

Kansas Data Collection Concerns

By Paul Schwartz

Agenda

- * Vulnerability of electronic data
- * Demonstrate the number of attacks
- * Emphasize the value of children's information
- * What data are the schools collecting?

Data security and privacy

- * In our world today we assume we have a level of data security and privacy.
- * As adults we regularly turn over data to companies and organization and it's protected.
- * Examples:
 - * HIPAA (health data)
 - * PCI (credit / debit card data)
 - * FFIEC (financial data loans mortgages etc)
 - * SAR/OX (publicly traded companies data)

The value of Data

- * ITWorld says:
 - * A survey by Unbound ID and Compass Intelligence reveals that executives would be willing to pay up to \$124 per head to get their hands on your personal information – or about 100 times more than they’re willing to pay for anonymized data.
- * FTC Testifies on Children's Identity Theft:
 - * “Protecting consumers – especially vulnerable consumers such as children – against identity theft and its consequences is a critical component of the Commission’s consumer protection mission.”

Identity Theft

- * According to the FTC:
 - * "Recent studies suggest child identity theft is more prevalent than even identity theft against adults," said Toporoff, an attorney in the [FTC's Bureau of Consumer Protection](#). "Children are being targeted because their credit history is nonexistent. That makes them very attractive to organized crime and other thieves."

Fire Eye

- * FireEye, a leader in providing cyber security solutions, protects the most valuable assets in the world from those who have them in their sights.
- * The FireEye Global Defense Community includes more than 2,500 customers across 65 countries, including over 150 of the Fortune 500.
- * <https://www.fireeye.com/cyber-map/threat-map.html>

Fire Eye Cyber Threat Map



What data are the schools collecting?

- * Kansas Individual Data on Students (KIDS)
 - * <http://community.ksde.org/Default.aspx?tabid=2508>

What data are the schools collecting?

The screenshot shows the homepage of the Kansas State Department of Education (ksde.org). The header includes the department's logo and name, a search bar, and social media links. Below the header is a navigation bar with categories like Teaching & Learning, Policy & Funding, Programs & Services, Data and Reports, Agency, and Board. A subject index is also present. The main content area features two event announcements: 'KANSAS CHILDREN' and 'KANSAS' FUTURE', both scheduled for January 22nd and 27th. A 'Popular Resources' sidebar on the right lists various tools and documents available to users.

www.ksde.org

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Kansas state department of **Education**

KANSAS STATE DEPARTMENT OF **EDUCATION**

Search...

Subject Index | 0-9 | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

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KANSAS CHILDREN

KANSAS' FUTURE

As a community, what is the future we want for our children and what role should education play in supporting that future?

Mark your calendar now to attend one of these community conversations with incoming Kansas Commissioner of Education, Dr. Randy Watson:

THURSDAY, JANUARY 22
TOPEKA

TUESDAY, JANUARY 27
ARKANSAS CITY and WICHITA

Kansas Children
Kansas Future

Thursday, January 22nd
Topeka

Tuesday, January 27th
Arkansas City and Wichita

Wednesday, January 28th
Salina and Hutchinson

Popular Resources

- About Us
- Adult Education
- Agency Wide Calendar
- Authenticated Applications
- Building Report Card
- Career Interest Inventory
- Commissioner

What data are the schools collecting?

The screenshot shows the Kansas State Department of Education (KSDE) website. The browser address bar displays www.ksde.org. The website header includes the KSDE logo and the text "KANSAS STATE DEPARTMENT OF EDUCATION". A navigation bar below the header contains links for "Teaching & Learning", "Policy & Funding", "Programs & Services", "Data and Reports", "Agency", and "Board". The "Data and Reports" menu is open, revealing three columns of links: "Public Reports" (Building Report Card, Customize or Design a Report, K-12 School Report, School Finance Reports Warehouse, School Nutrition Reports, Special Education MIS Student Data, Authenticated Applications, Authenticated Applications Help), "Data Requests" (Data Request History, Data Request Training, Request for Data, Custom Reports, Custom Label Creator), and "Data Resources" (FERPA Information, Kansas Discipline Incident (KAN-DIS), Kansas Individual Data on Students (KIDS), Kansas Open Records Act (KORA), Race and Ethnicity Regulations). A large blue arrow points to the "Data Resources" column. On the right side of the page, there is a "Resources" section with links for "Adult Education", "Agency Wide Calendar", "Authenticated Applications", "Building Report Card", "Career Interest Inventory", "Commissioner", and "Community Colleges". The footer of the page shows the URL www.ksde.org/Default.aspx?tabid=93.

