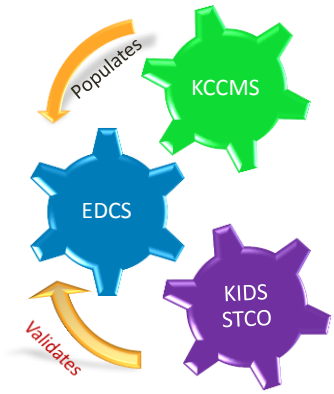
Course-Teacher-Student Data:

Reporting 2013-2014 data



October 14, 2013

Kansas state department of Education

Agenda

- Introductions
- Overview
- 2013-2014 Data Reporting
  - Course—Kansas Course Code Management System (KCCMS)
  - Teacher—Educator Data Collection System (EDCS)/Licensed Personnel Report (LPR)
  - Student—Kansas Individual Data on Students (KIDS)—Student Course (STCO)
  - Data Flow
  - Reporting Situations
- Help Resources

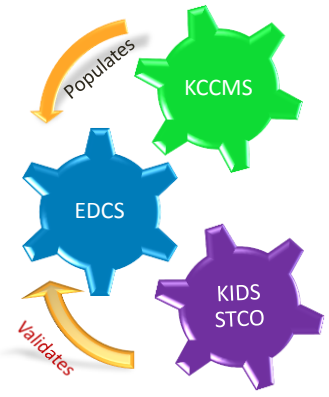
Introductions

- Jeannette Nobo – Kansas Course Code Management System (KCCMS)
- Lori Adams and Shane Carter – Educator Data Collection System (EDCS)
- Kimberly Wright – KIDS Student Course (STCO)

Overview

- This is a joint informational presentation incorporating KSDE representatives from:
  - Kansas Course Codes (KCCMS)
  - Teacher Education and Licensure (EDCS)
  - Kansas Individual Data on Students (KIDS)
- This presentation will provide a brief overview of each system, but it is not designed to serve as training for any individual application.
- The presentation is intended to bring the shared reporting components of each application together and provide a greater understanding of how they are all interconnected for the 2013-2014 school year.

2013-2014 Data Reporting



2013-2014 – KCCMS

- What is the KCCMS?
  - A repository for all the courses that your district offers Pre-K – 12
- What is the purpose of the KCCMS?
  - Develop a state standard course code information system that can be used by schools on student transcripts
  - Maintain longitudinal student records electronically

2013-2014 – KCCMS

- Purposes (continued):
  - Transmit course taking information from one student information system to another (electronic transcripts)
  - Meet federal reporting requirements
- What courses should be on the KCCMS?
  - Any and all courses that students have taken and may need to be part of their student's transcript

2013-2014 – KCCMS

KCC SCHEMA

- Title
- Course Description
- Course Level
- High School Credit
- Sequence

KCC SCHEMA

- Grade
- Targeted Program
- Delivery Type
- College/Career
- Qualified Admissions

2013-2014 – KCCMS

- Importance of Mapping
  - State Transcripts
  - Historical Information
  - Auditing
  - Reporting
    - EDCS
    - STCO
    - Pathways

2013-2014 – KCCMS

KCC Identifier

The unique identifier given to each course the district has mapped in the Kansas Course Code Management System (KCCMS). This identifier includes all the course attributes indicated for the individual course during the mapping process in KCCMS.

KCC Identifier example for a first semester general Algebra I course: 02052G0.501214GGN

