

West Virginia

West Virginia Department of Education
R372A120019

Project Title: *Development of a Comprehensive State Longitudinal Data System for West Virginia Public Schools*

Project Description: The West Virginia Department of Education (the SEA) seeks funding under Priority 1. K- 12 Data System to design, develop, and implement a state longitudinal data system (SLDS) for pre-K through 12th grade. While the current West Virginia Education Information System fulfills state and federal minimum reporting requirements, it does not meet all the rapidly evolving data demands of public education in the 21st

The first goal is to establish the SLDS formal governance and policy requirements with the following objectives: (1.1) define the needs and uses of the SLDS, (1.2) establish a comprehensive governance structure for the SLDS, (1.3) build institutional support for the SLDS, and (1.4) establish a sustainability plan for the SLDS. The second goal is to address technical requirements related to key data elements within the SLDS with the following objectives: (2.1) establish guidelines and requirements for inclusion of data elements that address federal reporting requirements, (2.2) establish guidelines and requirements to uphold privacy, (2.3) develop processes and procedures to ensure high data quality for key elements in the SLDS, (2.4) ensure interoperability between the SLDS elements and external systems, and (2.5) enhance current enterprise-wide architecture. The third goal is to promote access to and use of data from the SLDS with the following objectives: (3.1) select an SLDS solution that supports secure access for all user levels of the SLDS, (3.2) ensure that deliverables are developed and targeted toward the end users' needs as specified in governance documents, (3.3) establish and implement a professional development structure on how to access and use data tools and products, (3.4) establish and implement a professional development structure to apply and interpret data to inform decision making, (3.5) establish a process for evaluating effectiveness of data tools and related professional development, (3.6) establish policies to ensure effective partnerships with the research community, and (3.7) establish a sustainability plan for data access tools, processes, and training century. With funding from this grant, West Virginia will develop a comprehensive SLDS that provides educators, policy makers, and researchers with access to essential data and data-analysis tools to support student achievement and school improvement.

The primary deliverable will be West Virginia's new comprehensive SLDS, which will be disseminated via a new web-based portal. Another deliverable will be a data governance structure, which will include teachers, school leaders, parents, researchers, and state agency representatives. These stakeholders will provide input into the design and ongoing improvement of the SLDS to meet their needs for timely and accurate data and reporting to support student achievement, school improvement, and accountability. The project also will provide tools for using the data effectively and develop an ongoing professional development program for all levels—from teachers to state-level policy makers—regarding use of the data.
