

# KIDS STCO Extract (Kansas)

Last Modified on 12/14/2025 8:45 pm CST

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Tool Search: KIDS STCO

The Student Course (STCO) extract collects data regarding courses in which students are enrolled, including teacher and grade information.

KIDS STCO ☆

Reporting > KS State Reporting > KIDS STCO

KS KIDS STCO Extract

This extract replaces the SCRS collection extract. The SCRS collection extract is being discontinued after the 2011-2012 academic year.

The Student Course (STCO) data collection focuses on providing links among the courses students take during the school year, including the educator teaching the course and the outcome in the course. STCO Records should be submitted as soon as possible after a grade is determined. STCO Records must be submitted in a batch by themselves-they cannot be mixed in a KIDS batch with other record types.

Select the calendars that this report should run for, as well as the effective date. The Effective date will be set to the current date by default. Choose the State Format to get the file in the state defined file format, otherwise choose one of the testing/debugging formats.

Extract Options

Effective Date

06/26/2024

Student Ad Hoc Filter

Course Ad Hoc Filter

Format

State Format(Tab Delimited)

Maximum Records Per File(state format only)

20000

Generate Extract

Select Calendars

Which calendar(s) would you like to include in the report?

☒ active year
 ☐ list by school
 ☐ list by year

23-24

23-24 SUMMER PROGRAMS  
 AA 2023-2024  
 AMS 2023-2024  
 BL 2023-2024  
 CHPS 2023-2024  
 EF 2023-2024  
 EMS 2023-2024  
 FB 2023-2024  
 FHC 2023-2024  
 LEE 2023-2024  
 MAR 2023-2024  
 MCS 2023-2024  
 MHS 2023-2024  
 MJC 2023-2024  
 MVA 2023-2024  
 NV 2023-2024  
 OB 2023-2024  
 OG 2023-2024  
 PAT 2023-2024  
 TR 2023-2024  
 VWV 2023-2024

CTRL-click or SHIFT-click to select multiple

## Report Logic

[Migrant Students, Virtual Education Students, and Career Tech Students](#) | [Course Status](#)

Each term in which a grading task is scheduled, and each grading task or standard marked as State Reported for each student who has been enrolled in the course during the calendar(s) selected on the extract editor produces a record. One-time grading tasks or standards report once per student.

Each grading task or standard/section combination produces one record per student. If the student dropped, then re-enrolled in a course, only the most recent enrollment status and completion status report.

Students and courses marked State Exclude do not report.

If an Ad hoc Filter is chosen in the report editor, only students or courses identified by that filter report.

Multiple files should be generated to include all records if an inadequate Maximum Records Per File number is chosen.

Courses do not report when they are marked as Course Exclude. Students do not report when their enrollment is marked as State Exclude, their grade level is marked as State Exclude or they are enrolled in a calendar marked as State Exclude.

## Migrant Students, Virtual Education Students, and Career Tech Students

- Migrant students are included when the Migrant Indicator on the enrollment record is set to 1: Currently a Migrant Student as of the entered effective date of the report.
- Virtual education students are included when the Virtual Ed Student on the enrollment is set to 1: Current Virtual Ed Student and the student is older than 19 as of the entered effective date of the report.
- Career Tech students are included on the report when they are scheduled into courses with a specific College/Career Type setting (marked on the Course Custom Data Elements editor). F, C, L and X are the only course codes that report. All CTE courses for students report whether or not they received a passing grade. Only a posted grade is necessary.

## Course Status

The course status field reports the students progress in the selected calendar. This is a calculated value, based on the student's letter grade in the course.

The following table lists the business logic for the reported values.

Reported Value	Reports When
00	<p>The student does not have a grade for a grading task or standard being reported, and the student has not dropped the course or left the school, and the effective date of the report is prior to the end of the course.</p> <p>The student must be marked as a migrant student in order to report this value.</p>
01	<ul style="list-style-type: none"> <li>• The student has a letter grade for a grading task or standard being reported, and</li> <li>• The letter grade is marked as passing as of the effective date selected in the extract editor.</li> </ul> <p>The logic looks at the score group/rubric used in the grading task or standard to determine if the grade is a passing score.</p>