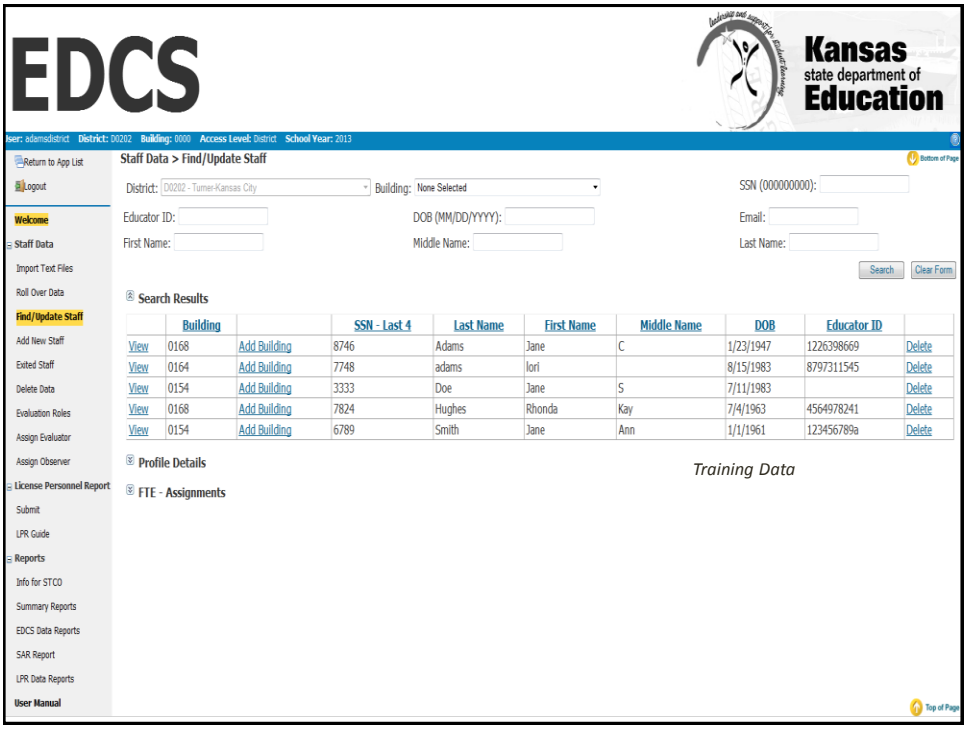
Example

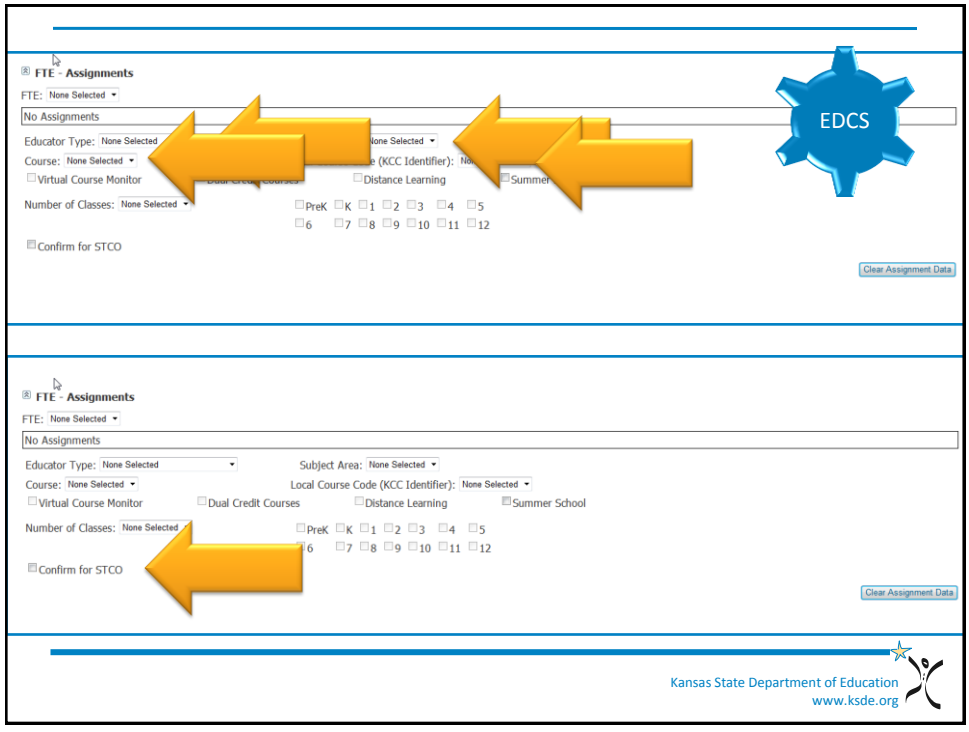
02	052	G	0.50	1	2	14	G	G	N
Subject Area Code	Course Identifier	Course Level	Credits	Sequence	Sequence Total	Grade Level (course)	Targeted Program	Delivery Type	College/ Career

KCCMS Field Names

2013-2014 – EDCS

- Purpose:
  - Collect information about the professional and demographic characteristics of district staff across the state of Kansas.
  - Data is collected at the individual level and compiled in aggregate form for use by educational researchers, school districts, the KS Board of Education, and the United States Department of Education.
- The FTE Assignments will not allow a particular course code until the district has mapped their local courses in the Kansas Course Code Management System (KCCMS).




FTE - Assignments
FTE: None Selected
No Assignments
Educator Type: None Selected
Course: None Selected
Virtual Course Monitor
Distance Learning
Number of Classes: None Selected
PreK K 1 2 3 4 5
6 7 8 9 10 11 12
Confirm for STCO
Clear Assignment Data
EDCS
FTE - Assignments
FTE: None Selected
No Assignments
Educator Type: None Selected
Subject Area: None Selected
Course: None Selected
Local Course Code (KCC Identifier): None Selected
Virtual Course Monitor
Dual Credit Courses
Distance Learning
Summer School
Number of Classes: None Selected
PreK K 1 2 3 4 5
6 7 8 9 10 11 12
Confirm for STCO
Clear Assignment Data
Kansas State Department of Education
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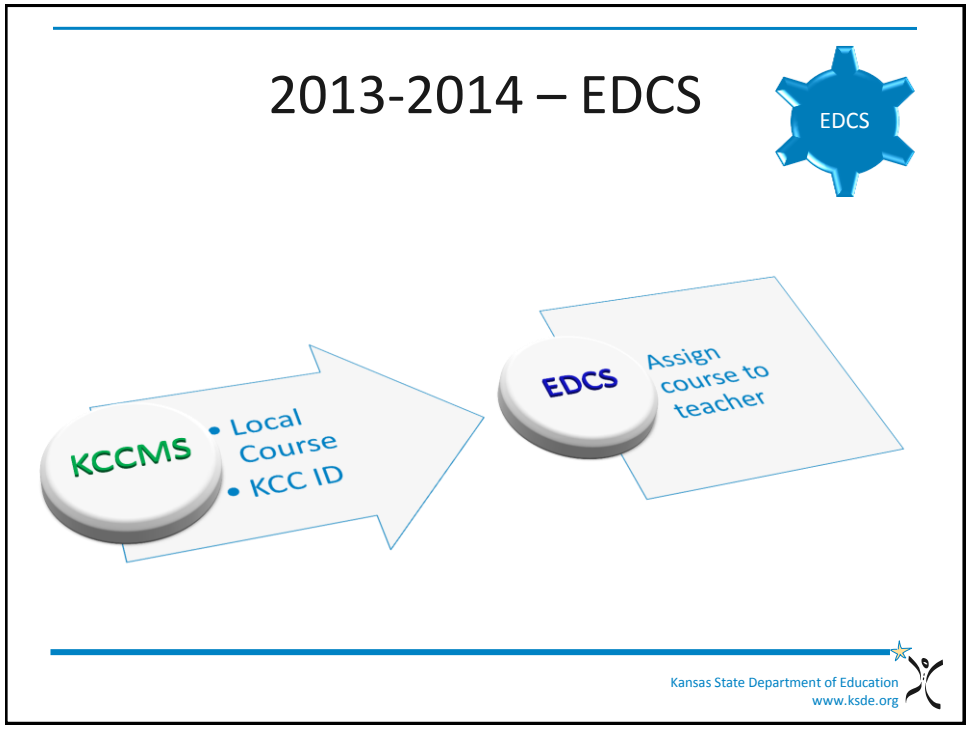

2013-2014 – EDCS
EDCS
KCCMS
Local Course
KCC ID
EDCS
Assign course to teacher
Kansas State Department of Education
www.ksde.org

2013-2014 – KIDS: STCO

- Kansas Individual Data on Students (KIDS)
  - Student-level data collection system
  - School and/or district-level staff submit data to KIDS several times a year
  - Batch upload process based on data in local SIS—no direct data entry
  - Student Course (STCO)
    - Gathers data on the courses students are enrolled in
    - Provides a course outcome for each course

