



ILLINOIS STATE BOARD OF EDUCATION

ILLINOIS LONGITUDINAL DATA SYSTEM (ILDS) PROJECT

Project Start Date: 7/1/2009

Project End Date: 6/30/2013

Amount Awarded: \$8,999,956

The Illinois State Board of Education (ISBE) has designed, built, and deployed some of the fundamental building blocks of a statewide longitudinal data system, including implementation of a unique student ID and student-level data collection. While in a better position to support the tracking of individual students, ISBE needs to take the critical steps of integrating all ISBE student-level data collection systems and connecting student-level data with data from other parts of the ISBE education enterprise (e.g., staff data, special education, and school district finance). In addition, ISBE and its state education partners seek to link P-12 data maintained by ISBE with postsecondary and employment data on Illinois graduates in order to analyze the impact of educational programs on student outcomes.

The goal of the ILDS Project is to establish the technical and management systems necessary for ISBE and its education partners to manage, link, and analyze P-20 education data through the following interrelated components:

Component #1—Establish a State Education Data Advisory Group. ISBE will convene a broadbased group of stakeholders to advise ISBE and its education partners on data use and management. This project component will establish a defined body responsible for advising on data coordination across agencies and implementation of joint data activities.

Component #2—Develop an Enterprise-wide Data Architecture. ISBE will establish standard data definitions to support federal reporting, define a data architecture for data warehouse development, and identify data transaction sets to support interoperability with LEA systems.

Component #3—Improve Data Quality Through a System of Data Stewards and Enhanced Data Audit Procedures. ISBE will establish a system of data stewards with responsibility for data quality and management for all ISBE centers, establish a process of statistical checks for LEA data submissions, and expand LEA training opportunities to improve data quality.

Component #4—Develop an Education Enterprise Data Warehouse. Through development of a data warehouse, all student-level data maintained by ISBE will be linked to other student-level data and K-12 education data. LEAs will be able to obtain numerous additional data reports and have expanded ability to perform data analyses using data maintained by ISBE. Within the data warehouse, ISBE will create a Data Mart specifically for federal reporting that draws data from multiple systems and significantly reduces the reporting burden on the SEA and LEAs.

Component #5–Link the ISBE Unique Student Identifier with Postsecondary and Employment Data and Use Linked Data for Research and Evaluation Purposes. ISBE and its state education partners will build on existing efforts to enable use of the ISBE unique student identifier for linkages with postsecondary and employment data. ISBE and its education partners will also work to establish data-sharing agreements consistent with FERPA and state privacy protection laws that permit data sharing among ISBE, postsecondary, and employment systems. Through this project component, the state-level education and employment agencies will have in place processes to use shared data for long-term longitudinal studies, state-supported research and evaluation, and research conducted by external organizations.