



IDAHO STATE BOARD OF EDUCATION

IDAHO STATE LONGITUDINAL DATA SYSTEM

Project Start Date: 3/1/2009

Project End Date: 2/28/2012

Amount Awarded: \$5,916,520

In 2007, the Idaho State Department of Education (State Department) set a priority for creation of a longitudinal data system. The Legislature has supported this priority with state dollars and positions, and the State Department has been planning and working on the infrastructure and prerequisites with the following initiatives:

- Contracting with ESP Solutions for an enterprise architecture assessment and design.
- Hiring a CIO with experience implementing and managing enterprise systems.
- Creating a project management office in Information Technology Services.
- Creating a data dictionary and identifying data ownership.
- **Implementing a unique student ID system statewide.**
- Defining requirements to re-engineer core data collection systems.
- Planning for a statewide portal with a single-sign-on security structure for all systems.

The State Department faces many challenges in this effort. The current core data collections consist largely of aggregate data, with several separate student level data collections. This contributes to duplication of efforts and presents a significant risk of inconsistencies in the data collected. The data is currently not tracked longitudinally or linked across program areas. Therefore, manual data processing and validation is necessary to meet reporting requirements. The State Department also has a high mobility rate and does not have a system for rapid exchange of student records among districts or to higher education. These challenges will be greatly reduced by an integrated effort for improving our statewide data collection and validation processes and implementation of a longitudinal data system. The federal grant dollars will supplement these efforts, shorten the results timeframe, and enhance our capabilities.

The State Longitudinal Data System Grant dollars will support the State Department's efforts to provide every parent and educator with access to the data they need to guide instruction and measure the academic progress of all students. To accomplish this, the State Department needs systems that will facilitate analysis and research to improve academic achievement and close gaps. The systems must link student, staff, and program data across time; and provide schools and districts access to these data. The data collection burden on districts must be reduced by creating processes for state reporting, implementing a Student Interoperability Framework (SIF), and creating a mechanism for the rapid exchange of student records and transcripts.

To meet these objectives, the State Department is organizing activities into six sub-projects:

1. Design and construction of a longitudinal data store/data warehouse.
2. Implementation of a reporting and analysis system on the longitudinal data store.
3. Installation of a SIF infrastructure statewide.
4. Enhancement of the state student ID system which will include staff IDs.
5. Support to district efforts to implement automated processes for state reporting.
6. Implementation of an electronic student record exchange/transcript system.

The anticipated project outcomes will be a longitudinal data store/data warehouse, a reporting and analysis system, statewide SIF infrastructure, enhanced unique ID system, automated processes for district reporting, and an electronic student record exchange/transcript system.