

New York State Education Department
R372A230019

Project Title: New York State Longitudinal Data System

Project Description: New York State (NYS) proposes developing a statewide longitudinal data system (SLDS) that will ultimately integrate data from P-12, higher education, and workforce data sets. This P20W SLDS will help NYS answer critical questions about the quality and alignment of education across all grade levels and higher education as well as preparation of students for the workforce. Currently, NYS has disparate, siloed systems that need to be modernized (infrastructure) in order to integrate data sets (interoperability). The main goal of the proposed project is to achieve what we are calling a "Phase 1 SLDS" that can demonstrate proof of concept for a P20W SLDS, which would be developed following the grant period. This proposal sets out a series of activities required to achieve our goal of a Phase 1 SLDS:

1. Update the current P12 data warehouse infrastructure such that it can support the interoperability needs of an SLDS.
2. Develop policies and standard practices that support timely data collection and transfer of quality data sets at both the local and state levels.
3. Build public support for an interoperable SLDS among stakeholders, including parents, teachers, administrators, data privacy advocates, legislators, policymakers, and other community members.
4. Provide proof of concept for the efficacy of an SLDS by linking NYSED's current P12 data warehouse to include data from the Office of the Professions (workforce data) and eventually the State University of New York and City University of New York, the two public higher education systems in the state.
5. Identify key questions that an SLDS would be able to answer in order to demonstrate the value of such a comprehensive system.

EXPECTED OUTCOMES

We propose seven outcomes that include both the technological work required to achieve our goal as well as the contextual development necessary to support implementation of an SLDS in New York State:

OUTCOME 1 - Kick off initiative and align all stakeholders around the mission and vision for the work.

OUTCOME 2 - Update policies and standard practices to support implementation of the SLDS plan.

OUTCOME 3 - Finalize all decisions related to infrastructure and interoperability.

OUTCOME 4 - Expand current data warehouse infrastructure to support interoperability for the proof of concept.

OUTCOME 5 - Expand interoperable data warehouse to include other statewide data sources in Phase 1 SLDS.

OUTCOME 6 - Achieve continuous improvement through stakeholder input and feedback.

OUTCOME 7 - Maintain proper oversight of the project through an SLDS Working Group.