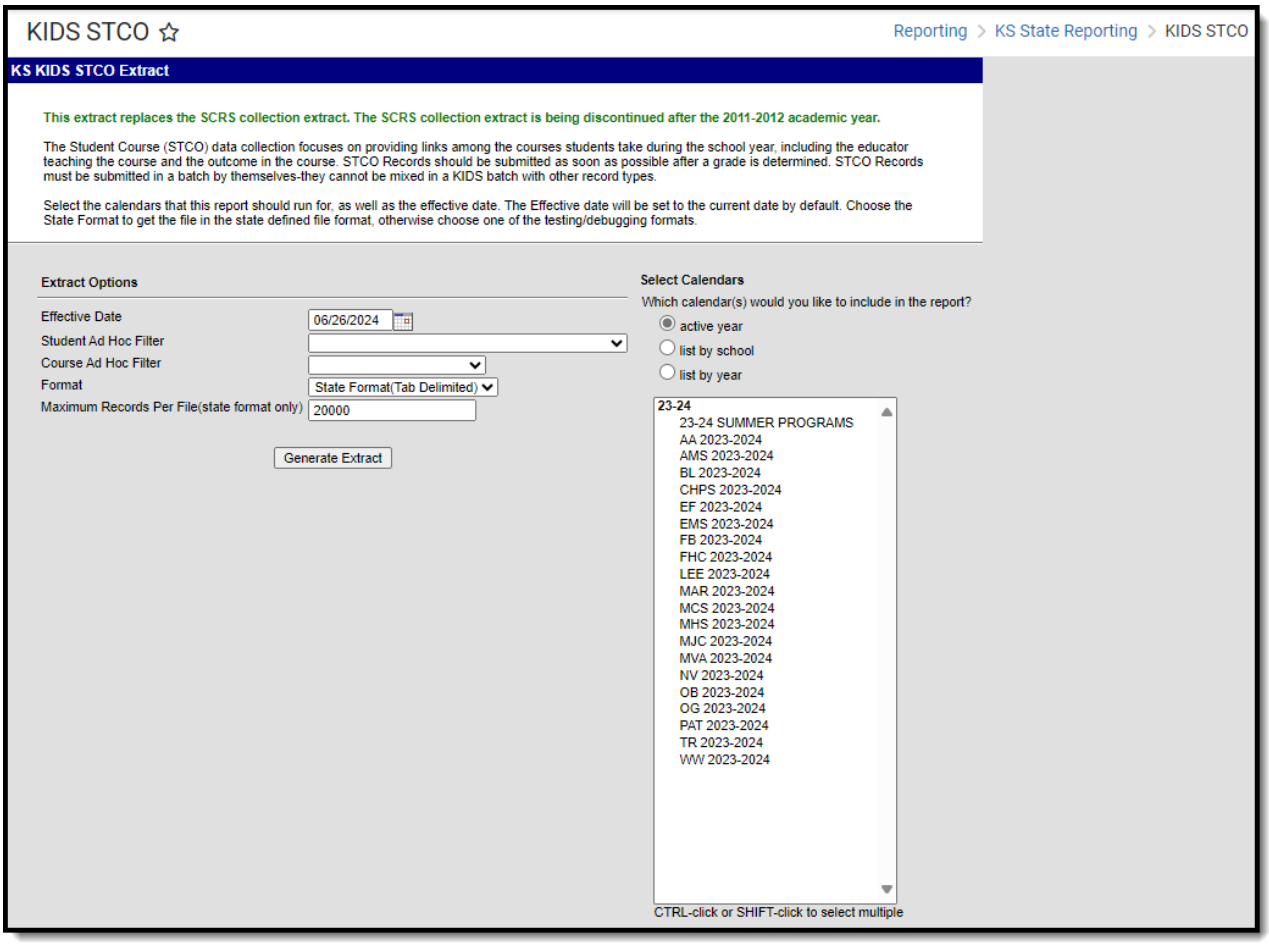
KIDS STCO Extract (Kansas) [2535 - 2639]

Last Modified on 10/15/2026 10:07 am CDT

Tool Search: KIDS STCO

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



Report Logic

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	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. The student must be marked as a migrant student in order to report this value.
01	• The student has a letter grade for a grading task or standard being reported, and • The letter grade is marked as passing as of the effective date selected in the extract editor. The logic looks at the score group/rubric used in the grading task or standard to determine if the grade is a passing score.