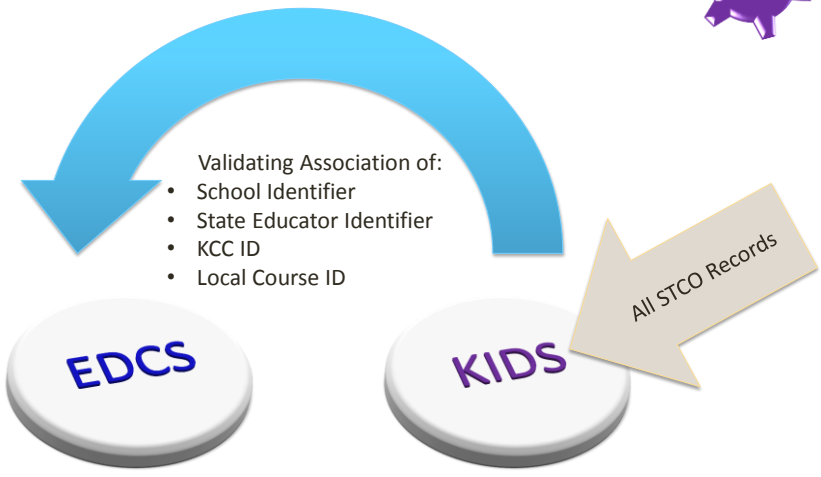
2013-2014 – KIDS: STCO

- STCO records are used to populate multiple applications to provide a link between teachers, courses, and students
- STCO Records are used to report the students' outcomes (pass, fail, etc.) in courses taught by staff reported in EDCS
- Current STCO Records, Current Year Credit by Student, Info for STCO, and the Student Course Discrepancy Report are available to verify data submitted on STCO records

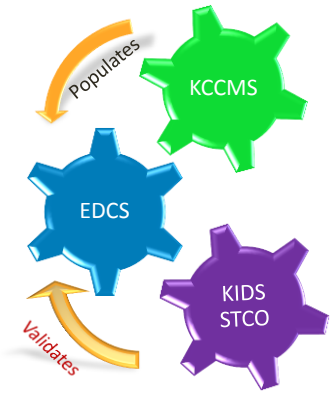
2013-2014 – KIDS: STCO

- The STCO Submission Window will close on August 15, 2014.
- However, important items to consider:
  - STCO records for students completing Pathways courses should be submitted by 6/15/2014 to be populated into the Pathways application in time for career and tech ed. staff to finish CTE reporting.
  - Any teacher/course modifications that need to be made in EDCS after the LPR snapshot is taken must be made before EDCS closes July 15, 2014 and KCCMS closes for updates in July.

2013-2014 – KIDS—STCO

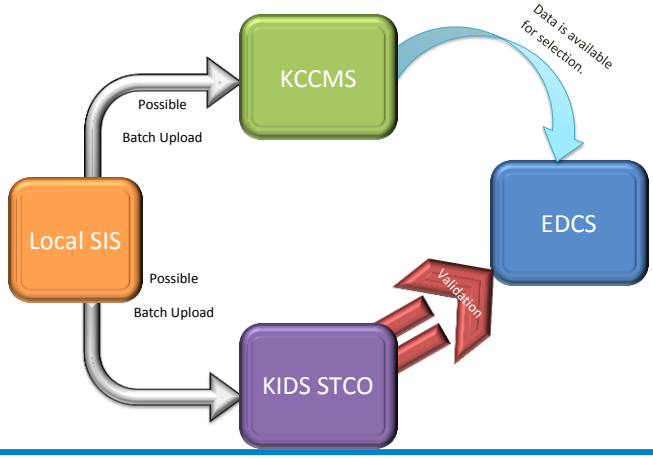


2013-2014 Data Flow

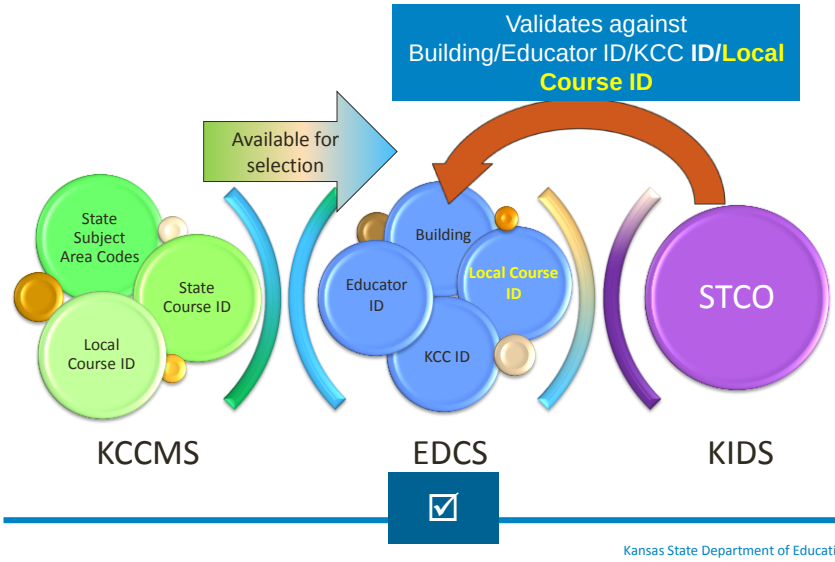


2013-2014 Data Flow

Your local Student Information System (SIS) is the master source for all of your data that you report to KSDE.



2013-2014 Data Flow



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Course—Teacher—Student Data Reporting Timeline 2013-2014

	System	2013-2014 School Year												2014-2015 School Year	
		Aug-2013	Sep-2013	Oct-2013	Nov-2013	Dec-2013	Jan-2014	Feb-2014	Mar-2014	Apr-2014	May-2014	Jun-2014	Jul-2014	Aug-2014	Sep-2014
Source Systems	KCCMS*	2013-14 Course Mapping												2014-15 Course Mapping	
	EDCS*	2013-14 Educator Assignments (*LPR Snapshot taken March 1*)												2014-15 Educator Assignments	
	KIDS*	*12-13 STCO*													
		KIDS Version 9.0 2013-14 STCO submissions ***2013-14 STCO CTE Course Outcomes due: June 15th for Pathways Data Management*													
														KIDS Version 10.0 *2014-15 STCO*	
Dependent Systems	Pathways***						Pathways Submissions for 2014-15					2013-14 Assign & Update Students			
							KSDE Review of 2014-15 Career Pathways and Schools submit revisions for 2014-15 Pathways								
	Success in Schools			Fall KELI-4R											
				Home Practices											
				Classroom Practices											
										Spring KELI-4R					
	K-Fit	K-FIT Reporting													
	KWIET	KWIET Available for Instructional Use													

