



---

## KANSAS DEPARTMENT OF EDUCATION

### DATA INFORMED EDUCATION LEADERSHIP

**Project Start Date: 3/1/2009**

**Project End Date: 2/28/2012**

**Amount Awarded: \$3,911,792**

The Kansas State Department of Education (KSDE) has made significant progress in developing an integrated, longitudinal data system that complies with the Statewide Longitudinal Data System Requirements. It has implemented unique state student and educator IDs and common course codes; added student IDs to all student-related data collection applications; used individual student and staff data for school and district accountability, district funding, and state and federal reporting; and made progress in loading data into an integrated, longitudinal Enterprise Data Warehouse (EDW). Data quality and data governance have greatly improved through such initiatives as the Data Quality Certification (DQC) program, Master Data Management, and a Data Governance Program that includes the Data Governance Board and Data Stewards. KSDE staff have been trained in data warehousing and are responsible for work on the enterprise-wide data architecture, enterprise data model, data quality initiatives, data security, metadata, and data delivery. The Kansas Education Data Users Consortium (KEDUC) is active in encouraging research and data use that can improve education in Kansas.

Through this grant KSDE will build a foundation to meet interoperability requirements to allow secure and effective exchange of data between LEAs and SEA and among LEAs. In addition, KSDE will enhance its ability to meet the other Statewide Longitudinal Data System Requirements.

KSDE and its partners plan to increase the value of its education data system through obtaining the following objectives:

**A. Provide secure access to integrated, quality education data through—**

1. Continuously improving data quality and security
2. Connecting data systems.

**B. Increase state capacity to use longitudinal data to improve student achievement by—**

1. Making the use of data to inform decisions part of everyday practice for education leaders
2. Increasing the amount and quality of education research in Kansas.

As stated previously, KSDE will build a foundation for interoperability through implementation of an e-transcript solution, which includes state student IDs, to allow secure and reliable exchange of student data among K-12 schools and between K-12 schools and the state. The solution will also allow secure and reliable exchange of data between K-12 and postsecondary; and it will work with the Kansas Board of Regents to build a P-20 Data Mart. In addition, KSDE will better connect data systems through creation of a student operational data store and expansion of the KSDE Enterprise Data System to enable it to include additional data. To improve data quality and security, KSDE will implement automated testing software, expand its DQC program and help implement a similar program at the postsecondary level,

enhance its Data Audit program, and ensure a secure and robust data architecture to meet the increasing demands for data. Professional development and technical assistance will be made available to district staff to give them skills needed to routinely use state and district data to inform decision making. Lastly, providing incentives for research on State Research Agenda topics and a means for connecting educators with researchers who can assist them will increase the amount and quality of education research in Kansas. KSDE will also complete tasks to ensure initiatives are sustainable past the grant period.