Reported Value	Reports When
02	<ul style="list-style-type: none"> <li>The student has a letter grade in a grading task or standard being reported, and</li> <li>The letter grade is NOT marked as passing as of the effective date selected in the extract editor.</li> </ul> <p>The logic looks at the score group/rubric used in the grading task or standard to determine if the grade is a passing score.</p>
05	<ul style="list-style-type: none"> <li>The student does NOT have a letter grade for the grading task or standard being reported, and</li> <li>The student has NOT dropped the course or ended his/her enrollment, and</li> <li>The effective date of the report is after the end date of the course</li> </ul>
88	<ul style="list-style-type: none"> <li>The Monitoring Summative Assessments in KITE checkbox is marked on the student roster record.</li> <li>The teacher does NOT have the student at the beginning of the school year.</li> </ul> <p>This value reports IF the district wants the teacher to monitor the student in KITE or if the teacher does have the student in a year-long course. If the district wants the teacher to monitor the student in KITE, the district can select this indicator on the student roster. If the indicator is marked, the record reports 88 regardless of other qualifying course statuses.</p>
99	<ul style="list-style-type: none"> <li>The student has dropped the course before the end date of the course, and</li> <li>There is no letter grade for the course, and</li> <li>The student was NOT present for any time at all during the duration of the course.</li> </ul>

## Report Editor

Field	Description
<b>Effective Date</b>	The date on which data is extracted. The Effective Date is set to the current date by default. Dates are entered in <i>mmddyy</i> format or by clicking the calendar icon and selecting a date.
<b>Student Ad Hoc Filter</b>	If desired, an Ad hoc filter using the Student data type may be selected to further narrow the results. Only students included in this filter are included in the report.
<b>Course Ad Hoc Filter</b>	If desired, an Ad hoc filter using the Course/Section data type may be selected to further narrow the results.
<b>Format</b>	The format in which the extract is generated. Use State Format(Tab Delimited) when submitting to the state; otherwise, use HTML, CSV or XML to review data prior to submission.

Field	Description
<b>Maximum Records Per File (state format only)</b>	The maximum number of records that may be extracted if the report is being generated in State Format (Tab Delimited). This field defaults to 20000.
<b>Select Calendars</b>	The calendars from which data is extracted. At least one calendar must be selected in order to produce an extract.

## Generate the Report

1. Enter an **Effective Date**.
2. Select a **Student Ad Hoc Filter** if needed.
3. Select a **Course Ad Hoc Filter** if needed.
4. Select the appropriate **Format**.
5. Enter a **Maximum Records Per File**.
6. Select the **calendars** to include in the extract.
7. Click **Generate Extract**. The extract displays in the selected format.

```
TH 08/07/2012 10:44:31 134435426111.00 Delimiter=0X09
STCO 5642 Student Eric ALAN 1 01/01/1995 16 123456789 N 2012 11344 10000
11344 G0.0011GGN 11111111 T001 05 Teacher Jones
STCO 5642 Student Eric ALAN 1 01/01/1995 16 123456789 N 2012 11344 10000
11344 G0.0011GGN 11111111 T001 05 Teacher Jones
```

*KIDS SCTO Extract - State Format (Tab Delimited)*

Records:1					
RecordType	ExtractDate	ExtractTime	TransmissionID	Version	Character
TH	08/07/2012	09:56:55	1344351415	11.0	Delimiter=0X09
Records:10810					
RecordType	StudentAYP_QPASchoolIdentifier	StudentLegalLastName	StudentLegalFirstName	StudentLegalMiddleName	S
STCO	5642	Student	John	Alan	
STCO	5642	Student	Luke	Alan	
STCO	5642	Student	Picard	Alan	
STCO	5642	Student	Wayne	Alan	
STCO	5642	Student	Drake		

*KIDS STCO Extract - HTML Format*

	A	B	C	D	E	F	G
1	RecordType	ExtractDate	ExtractTime	TransmissionID	Version	Character	
2	TH	10/1/2014	15:28:52	1.41E+09	11	Delimiter=0X09	
3							
4	RecordType	TransmissionID	Records				
5	TT	1412195332	2				

*KIDS STCO Extract - CSV Format*

```
<record RecordType="TH" ExtractDate="08/07/2012" ExtractTime="10:59:08" TransmissionID="1344355148"
  Version="10.0" Character="Delimiter=0X09" />
</Extract>
- <Extract>
  <record RecordType="STCO" StudentAYP_QPASchoolIdentifier="5642" StudentLegalLastName="student
    StudentLegalFirstName="John" StudentLegalMiddleName="Middle Name"
    StudentGenerationCode="" StudentGender="1" StudentDateOfBirth="01/01/1995" StudentCurrentGradeLevel="16"
    StudentLocalID="123456789" StudentHispanicEthnicity="N" StateStudentIdentifier=" SchoolYear="2012"
    StudentAttendanceSchoolIdentifier="11344" StudentComprehensiveRace="10000" EducatorSchoolIdentifier="111111"
    KCCIdentifier="G0.0011GGN" CourseSection="230561511" LocalCourseID="T001" CourseStatus="05" LetterGrade=""
    PercentGrade="" EducatorIdentifier="" EducatorLastName="Teacher" EducatorFirstName=""
```