Kansas State Department of Education

www.ksde.org

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Public Reports

Building Report Card

Customize or Design a Report

K-12 School Report

School Finance Reports Warehouse

School Nutrition Reports

Special Education MIS Student Data

Authenticated Applications

Authenticated Applications Help

Data Requests

Data Request History

Data Request Training

Request for Data

Custom Reports

Custom Label Creator

Data Resources

FERPA Information

Kansas Discipline Incident (KAN-DIS)

Kansas Individual Data on Students (KIDS)

Kansas Open Records Act (KORA)

Race and Ethnicity Regulations

Resources

Adult Education

Agency Wide Calendar

Authenticated Applications

Building Report Card

Career Interest Inventory

Commissioner

Community Colleges

www.ksde.org/Default.aspx?tabid=93

What data are the schools collecting?



The screenshot shows a web browser window displaying the Kansas Individual Data on Students (KIDS) website. The browser's address bar shows the URL `community.ksde.org/Default.aspx?tabid=2491`. The website header includes a navigation menu with links to Home, Authentication, Documents, Report Descriptions, Training, FAQs, Calendar, and Vendors. The main content area is titled "Individual Data on Students (KIDS) a student level data collection system" and features a large blue arrow pointing to the KIDS logo. The logo consists of a yellow star above the word "KIDS" in bold black letters, with the text "Kansas Individual Data on Students" below it. To the right of the logo is a photograph of two young girls. Further right is the Kansas State Department of Education logo, which includes the text "Knowledge and respect for every child" and "Kansas state department of Education". Below the navigation menu, there are several sections: "Sign In/ Register", "Forgot My Password", "KSDE Website", "Data Quality Certification (DQC) Program", "Contact Us", "Background", and "Timeline for Reports and Collections". On the right side, there is an "Announcements" section titled "KIDS Project Website" with a paragraph explaining that this is the homepage for the KIDS system and that users can access the KIDS system by using their KSDE user name and password. Below this, there is a section titled "Important Announcements:" with two entries: "Updated 2014-2015 KIDS Document" and "KIDS 2015-2016 Planned Changes Survey". The "Updated 2014-2015 KIDS Document" entry states that the KIDS 2014-2015 Submission Details Document: TEST and STCO are updated and posted on the "Documents" tab. The "KIDS 2015-2016 Planned Changes Survey" entry states that it is time to make decisions on changes to the KIDS System for the 2015-2016 school year and that the survey will be available through February 13, 2015. A link to the survey is provided: <http://www.quia.com/sv/691646.html>. At the bottom of the page, there is a "KSDE Resources" section.

File Edit View History Bookmarks Tools Help

Kansas Individual Data on ...

community.ksde.org/Default.aspx?tabid=2491

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KIDS
Kansas Individual Data on Students

Individual Data on Students (KIDS)
a student level data collection system

Kansas state department of Education

Home Authentication Documents Report Descriptions Training FAQs Calendar Vendors

[Sign In/ Register](#)

[Forgot My Password](#)

[KSDE Website](#)

[Data Quality Certification \(DQC\) Program](#)

[Contact Us](#)

[Background](#)

[Timeline for Reports and Collections](#)

Announcements

KIDS Project Website

This is the homepage for the Kansas Individual Data on Students system. Here you can access the KIDS system by using your KSDE user name and password, find important documentation, register for training opportunities, and much more.

Important Announcements:

Updated 2014-2015 KIDS Document: The KIDS 2014-2015 Submission Details Document: TEST and STCO are updated and posted on the "Documents" tab. Consult the revision history at the end of the documents to see which specific items were updated.

KIDS 2015-2016 Planned Changes Survey: It is that time of year again. We are looking for your input as we make decisions on changes to the KIDS System for the 2015-2016 school year. All responses will be kept confidential. The survey will be available through February 13, 2015. Please share your thoughts with us by filling out the 2015-2016 Planned Changes Survey: <http://www.quia.com/sv/691646.html>.

KSDE Resources

What data are the schools collecting?



The screenshot shows the Kansas Individual Data on Students (KIDS) website. The page title is "Kansas Individual Data on Students (KIDS) a student level data collection system". The navigation menu includes "Home", "Authentication", "Documents", "Report Description", "Calendar", and "Vendors". The "Documents" tab is highlighted, and a large blue arrow points to it. The "2014-2015 Information Documents" section displays a table of documents.