Reported Value	Reports When
02	• The student has a letter grade in a grading task or standard being reported, and • The letter grade is NOT marked as passing as of the effective date selected in the extract editor. The logic looks at the score group/rubric used in the grading task or standard to determine if the grade is a passing score.
05	• The student does NOT have a letter grade for the grading task or standard being reported, and • The student has NOT dropped the course or ended his/her enrollment, and • The effective date of the report is after the end date of the course
88	• The Monitoring Summative Assessments in KITE checkbox is marked on the student roster record. • The teacher does NOT have the student at the beginning of the school year. This value reports IF the district wants the teacher to monitor the student in KITE or if the teacher does have the student n 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.
99	• The student has dropped the course before the end date of the course, and • There is no letter grade for the course, and • The student was NOT present for any time at all during the duration of the course.

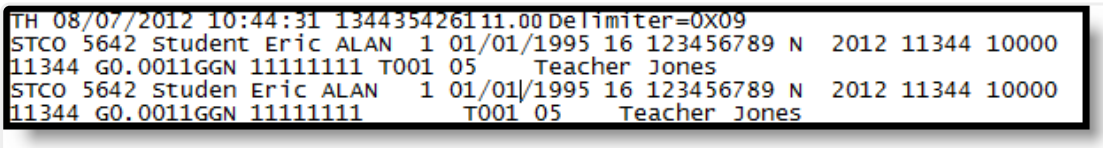
Report Editor

Field	Description
Effective Date	The date on which data is extracted. The Effective Date is set to the current date by default. Dates are entered in *mmddyy* format or by clicking the calendar icon and selecting a date.
Student Ad Hoc Filter	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.
Course Ad Hoc Filter	If desired, an Ad hoc filter using the Course/Section data type may be selected to further narrow the results.
Format	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.

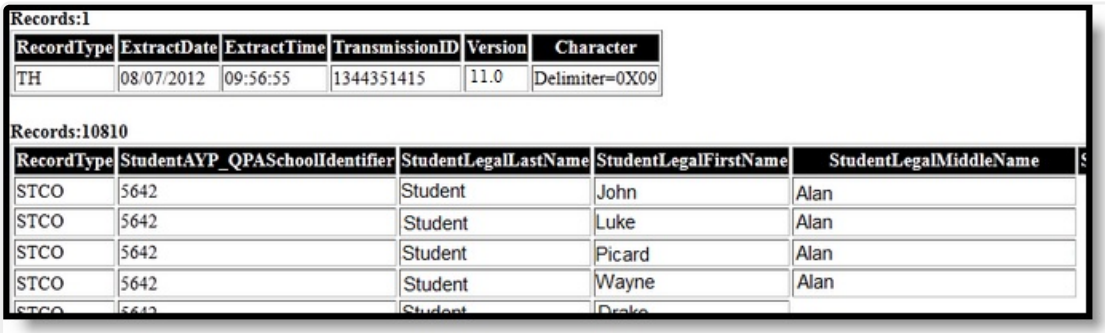
Field	Description
Maximum Records Per File (state format only)	The maximum number of records that may be extracted if the report is being generated in State Format (Tab Delimited). This field defaults to 20000.
Select Calendars	The calendars from which data is extracted. At least one calendar must be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



KIDS SCTO Extract - State Format (Tab Delimited)



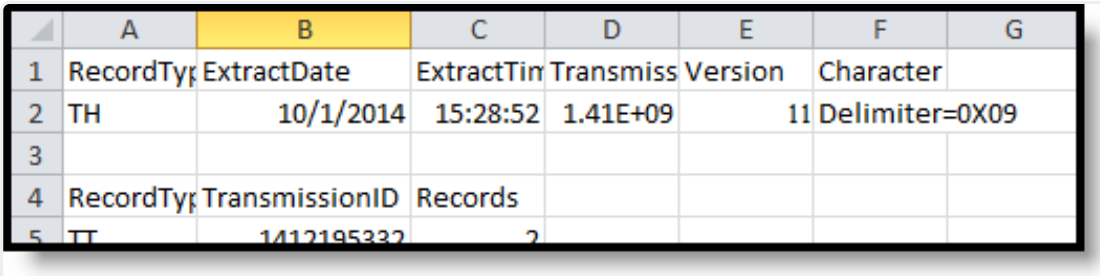
Records:1

RecordType	ExtractDate	ExtractTime	TransmissionID	Version	Character
TH	08/07/2012	09:56:55	1344351415	11.0	Delimiter=0X09

