

# Minnesota

## Minnesota Department of Education R384A100031

Project Title: *Minnesota Education Data Systems for 21<sup>st</sup> Century Learning*

The Minnesota Department of Education (MDE) proposes the project *Minnesota Education Data Systems for 21<sup>st</sup> Century Learning* to build upon successes of the state's initial P-12 Longitudinal Data System (LDS), which currently tracks student enrollment, demographics and statewide assessment data. The proposed system improvements will transition Minnesota's education data capacity to a fully interoperable, enterprise-level data collection, reporting and analysis system. These improvements will include solid data sharing connections across multiple state agencies with links among P-12 education, post secondary education, and the workforce to support the continuous improvement of statewide education services and inform policy and practice.

**System Improvement Goal A:** Upgrade current data collection systems to simplify data reporting, support accountability systems, and meet additional data elements required by the America COMPETES Act. The collected data will be stored in the P-12 LDS warehouse. The outcome for this Goal is the enterprise data collections systems—Student Education Reporting and Viewing Systems (SERVS)—which includes four products: 1) Base Infrastructure, 2) SERVS Student, 3) SERVS Staff, and 4) SERVS Organization.

**System Improvement Goal B:** Create a second data warehouse to support accurate management and analysis of disaggregated P-20 data. MDE will manage this warehouse through an interagency governance structure. The new, linkable system will include data from P-12, post secondary and the workforce. The outcome for this Goal is a linkable P-20 interagency warehouse, which includes one product: a Statewide Longitudinal Education Data System (SLEDS).

**System Improvement Goal C:** Expand data analytic tools for educational research and evaluation to improve student academic achievement and close the achievement gaps. The outcome for this Goal is analytic portals, which includes two products: 1) an extended Educator Portal and 2) the P-20 Research Portal.

Minnesota's current P-12 LDS includes nine of the twelve data elements required in the America COMPETES Act. The proposed System Improvement Goals address the three remaining elements—1) linking teachers to courses to students, 2) end of course completion information and 3) student transition from P-12 to post secondary data. By adding these three elements, Minnesota will meet the requirements of the Race to the Top Application as well as the four assurances of the State Fiscal Stabilization Fund Application.

MDE's work partners on this project include the Office of Higher Education, Office of Enterprise Technology, Department of Employment and Economic Development, as well as the P-20 Education Partnership and the State Advisory Council on Early Childhood Education and Care.

The activities proposed in this grant application align with Minnesota's newly developed Education Performance Vision and the state's Ten Policy Initiatives to support continuous instructional improvement and informed decision-making at the school, district and state levels.