Title	Description	Modified Date	Size	Download
KIDS 2014-2015 Collection System File Specifications	This is the current version of the File Specifications for the 2014-2015 KIDS Collection System. The current version number is 1.04. Changes made to the document since the previous version will be described at the end of the document.	1/13/2015	292.11 KB	Download
KIDS 2014-2015 User Guide	This manual provides a jump-start, to new users, on the basics of the KIDS Collection software system before submitting school or district's student-level data.	1/9/2015	2.69 MB	Download
KIDS SLDS Overview	KIDS SLDS Overview	12/19/2014	1.12 MB	Download
KIDS Submission Overview; 2014-2015	This document provides an overview of the various KIDS record types, the KIDS collection schedule for 2014-2015, and general collection guidelines for each record type. The current version is 9.01.	12/19/2014	319.90 KB	Download

Left sidebar links: [Sign In/ Register](#), [Forgot My Password](#), [KSDE Website](#), [Data Quality Certification \(DQC\) Program](#), [Contact Us](#), [Background](#), [Timeline for Reports and Collections](#), [Archived File Specifications](#)

What data are the schools collecting?



This resource serves as the KIDS Collections data dictionary.

This document contains:

- Formatting requirements for SIS Collection Export Batch Files including the header and trailer record requirements
- Definitions and permitted values for all data elements collected via KIDS
- References to supporting resources

This document does not include:

- Collection specific requirements and recommendations, see the KIDS Submission Detail Documents
- KIDS Collection edit checks, see the KIDS Business Rules
- Information about KIDS Reports, see the Report Descriptions on the KIDS website

Header Record Layout

Field Ref #	Header Record Layout			
	Field	Maximum Length	Format Details	Comments/Values
H1	Record Type	2	TH	Must contain the characters "TH"
H2	Extract Date	10	mm/dd/yyyy	Date export file was created. Month and day must include any leading zeroes.
H3	Extract Time	8	hh:mm:ss	Time export file was created.
H4	Transmission ID	10	9999999999	An arbitrary number. Must match the Transmission ID in the Trailer record.
H5	Version	10	10.0	Always "10.0". This version number differentiates the possible versions of the file structure.
H6	Delimiter Character	25	delimiter=c	Should be the character literal or the hex representation of the delimiter that is used in the detail records (either tab or comma). For a comma delimiter, the character literal would be 'delimiter=,' and the hex representation would be 'delimiter=0X2C'. For a tab delimiter, it is recommended that the hex representation be used. In that case, it would be 'delimiter=0X09'.

What data are the schools collecting?


D33	Primary Disability Code	2	Alpha	ASGT, ENRL, TEST, EOYA, MILT, EXIT	<p>An indication of whether or not the student has an active Individual Education Plan (IEP) under the Individuals with Disabilities Education Act (IDEA-Part B), which documents that the student receives special education services. Report the student's primary area of disability.</p> <p>Allowable values are:</p> <ul style="list-style-type: none"> Blank = None AM = Autism DB = Deaf/blindness DD = Developmentally delayed (ages 3-9 only) ED = Emotional disturbance HI = Hearing impairment ID = Intellectual disability LD = Specific learning disability MD = Multiple disabilities OH = Other health impairment OI = Orthopedic impairment SL = Speech/language disability TB = Traumatic brain injury VI = Visual impairment
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Are there safety or security procedures for this data?

- * In our world today we assume we have a level of data security and privacy.
- * As adults we regularly turn over data to companies and organization and it's protected.
- * Examples: HIPAA (health data)
- * PCI (credit / debit card data)
- * FFIEC (financial data loans mortgages etc)
- * SAR/OX (publicly traded companies data)

There are No Standards, No Annual audits, No Security checks on our children's data!

Proof of Data Collection for Profit



Promoting trusted and responsible cloud computing for government






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Tags: [Experts' Corner](#) [Privacy](#) [Education](#)

Google admits data mining student emails in its free education apps

by [Jeff Gould](#), Peerstone Research
Friday, January 31, 2014

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When it introduced a new privacy policy designed to improve its ability to target users with ads based on data mining of their online activities, Google said the policy didn't apply to students using Google Apps for Education. But recent court filings by Google's lawyers in a California class action lawsuit against Gmail data mining tell a different story: Google now admits that it does data mine student emails for ad-targeting purposes outside of school, even when ad serving in school is turned off, and its controversial consumer privacy policy does apply to Google Apps for Education.

Proof of Data Collection for Profit

In a remarkable [pretrial document](#) filed by Google's lawyers, Google explicitly admits for the first time that it scans the email of Google Apps for Education users for ad-serving purposes even when ad serving is turned off. The issue at stake in the case is whether Google has properly informed its users and obtained their consent for data mining and ad serving in Gmail and, by extension, in Google Apps for Education. In the filing in question Google's lawyers seek to prove that email users must have consented to Google's email scanning practices – if only “impliedly” – because these practices have been widely discussed in the press and can thus be considered to be universally known. The lawyers seek to establish this point by supplying a long list of published articles that discuss these practices.

Questions?

