading score;
	  ◦ Reports **CBC** when the CWCS Completion Status = **CBC: Pass (CBC)** or **CNA: Not Applicable (CBC)**
	  ◦ Reports **O** when the CWCS Completion Status = **O: Pass (Other)** or **ONA: Not Applicable (Other)**
	  ◦ Reports **NA** when the CWCS Completion
		Grades
		
		Courses > Grading Task
		
		Score Groups & Rubrics > Unweighted GPA Value
		
		Grading Tasks > State Reported checkbox
		
		Courses > Standard
		
		Standards Bank > State Reported
		
		ScoreListItem.score ScoreListItem.unweightedGPAValue

Element Name	Description	Location
	Status = **I: Incomplete, NA: Not Applicable** or **WD: Withdrawal or Dropped** • When the CWCS Completion Status = P: Pass; ○ Reports **E** when the grading score Name = **Exempt** ○ Reports **O** when the grading score Name = **Other** ○ Reports **NA** when the grading score Name = **NA** ○ Reports **NA** when the grading score Name = **Not Applicable** • Otherwise, this field reports 0. If the score is associated with a standard's Rubric score list item, this field reports **CBC**. *Alphanumeric, 4 characters*	
Course Options District	Reports the 4-digit code selected under Course Options District on the section. Reports NA when Course Options District on the section is blank. *Alphanumeric, 4 characters*	N/A

Element Name	Description	Location
WSLS School	Identifies the school code where the student is enrolled. If there are more than one Primary enrollments, a record will generate for each school. If the student does not have an enrollment Service Type P (Primary) and only has S (Partial) or N (Special Education) in the term being reported, reports the State School Number at that school. *Alphanumeric, 4 characters*	School Information > School Number School.number