KIDS SCTO Extract - XML Format

## Report Layout

[Report Header](#) | [Report Body](#) | [Report Footer](#) | [KCC Identifier Creation](#)

### Report Header

Element	Description
<b>Record Type</b>	2 bytes, must contain the characters TH.
<b>Extract Date</b>	10 bytes, date the export file was created; MM/DD/YY format
<b>Extract Time</b>	8 bytes, time export file was created; HH:MM:SS format
<b>Transmission ID</b>	10 bytes, must match the Transmission ID field in the Footer Record.
<b>Version</b>	10 bytes, always 11.0
<b>Delimiter Character</b>	25 bytes, 0X09 for tab; 0X2C for CSV

### Report Body

Element	Description	Location
<b>Record Type</b>	Indicates the collection to which the record belongs.  Reports as STCO.  <i>Alphanumeric, 4 characters</i>	Not Dynamically Stored

Element	Description	Location
<b>Student AYP/QPA School Identifier</b>	<p>Reports the school number for the calendar being reported where the student is assigned for accountability purposes. The AYPSchool is the school number of the student's enrollment.</p> <p><b>Override</b></p> <ul style="list-style-type: none"> <li>There is an override in Student Information &gt; General &gt; Enrollments &gt; State Reporting Fields &gt; AYP School Override 1. If an override is selected, this information reports.</li> <li>Override 2 should be ignored</li> </ul> <p><i>Numeric, 4 characters</i></p>	<p>School Information &gt; School Detail &gt; State School Number</p> <p>School.number</p> <hr/> <p>Enrollments &gt; State Reporting Fields &gt; AYP School Override 1</p> <p>Enrollment.schoolAYP1</p>
<b>Student Legal Last Name</b>	<p>Reports the last name of the student. If the Legal Last Name field is populated, information reports from that field.</p> <p><i>Alphanumeric, 60 characters</i></p>	<p>Demographics &gt; Person Information &gt; Last Name</p> <p>Identity.lastName</p> <hr/> <p>Identities &gt; Identity Information &gt; Protected Identity Information &gt; Legal Last Name</p> <p>Identity.legalLastName</p>
<b>Student Legal First Name</b>	<p>Reports the first name of the student. If the Legal First Name field is populated, information reports from that field.</p> <p><i>Alphanumeric, 60 characters</i></p>	<p>Demographics &gt; Person Information &gt; First Name</p> <p>Identity.firstName</p> <hr/> <p>Identities &gt; Identity Information &gt; Protected Identity Information &gt; Legal First Name</p> <p>Identity.legalfirstName</p>
<b>Student Legal Middle Name</b>	<p>Identifies the student's legal middle name.</p> <p><i>Alphanumeric, 60 characters</i></p>	<p>Demographics &gt; Person Information &gt; Middle Name</p> <p>Identity.middleName</p>

Element	Description	Location
<b>Student Generation Code</b>	Identifies the student as having a suffix (e.g., Jr., III) assigned to their name.  <i>Alphanumeric, 10 characters</i>	Demographics > Person Information > Suffix  Identity.suffix
<b>Student Gender</b>	Indicates whether the student is male or female. If the Legal Gender field is populated, information reports from that field.  <b>1:</b> Male <b>0:</b> Female  <i>Numeric, 1 digit</i>	Demographics > Person Information > Gender  Identity.gender  Identities > Identity Information > Protected Identity Information > Legal Gender  Identity.legalGender
<b>Student Date of Birth</b>	Identifies the date on which the student was born.  <i>Date Field, 10 characters (MM/DD/YYYY)</i>	Demographics > Person Information > Birth Date  Identity.birthDate
<b>Student Current Grade Level</b>	Identifies the grade in which the student is enrolled. If the student has multiple enrollment records in the same school and the same calendar year, and one or more of those records is ended while another record is active, the current grade level reports from the active enrollment record.  <i>Alphanumeric, 2 characters</i>	Enrollments > Grade Level  Enrollment.grade
<b>Student Local ID</b>	Identifies the unique code assigned to the student by the school.  <i>Alphanumeric, 20 characters</i>	Demographics > Person Information > Student Number  Student.number
<b>Student Hispanic Ethnicity</b>	Indicates whether the student's ethnicity is Hispanic/Latino.  <i>Alphanumeric, 1 character (Y/N)</i>	Demographics > Person Information > Race Ethnicity > Is the individual Hispanic/Latino  Identity.hispanicLatino
<b>State Student Identifier</b>	Identifies the unique number given to the student by the KIDS Assignment System.  <i>Numeric, 10 digits</i>	Demographics > Person Identifiers > State ID  Person.stateID