Records:10810

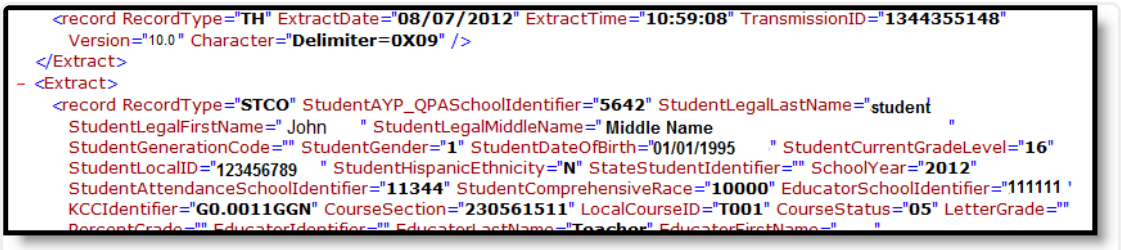
RecordType	StudentAYP_QPASchoolIdentifier	StudentLegalLastName	StudentLegalFirstName	StudentLegalMiddleName
STCO	5642	Student	John	Alan
STCO	5642	Student	Luke	Alan
STCO	5642	Student	Picard	Alan
STCO	5642	Student	Wayne	Alan

KIDS STCO Extract - HTML Format



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

KIDS STCO Extract - CSV Format



KIDS SCTO Extract - XML Format

Report Layout

Report Header

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

Report Body

Element	Description	Location
Record Type	Indicates the collection to which the record belongs. Reports as STCO. *Alphanumeric, 4 characters*	Not Dynamically Stored

Element	Description	Location
Student AYP/QPA School Identifier	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. **Override** • There is an override in Student Information > General > Enrollments > State Reporting Fields > AYP School Override 1. If an override is selected, this information reports. • Override 2 should be ignored *Numeric, 4 characters*	School Information > School Detail > State School Number School.number Enrollments > State Reporting Fields > AYP School Override 1 Enrollment.schoolAYP1
Student Legal Last Name	Reports the last name of the student. If the Legal Last Name field is populated, information reports from that field. *Alphanumeric, 60 characters*	Demographics > Person Information > Last Name Identity.lastName Identities > Identity Information > Protected Identity Information > Legal Last Name Identity.legalLastName
Student Legal First Name	Reports the first name of the student. If the Legal First Name field is populated, information reports from that field. *Alphanumbeic, 60 characters*	Demographics > Person Information > First Name Identity.firstName Identities > Identity Information > Protected Identity Information > Legal First Name Identity.legalfirstName
Student Legal Middle Name	Identifies the student's legal middle name. *Alphanumeric, 60 characters*	Demographics > Person Information > Middle Name Identity.middleName

Element	Description	Location
Student Generation Code	Identifies the student as having a suffix (e.g., Jr., III) assigned to their name. *Alphanumeric, 10 characters*	Demographics > Person Information > Suffix Identity.suffix
Student Gender	Indicates whether the student is male of female. If the Legal Gender field is populated, information reports from that field. **1**: Male **0**: Female *Numeric, 1 digit*	Demographics > Person Information > Gender Identity.gender Identities > Identity Information > Protected Identity Information > Legal Gender Identity.legalGender
Student Date of Birth	Identifies the date on which the student was born. *Date Field, 10 characters (MM/DD/YYYY)*	Demographics > Person Information > Birth Date Identity.birthDate
Student Current Grade Level	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. *Alphanumeric, 2 characters*	Enrollments > Grade Level Enrollment.grade
Student Local ID	Identifies the unique code assigned to the student by the school. *Alphanumeric, 20 characters*	Demographics > Person Information > Student Number Student.number
Student Hispanic Ethnicity	Indicates whether the students ethnicity is Hispanic/Latino. *Alphanumeric, 1 characters (Y/N)*	Demographics > Person Information > Race Ethnicity > Is the individual Hispanic/Latino Identity.hispanicLatino
State Student Identifier	Identifies the unique number given to the student by the KIDS Assignment System. *Numeric, 10 digits*	Demographics > Person Identifiers > State ID Person.stateID

Element	Description	Location
School Year	Identifies the ending year of the current school year. For example 2011-2012 reports 2012. *Numeric, 4 digits*	Calendar > Calendar > End Date Calendar.endYear
Student Comprehensive Race	Identifies the student's federal race/ethnicity. Options are as follows: • **10000**: White • **01000**: Native Hawaiian/Pacific Islander • **00100**: Black • **00010**: Asian • **00001**: American Indian/Alaskan Native *Numeric, 5 digits*	Demographics > Person Information > Race/Ethnicity > Race RaceEthnicity.code
Virtual Education Student	Reports the assigned value identifying the student as a virtual education student: • 0: Default value • 1: Current Virtual Education Student • 2: Has been V-Ed during current school year • 3: Virtual AP Student *Numeric, 1 digit*	Enrollments > State Reporting Fields > Virtual Ed Enrollment.virtualEd
Migrant Student	Reports whether a student is considered a Migrant student. *Numeric, 1 digit*	Enrollments > State Reporting Fields > Migrant Indicator Enrollment.migrant
Term	Reports the term in which the course was taken and a credit was earned. as follows: • S1 = Semester 1 • S2 = Semester 2 • Q1 = Quarter 1 • Q2 = Quarter 2 • Q3 = Quarter 3 • Q4 = Quarter 4 • T1 = Trimester 1 • T2 = Trimester 2 • T3 = Trimester 3 • YR = Year Long • SM = Summer To report as SM, the Summer flag must be marked on the Calendar and the Section Schedule Placement. If summer is not	Calendar > Terms Courses > Section > Section Schedule Placement TermSchedule.name