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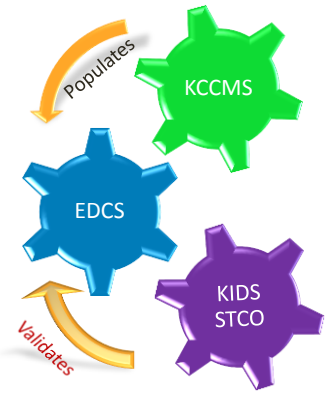
2013-2014 Reporting Situations



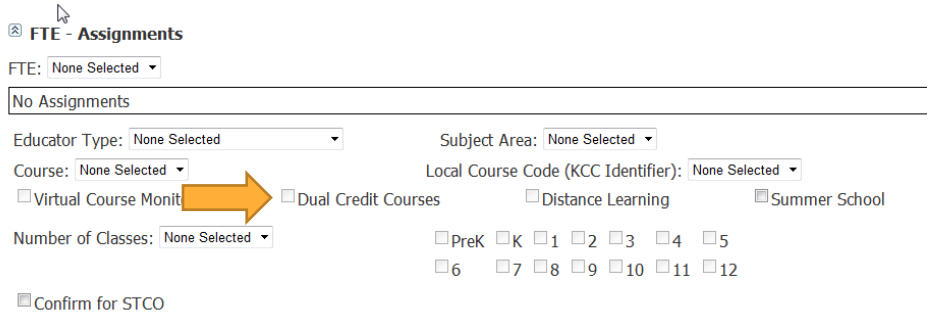
2013-2014 – Reporting Dual Credit Course (including KAMS and CTE)

- KCCMS: Each course should be mapped in KCCMS and marked as dual credit in the college/career section. If the course is a dual credit pathway course, then it should have the appropriate dual credit pathway code.
- EDCS: assign to person at the district responsible for that course or program.
  - The responsible person might be a counselor, principal or other licensed person in charge of overseeing that course or program.
  - Be sure to indicate a course as Dual Credit when it is a course taught by a college professor and the student receives both high school credit and college credit.
- KIDS—STCO: submit record with person assigned to the course in EDCS.

CTE Only Course Mapping Designations

DESIGNATION	.5 FUNDED	APPROVED IN PATHWAY	EARNS COLLEGE CREDIT
F	Yes	Yes	No
L	No	Yes	Yes
X	No	Yes	No
T	No	No	No
R	No	No	Yes

2013-2014 – Example of Dual Course in EDCS



Jobs for American Graduates (JAG)

- KCCMS
  - If credit is being offered to students for courses in the JAG program, the following is a list of courses that the state has identified as aligned with the JAG program. These courses were identified after conversation with JAG. These courses are:

    22204 – Dropout Prevention Program

    22151 – Career Exploration

    22151 – Employability Skills

    22999 – Miscellaneous Other

Jobs for American Graduates (JAG)

- EDCS
  - Report using the same steps as other non-licensed personnel (military personnel teaching ROTC)
  - Select one of three assignments listed under Subject Area"22" Miscellaneous Course Codes
  - A "JAG" checkbox will be added in EDCS

2013-2014 – Reporting Non-licensed Educators Responsible for a Course

- When a non-licensed educator is reported in EDCS, the educator's Social Security Number (SSN) is reported because an educator ID is not generated.
  - Example: when military personnel are hired to teach ROTC courses, they are entered in EDCS with their SSN instead of an Educator ID.
- KIDS—STCO: Submit record indicating the teacher SSN in the F23: Educator ID field so that the record aligns with what has been reported in EDCS.

2013-2014 – Reporting Special Education

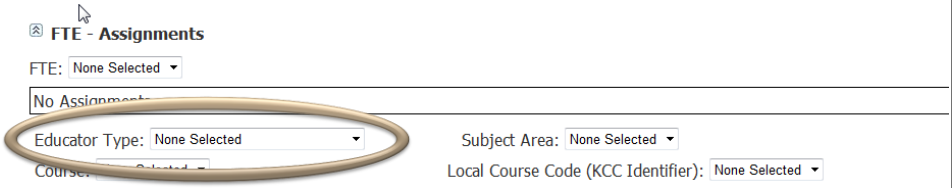
- EDCS
  - Any district that has an educator physically working in the district will need to report that educator in EDCS.
  - Special education teachers must be licensed in a content area if they are going to be assigned to a content specific course.
- KIDS—STCO: submit record indicating teacher who is assigned to the course in EDCS.

2013-2014 – Reporting Special Education

If the SPED (or ESOL) teacher is issuing grades for CONTENT area:

1. Select Educator type 4: SPED/ESOL
2. Select the specific subject teacher is teaching (ex: mathematics)
3. Select the course (ex: general math)*

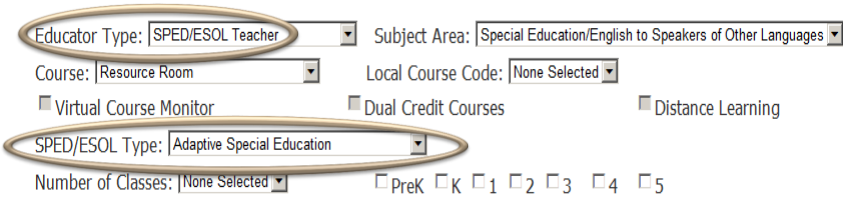
   *Course must be mapped appropriately in KCCMS to display in SPED/ESOL educator type



2013-2014 – Reporting Special Education

If the SPED (or ESOL) teacher is providing support services and NOT issuing grades:

1. Select Educator Type 4: SPED/ESOL
2. Select Subject Area 94: SPED/ESOL
3. Select the appropriate course
4. Select additional SPED/ESOL code if drop box appears



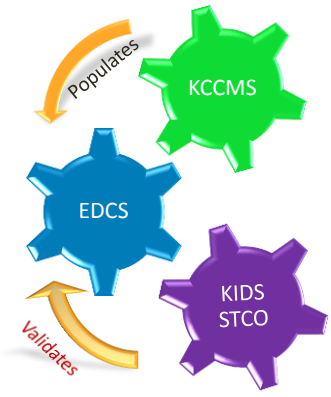
2013-2014 – Reporting Course from one Building with Student from Another Building

- It is common for students to attend another building to take a course that is not available to them at their building.
- Example: 8th grade students that typically attend the middle school are frequently allowed to take a 9th grade course at the high school.
- KCCMS: Map the course at the lowest grade level the course is offered.
- EDCS: At the high school building, assign the course to the educator that teaches the course.