Element	Description	Location
<b>School Year</b>	Identifies the ending year of the current school year. For example 2011-2012 reports 2012.  <i>Numeric, 4 digits</i>	Calendar > Calendar > End Date  Calendar.endYear
<b>Student Comprehensive Race</b>	Identifies the student's federal race/ethnicity. Options are as follows: <ul style="list-style-type: none"> <li>• <b>10000</b>: White</li> <li>• <b>01000</b>: Native Hawaiian/Pacific Islander</li> <li>• <b>00100</b>: Black</li> <li>• <b>00010</b>: Asian</li> <li>• <b>00001</b>: American Indian/Alaskan Native</li> </ul> <i>Numeric, 5 digits</i>	Demographics > Person Information > Race/Ethnicity > Race  RaceEthnicity.code
<b>Virtual Education Student</b>	Reports the assigned value identifying the student as a virtual education student: <ul style="list-style-type: none"> <li>• 0: Default value</li> <li>• 1: Current Virtual Education Student</li> <li>• 2: Has been V-Ed during current school year</li> <li>• 3: Virtual AP Student</li> </ul> <i>Numeric, 1 digit</i>	Enrollments > State Reporting Fields > Virtual Ed  Enrollment.virtualEd
<b>Migrant Student</b>	Reports whether a student is considered a Migrant student.  <i>Numeric, 1 digit</i>	Enrollments > State Reporting Fields > Migrant Indicator  Enrollment.migrant
<b>Term</b>	Reports the term in which the course was taken and a credit was earned. as follows: <ul style="list-style-type: none"> <li>• S1 = Semester 1</li> <li>• S2 = Semester 2</li> <li>• Q1 = Quarter 1</li> <li>• Q2 = Quarter 2</li> <li>• Q3 = Quarter 3</li> <li>• Q4 = Quarter 4</li> <li>• T1 = Trimester 1</li> <li>• T2 = Trimester 2</li> <li>• T3 = Trimester 3</li> <li>• YR = Year Long</li> <li>• SM = Summer</li> </ul> <p>To report as SM, the Summer flag must be marked on the Calendar and the Section Schedule Placement. If summer is not</p>	Calendar > Terms  Courses > Section > Section Schedule Placement  TermSchedule.name



Element	Description	Location
	<p>marked, and the calendar is set up in quarters:</p> <ul style="list-style-type: none"> <li>• If section is 1 quarter long and scheduled first quarter, reports Q1</li> <li>• If section is 1 quarter long and scheduled second quarter, reports Q2</li> <li>• If section is 1 quarter long and scheduled third quarter, reports Q3</li> <li>• If section is 1 quarter long and scheduled fourth quarter, reports Q4</li> <li>• If the section is 2 quarters long and scheduled quarters 1 and 2, reports S1</li> <li>• If the section is 2 quarters long and scheduled quarters 3 and 4, reports S2</li> <li>• If summer is not marked, and the calendar is set up in semesters: <ul style="list-style-type: none"> <li>◦ If scheduled first semester, reports S1</li> <li>◦ If scheduled second semester, reports S2</li> </ul> </li> <li>• If summer is not marked, and the calendar is set up in trimesters: <ul style="list-style-type: none"> <li>◦ If first 12 week session (Trimester), reports T1</li> <li>◦ If second 12 week session (Trimester), reports T2</li> <li>◦ If third 12 week session (Trimester), reports T3</li> </ul> </li> <li>• If summer is not marked, and the calendar is set up as one year, reports as YR.</li> <li>• If there are multiple term schedules, the term to which the course is linked in the Section Schedule Placement reports.</li> <li>• If the calendar is not set up for one of these term codes, reports NULL.</li> </ul> <p><i>Alphanumeric, 2 characters</i></p>	

