

PROJECT ABSTRACT

Title: Expanding Delaware's Insight Data Warehouse Reporting and Instructional Improvement Capabilities (Insight Plus)

Priority Area: K-12 System Data

Organization: DDOE in collaboration with all Delaware LEAs and Charter Schools.

Description: This project will leverage work completed by the DDOE under Race to the Top by addressing data gaps and providing support to enable all users to effectively and easily use educational information for data driven management. The DDOE will complete a significant phase in its construction of a P-20 longitudinal data system to support Delaware schools mid-2012. That is when the Insight Data Warehouse and the Insight Dashboard projects will deliver a functional system for decision support. While this is a milestone for functionality, the system will require substantial new resources to meet the requirements of a fully functioning and sustainable longitudinal data system. The success DDOE has demonstrated in designing and implementing the Warehouse and Dashboard has positioned us now to engage the next phase—achieving a significant reliance upon the K-12 SLDS for decision making, reporting, and research such that legacy systems and processes can be retired. This initiative has the support and endorsement of all school district superintendents in Delaware.

Expected Deliverables: Three project deliverables are key in this next phase. DDOE must respond to the needs of teachers and schools to add content to the Insight Dashboard's analytic and reporting capabilities. The top of the user priority list is local assessment scores that can be linked to the other data already in the Data Warehouse tables. This first project will assist teachers to build their local assessments, present them on-line to their students, score them, and analyze the results for interpretation within the context of their own curriculum.

The second deliverable is to train and support all users of the Insight Data Warehouse and Dashboard to improve and maintain data quality as well as to ensure proper interpretation and use of the data and reports from the Insight Dashboard. In addition to direct training activities, this project will create an on-going resource of materials for training and support.

The third deliverable is to complete the migration of legacy repositories and reports to the Insight Data Warehouse. Only 33 source repositories and a few of their standard reports were initially included in the funding for building of the data warehouse. There remain all the other legacy repositories that the schools, districts, and DDOE staff manage. This project will reduce staff burden while eliminating the opportunity for redundancy with the data warehouse.

The technology initiative begun by the Insight Data Warehouse and Dashboard to improve data quality and increased data for decision-making will lose momentum without a new funding source. The initiative logically continues its momentum with these three projects, adding content, training users, and migrating the remaining legacy repositories.