2013-2014 – Reporting Course from one Building with Student from Another Building

- KIDS—STCO: The high school will send the STCO record with the following:
  - F2: Student's Accountability School Identifier = middle school
  - F14: Student's Attendance School Identifier = Either the middle school or the high school
  - F16: Educator School Identifier = high school

2013-2014 Secondary Education Courses



2013-2014 – Reporting Secondary Education Course Outcomes

- When reporting on a KIDS-STCO record the outcome (Pass/Fail, percent, or mark) earned in a course by a student, it is important that the data be consistent with what has been mapped in the Kansas Course Code Management System (KCCMS).
- This may require that courses be remapped in KCCMS or changes be made to the way courses are set up in your SIS.

2013-2014 – Reporting Secondary Education Course Outcomes

- Sample Situation

Situation:	Analysis
Situation A: • In KCCMS, course is mapped as two courses ○ Course one: credit is 0.50 and sequence is 1 of 2 – 01001G0.501214GGN ○ Course two: credit is 0.50 and sequence is 2 of 2 – 01001G0.502214GGN • In the SIS, English/Language Arts I has two separate courses (one for each semester) ○ A separate grade is given for each semester • In KIDS ○ Two STCO records are sent to KIDS ○ One for semester 1—passed course with an 85%– 01001G0.501214GGN ○ One for semester 2—passed course with an 88%– 01001G0.502214GGN	The data will show: • The student earned 1.0 credits of English/Language Arts I • 0.50 credit passed with 85% • 0.50 credit passed with 88%

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2013-2014 – Reporting Secondary Education Course Outcomes

- Sample Situation

Situation:	Analysis
Situation B: • In KCCMS, course is mapped as one course ○ Course credit is 1.00 ○ Sequence is 1 of 1 ○ 01001G1.001114GGN • In the SIS, English/Language Arts I has two distinct grading terms (one for each semester) ○ A separate grade is given for each semester • In KIDS ○ Two STCO records are sent to KIDS ○ One for semester 1—passed course with an 85% – 01001G1.001114GGN ○ One for semester 2—passed course with an 78% – 01001G1.001114GGN	The data will show: • The student earned 1.00 credits of English/Language Arts I • One credit passed with 78% Possible solutions: • Map as two courses in KCCMS with sequence 1 of 2 and 2 of 2 and 0.50 credit • Update and assign both courses to the educator in EDCS • Submit STCO with sequence 1 of 2 and 2 of 2 OR • Set up a one course in the SIS and send one STCO record with the final cumulative grade

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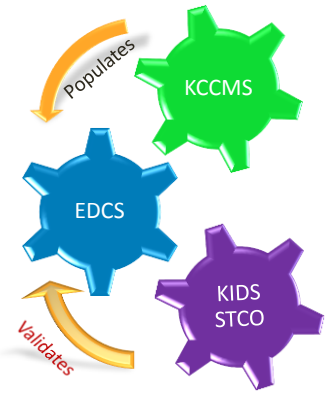
2013-2014 – Reporting Secondary Education Course Outcomes

- Sample Situation

Situation:	Analysis

Situation C:
• In KCCMS, course is mapped as one course
  ○ Course one: credit is 0.50 and sequence is 1 of 1 – 01001G0.50114GGN
• In the SIS, English/Language Arts I is two separate course instances (one for each semester)
  ○ A separate grade is given for each semester
• In KIDS
  ○ Two STCO records are sent to KIDS
  ○ One for semester 1—passed course with an 90%– 01001G0.50114GGN
  ○ One for semester 2—passed course with an 78%– 01001G0.50114GGN
	The data will show:
	• The student earned 0.50 credits of English/Language Arts I
	• 0.50 credit passed with 78%
	
	Possible solution:
	• Change the course sequence in KCCMS to 1 of 2 and 2 of 2
	• Update and assign both courses to the educator in EDCS

2013-2014 – Troubleshooting Data Reporting Errors

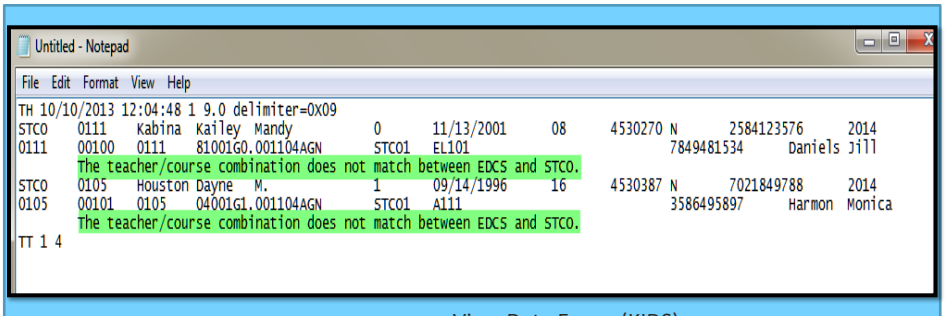


2013-2014 – Troubleshooting Data Reporting Errors

- When an STCO record is submitted to KIDS, there is one error message that is provided when data is not in alignment with what has been reported in EDCS.

The teacher/course combination does not match between EDCS and STCO .

2013-2014 – Troubleshooting Data Reporting Errors



View Data Errors (KIDS)

2013-2014 – Troubleshooting Data Reporting Error in KIDS

- Use the "Info for STCO" report to troubleshoot STCO errors in KIDS.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Educator Identifier	Educator Last Name	Educator First Name	School Identifier	School Name	State Subj Area Code	State Subj Area Descr	State Course Identifier	State Course Title	Local Subj Area	Local Course Identifier	Local Course Title	KCCID	Effective Date	Expiration Date
2	7849481534	Daniels	Jill	0111	Elementary School	81	English Language and Literature (elementary	001	Elementary English	English Language Arts	89001	English Language Arts	81001G0.001 104AGN	7/1/2011	6/30/2020 12:00:00 AM
3	3586495897	Harmon	Monica	0105	High School	04	Social Sciences and History	001	World Geography	Geography	A111	World Geography	04001G0.501 204AGN	7/1/2011	6/30/2020 12:00:00 AM
4	5223931874	Anderson	Hannah	0105	Erie High Charter School	08	Physical, Health, and Safety Education (secondary)	052	Health and Fitness	PE	8200A	Physical Education & Health-A	08052G0.501 214GGN	7/1/2012	