Element	Description	Location
<b>KCC Identifier</b>	<p>Identifies the number given to each course the district has mapped in the Kansas Course Code Management System. This value reports from the Credits field on the <a href="#">Grading Task</a> assigned to the course.</p> <ul style="list-style-type: none"> <li>• A Concatenated value reports, see <a href="#">KCC Identifier Creation</a> after this report layout.</li> <li>• When a one-time grading task marked as state reporting does not have a credit value, attached to it, the credit amount is 0.00.</li> <li>• For one-time grading tasks that have a credit value, the credit amount reflects the credit amount listed for the grading task. If the Credit Value is .25, this field reflects the value of .25.</li> </ul> <p><i>Alphanumeric, 17 characters</i></p>	Not Dynamically Stored
<b>Course Section</b>	<p>This number is made up of the course's Section ID, Grading Task ID and the Term Number for the grade being reported.</p> <p><i>Alphanumeric, 30 characters</i></p>	<p>Courses &gt; Section &gt; Section ID</p> <p>Section.sectionID</p> <hr/> <p>Grading Tasks &gt; Grading Task ID</p>
<b>Local Course ID</b>	<p>Identifies the unique number assigned to the course.</p> <p><i>Alphanumeric, 50 characters</i></p>	<p>Courses &gt; Course &gt; Number</p> <p>Course.number</p>

Element	Description	Location
<b>Course Status</b>	<p>Indicates the student's course progress. Progress is determined by the letter grade ONLY that is assigned to the student; percentage values are not used in the calculation. For example:</p> <ul style="list-style-type: none"> <li>If a student's grade is a B and letter grade B is marked as a passing score on the Score Group/Rubric, a value of 01 reports, regardless of the percentage given for that letter grade.</li> <li>If a student's grade is F and letter grade F is not marked as a passing score on the Score Group/Rubric, a value of 02 reports, regardless of the percentage given for that letter grade.</li> </ul> <p>See the <a href="#">Course Status</a> section for more information.</p> <p><i>Numeric, 2 digits</i></p>	Courses > Course > Section > Grading by Task > Task > Student > Score
<b>Letter Grade</b>	<p>Indicates the categorical letter grade level achieved as of the end of the course.</p> <p>This field is required if 1 or 2 is reported for field 20. This does not have to be a letter grade.</p> <p>The student's letter grade is reported from the Grading Task or Standard. The first two characters of the grade are reported.</p> <p><i>Alphanumeric, 2 characters</i></p>	Courses > Course > Section > Grading By Task > Task > Student > Percent/Score
<b>Percent Grade</b>	<p>Percent achieved as of the end of the course from 0 to 100%.</p> <p>This field is required if 1 or 2 is reported for field 20.</p> <p>The student's percentage will be reported from the Grading Task or Standard. The first two characters of the grade are reported, rounded to one decimal.</p> <p><i>Numeric, 5 digits (XXX.X)</i></p>	Courses > Course > Section > Grading By Task > Task > Student > Percent/Score
<b>User Field 1</b>	N/A	N/A

Element	Description	Location
User Field 2	N/A	N/A
User Field 3	N/A	N/A

## Report Footer

Element	Description
Record Type	2 bytes, must contain the characters TT.
Transmission ID	10 bytes, must match the Transmission ID field in the Header Record.
Number of Record	10 bytes, number of records including header and footer records.

## KCC Identifier Creation

Concatenate the following values into a single output (e.g.,02052G0.501214GGN):

Field	Length	Location	Example
Subject Area Code	2 characters	Scheduling > Courses > Course > Subject Area Code  Course.subjectAreaCode	<b>02</b> 052G0.501214GGN
Course Identifier	3 characters	Scheduling > Courses > Course > State Code  Course.stateCode	02 <b>052</b> G0.501214GGN
Course Level	1 character	Scheduling > Courses > Course > Course Level  Course.courseLevel	02052 <b>G</b> 0.501214GGN
Credits	4 characters	Course > Grading Tasks > Grading Task > Credit  GradingTaskCredit. credit	02052G0. <b>5012</b> 14GGN
Sequence	1 character	Scheduling > Courses > Course > Sequence  Sequence.course	02052G0.50 <b>12</b> 14GGN
Sequence Total	1 character	Scheduling > Courses > Course > Sequence Total  Course.sequenceTotal	02052G0.501 <b>2</b> 14GGN

Field	Length	Location	Example
<b>Grade Level</b>	2 characters	Scheduling > Courses > Course > Grade Level  Course.grade	02052G0.501214 <b>14</b> GGN
<b>Targeted Program</b>	1 character	Scheduling > Courses > Course > Targeted Program  Course.targetedProgram	02052G0.501214 <b>G</b> GN
<b>Delivery Type</b>	1 character	Scheduling > Courses > Course > Delivery Type  Course.deliveryType	02052G0.501214 <b>G</b> GN
<b>College/Career</b>	1 character	Scheduling > Courses > Course > Career College  CareerCollege.course	02052G0.501214GG <b>N</b>