Element	Description	Location
	marked, and the calendar is set up in quarters: • If section is 1 quarter long and scheduled first quarter, reports Q1 • If section is 1 quarter long and scheduled second quarter, reports Q2 • If section is 1 quarter long and scheduled third quarter, reports Q3 • If section is 1 quarter long and scheduled fourth quarter, reports Q4 • If the section is 2 quarters long and scheduled quarters 1 and 2, reports S1 • If the section is 2 quarters long and scheduled quarters 3 and 4, reports S2 • If summer is not marked, and the calendar is set up in semesters: ◦ If scheduled first semester, reports S1 ◦ If scheduled second semester, reports S2 • If summer is not marked, and the calendar is set up in trimesters: ◦ If first 12 week session (Trimester), reports T1 ◦ If second 12 week session (Trimester), reports T2 ◦ If third 12 week session (Trimester), reports T3 • If summer is not marked, and the calendar is set up as one year, reports as YR. • If there are multiple term schedules, the term to which the course is linked in the Section Schedule Placement reports. • If the calendar is not set up for one of these term codes, reports NULL. *Alphanumeric, 2 characters*	

Element	Description	Location
KCC Identifier	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 Grading Task assigned to the course. • A Concatenated value reports, see KCC Identifier Creation after this report layout. • 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. • 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. *Alphanumeric, 17 characters*	Not Dynamically Stored
Course Section	This number is made up of the course's Section ID, Grading Task ID and the Term Number for the grade being reported. *Alphanumeric, 30 characters*	Courses > Section > Section ID Section.sectionID Grading Tasks > Grading Task ID
Local Course ID	Identifies the unique number assigned to the course. *Alphanumeric, 50 characters*	Courses > Course > Number Course.number

Element	Description	Location
Course Status	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: • 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. • 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. See the Course Status section for more information. *Numeric, 2 digits*	Courses > Course > Section > Grading by Task > Task > Student > Score
Letter Grade	Indicates the categorical letter grade level achieved as of the end of the course. This field is required if 1 or 2 is reported for field 20. This does not have to be a letter grade. The student's letter grade is reported from the Grading Task or Standard. The first two characters of the grade are reported. *Alphanumeric, 2 characters*	Courses > Course > Section > Grading By Task > Task > Student > Percent/Score
Percent Grade	Percent achieved as of the end of the course from 0 to 100%. This field is required if 1 or 2 is reported for field 20. The student's percentage sill be reported from the Grading Task or Standard. The first two characters of the grade are reported, rounded to one decimal. *Numeric, 5 digits (XXX.X)*	Courses > Course > Section > Grading By Task > Task > Student > Percent/Score
User Field 1	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	**02**052G0.501214GGN
Course Identifier	3 characters	Scheduling > Courses > Course > State Code Course.stateCode	02**052**G0.501214GGN
Course Level	1 character	Scheduling > Courses > Course > Course Level Course.courseLevel	02052**G**0.501214GGN
Credits	4 characters	Course > Grading Tasks > Grading Task > Credit GradingTaskCredit. credit	02052G**0.50**1214GGN
Sequence	1 character	Scheduling > Courses > Course > Sequence Sequence.course	02052G0.50**1**214GGN

Field	Length	Location	Example
Sequence Total	1 character	Scheduling > Courses > Course > Sequence Total Course.sequenceTotal	02052G0.501**2**14GGN
Grade Level	2 characters	Scheduling > Courses > Course > Grade Level Course.grade	02052G0.5012**14**GGN
Targeted Program	1 character	Scheduling > Courses > Course > Targeted Program Course.targetedProgram	02052G0.501214**G**GN
Delivery Type	1 character	Scheduling > Courses > Course > Delivery Type Course.deliveryType	02052G0.501214G**G**N
College/Career	1 character	Scheduling > Courses > Course > Career College CareerCollege.course	02052G0.501214GG**N**