2013-2014 – Troubleshooting Data Reporting Error in KIDS

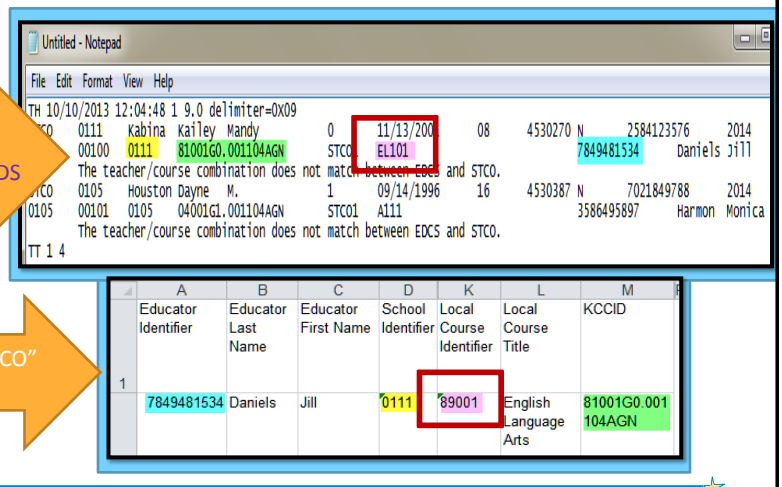
Use these fields from the "Info for STCO" report to troubleshoot STCO errors in KIDS.

	A	B	C	D	K	L	M
1	Educator Identifier	Educator Last Name	Educator First Name	School Identifier	Local Course Identifier	Local Course Title	KCCID
2	7849481534	Daniels	Jill	0111	89001	English Language Arts	81001G0.001 104AGN
3	3586495897	Harmon	Monica	0105	A111	World Geography	04001G0.501 204AGN
4	5223931874	Anderson	Hannah	0105	8200A	Physical Education & Health-A	08052G0.501 214GGN

2013-2014 – Troubleshooting Data Reporting Error in KIDS

"View Data Errors" file in KIDS

"Info for STCO" Report

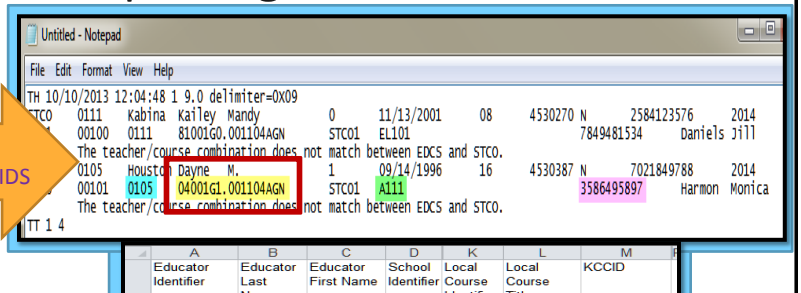


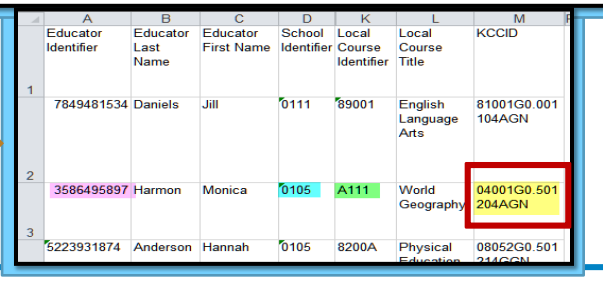
	A	B	C	D	K	L	M
	Educator Identifier	Educator Last Name	Educator First Name	School Identifier	Local Course Identifier	Local Course Title	KCCID
1	7849481534	Daniels	Jill	0111	89001	English Language Arts	81001G0.001 104AGN

2013-2014 – Troubleshooting Data Reporting Error in KIDS

"View Data Errors" file in KIDS

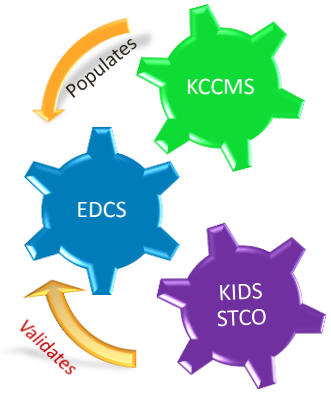
"Info for STCO" Report





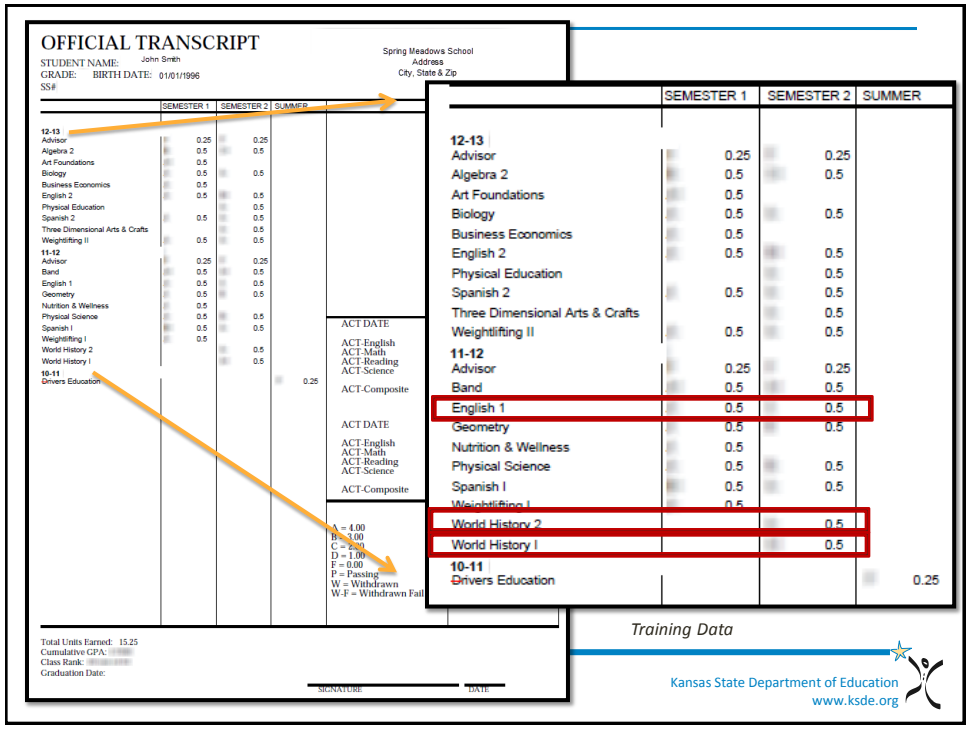
	A	B	C	D	K	L	M
	Educator Identifier	Educator Last Name	Educator First Name	School Identifier	Local Course Identifier	Local Course Title	KCCID
1	7849481534	Daniels	Jill	0111	89001	English Language Arts	81001G0.001 104AGN
2	3586495897	Harmon	Monica	0105	A111	World Geography	04001G0.501 204AGN
3	5223931874	Anderson	Hannah	0105	8200A	Physical Education	08052G0.501 214GGN

2013-2014 Data Analysis



2013-2014 Data Analysis

- STCO records sent to KIDS will be used in additional applications in the coming months, so accurate data is becoming more important.
- Start with your own data analysis of what you provide on a student's transcript (or student record for prior to secondary students).
- Use the student's transcript as a way to determine how to map courses in KCCMS.



Training Data

2013-2014 Data Analysis

- KCCMS:
  - If two distinct outcomes are reported and the course instances are connected, map as two course instances utilizing the sequence: 1 of 2 and 2 of 2.

Transcript

Band	0.5	0.5	
English 1	0.5	0.5	
Geometry	0.5	0.5	

KCC ID's

01	001	G	0.50	1	2	14	G	G	N
State Subject Area Code	State Course Identifier	Course Level	Credits	Sequence	Sequence Total	Grade Level (course)	Targeted Program	Delivery Type	College/ Career
01	001	G	0.50	2	2	14	G	G	N
State Subject Area Code	State Course Identifier	Course Level	Credits	Sequence	Sequence Total	Grade Level (course)	Targeted Program	Delivery Type	College/ Career

2013-2014 Data Analysis

- KCCMS:
  - If two distinct outcomes are reported and the course instances are not connected, map as two courses.
  - Sequence should not be utilized.

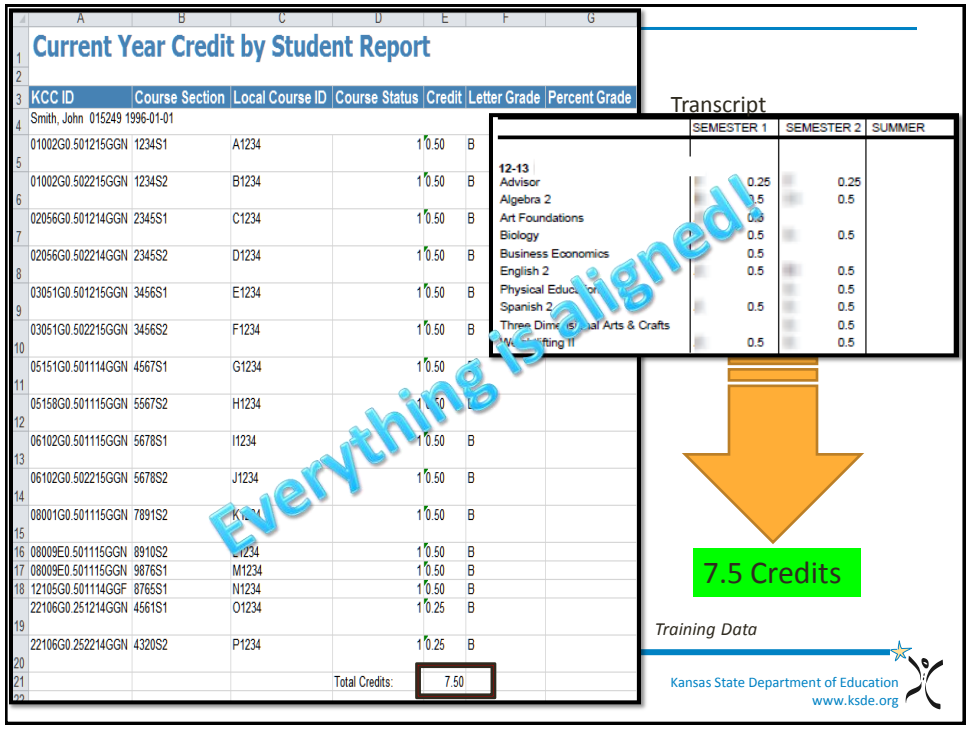
Transcript

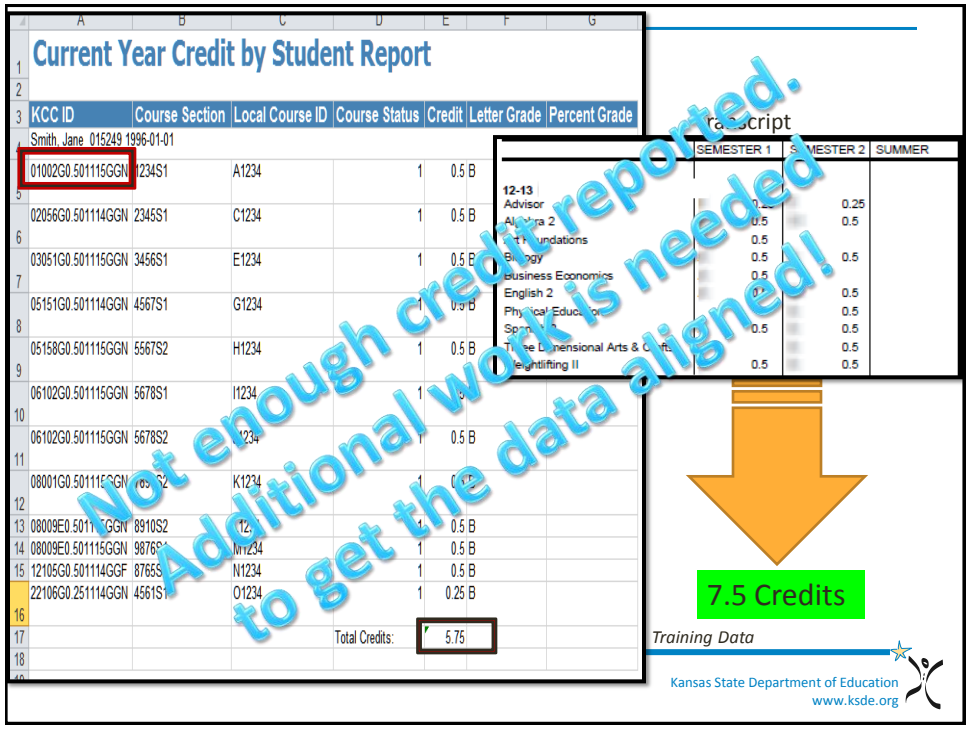
KCC ID's

04 State Subject Area Code	051 State Course Identifier	G Course Level	0.50 Credits	1 Sequence	1 Sequence Total	14 Grade Level (course)	G Targeted Program	G Delivery Type	N College/ Career
04 State Subject Area Code	053 State Course Identifier	G Course Level	0.50 Credits	1 Sequence	1 Sequence Total	14 Grade Level (course)	G Targeted Program	G Delivery Type	N College/ Career

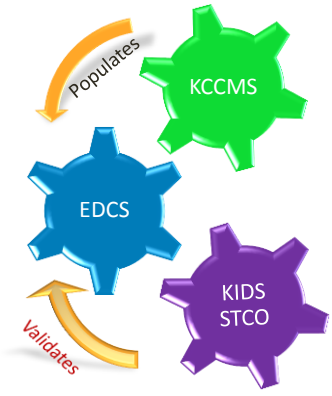
2013-2014 Data Analysis

- Run the Current Year Credit by Student Report in KIDS
  - Look at the data and compare the credits displayed to the amount of credits displayed on the student's transcript.
  - This analysis will show you where, if any, discrepancies in your data can be found.


Current Year Credit by Student Report
KCC ID
Course Section
Local Course ID
Course Status
Credit
Letter Grade
Percent Grade
Smith, John 015249 1996-01-01
01002G0.501215GGN 1234S1 A1234 1 0.50 B
01002G0.502215GGN 1234S2 B1234 1 0.50 B
02056G0.501214GGN 2345S1 C1234 1 0.50 B
02056G0.502214GGN 2345S2 D1234 1 0.50 B
03051G0.501215GGN 3456S1 E1234 1 0.50 B
03051G0.502215GGN 3456S2 F1234 1 0.50 B
05151G0.501114GGN 4567S1 G1234 1 0.50
05158G0.501115GGN 5567S2 H1234 1 0.50
06102G0.501115GGN 5678S1 I1234 1 0.50 B
06102G0.502215GGN 5678S2 J1234 1 0.50 B
08001G0.501115GGN 7891S2 K1234 1 0.50 B
08009E0.501115GGN 8910S2 L1234 1 0.50 B
08009E0.501115GGN 9876S1 M1234 1 0.50 B
12105G0.501114GGF 8765S1 N1234 1 0.50 B
22106G0.251214GGN 4561S1 O1234 1 0.25 B
22106G0.252214GGN 4320S2 P1234 1 0.25 B
Total Credits: 7.50
Transcript
SEMESTER 1
SEMESTER 2
SUMMER
12-13
Advisor 0.25 0.25
Algebra 2 0.5 0.5
Art Foundations 0.5
Biology 0.5 0.5
Business Economics 0.5
English 2 0.5 0.5
Physical Education 0.5
Spanish 2 0.5 0.5
Three Dimensional Arts & Crafts 0.5
Weightlifting II 0.5 0.5
Everything is aligned!
7.5 Credits
Training Data
Kansas State Department of Education
www.ksde.org


Current Year Credit by Student Report
KCC ID
Course Section
Local Course ID
Course Status
Credit
Letter Grade
Percent Grade
Smith, Jane 015249 1996-01-01
01002G0.501115GGN 1234S1 A1234 1 0.5 B
02056G0.501114GGN 2345S1 C1234 1 0.5 B
03051G0.501115GGN 3456S1 E1234 1 0.5 B
05151G0.501114GGN 4567S1 G1234 1 0.5 B
05158G0.501115GGN 5567S2 H1234 1 0.5 B
06102G0.501115GGN 5678S1 I1234 1 0.5 B
06102G0.501115GGN 5678S2 J1234 1 0.5 B
08001G0.501115GGN 7891S2 K1234 1 0.5 B
08009E0.501115GGN 8910S2 L1234 1 0.5 B
08009E0.501115GGN 9876S1 M1234 1 0.5 B
12105G0.501114GGF 8765S1 N1234 1 0.5 B
22106G0.251114GGN 4561S1 O1234 1 0.25 B
Total Credits: 5.75
Transcript
SEMESTER 1
SEMESTER 2
SUMMER
12-13
Advisor 0.25
Algebra 2 0.5 0.5
Art Foundations 0.5
Biology 0.5 0.5
Business Economics 0.5
English 2 0.5
Physical Education 0.5
Spanish 2 0.5 0.5
Three Dimensional Arts & Crafts 0.5
Weightlifting II 0.5 0.5
Not enough credit reported.
Additional work is needed
to get the data aligned!
7.5 Credits
Training Data
Kansas State Department of Education
www.ksde.org

2013-2014 Course-Teacher-Student Help Resources



KCCMS Help Resources

- Website www.ksde.org
  - Academic Standards webpage
    - Kansas Course Codes (right side of the page)
    - Direct Link: http://www.ksde.org/Default.aspx?tabid=2439
  - Resources Available:
    - File Specifications
    - KCCMS Updates (PowerPoints)
    - (Vendor) Export File Layout
    - Kansas Course Code Levels
- Career Standards and Assessment Services (CSAS) Help Desk:
  - 785-296-2078
  - kccms@ksde.org

EDCS Help Resources

Website www.ksde.org

- Educator Licensure webpage
  - "Licensed Personnel" under Administrator Info (right side of the page)
  - Direct Link: http://www.ksde.org/Default.aspx?tabid=322
- Resources Available:
  - Licensed Personnel Guide
  - LPR-EDCS User Manual 2013-2014
  - School Codes for the Exchange of Data (SCED) Listing

KIDS—STCO Help Resources

- Website www.ksde.org/kids
  - "Documents" tab
    - Submission Details Document: STCO
    - KIDS 2013-2014 Collection System File Specifications
  - "FAQs" and select "STCO Collection"
- KIDS HelpDesk:
  - 785-296-7935 or kids@ksde.org

Course-Teacher-Student Help Resources

- Website: http://www.ksde.org/Default.aspx?tabid=5151
- Resources Available:
  - Course-Teacher-Student Data Reporting Responsibility Decision Tree
  - Course-Teacher-Student Data Reporting Timeline 2013-2014
  - Abbreviations, Acronyms, and Terms
  - Course-Teacher-Student Data Flow 2013-2014