

Nevada Department of Education
R372A230022

Project Title: Nevada SLDS School Funding

Project Description: The Nevada Department of Education (NDE) will use grant funds to improve the Department's existing capabilities to collect store and report on school level funding data:

1. Contract with vendor to identify and collect necessary school level finance data to meet State and Federal reporting requirements.
2. Link financial data to the Department's data systems for collection, storage, and reporting.
3. Expand the CEDS data schema to include school level financial data and import financial data collected into the CEDS data warehouse. NDE will utilize its involvement with the CEDS Consortia, CCSSO, EIS and other national educational interest groups to standardize school level finance data and expand the CEDS data schema to accept school level financial data.
4. Link financial data in CEDS to the Nevada Pre-K to Workforce Reporting (NPWR) system.
5. Analysis of School Funding Patterns Over Time.

Details

1. The Nevada Department of Education (NDE) will identify school level finance data required to analyze school funding patterns over time. Currently this data resides in several different sources and the NDE will establish agreements with the entities that source the data to gain access to the information. NDE will work to consolidate the data into a single source or reduce the number of sources if possible.
2. NDE will link the various sources, or consolidated sources, of school finance data to the existing Department's data collection systems. The Department will leverage work completed as part of the 2019 SDLS grant to automate the collection of the data into the Azure cloud infrastructure and stage that data in the Snow Flake data lake.
3. NDE will work closely with the CEDS community to expand the CEDS data warehouse physical model to include school level finance data. NDE will leverage its involvement in the consortia and prior experience with CEDS to develop a standard for the storage of finance data that will benefit the entire CEDS community.
4. The Department will link the financial data in the CEDS data warehouse to the Nevada PreK to Workforce Reporting (NPWR) system. By linking this data to NPWR the data will be available for external research purposes. NDE will develop a new school funding dashboard with uses the data to show funding patterns over time.

These objectives build on past work completed using SLDS grant funds, will advance the CEDS data schema, benefitting the whole CEDS community, allow for researcher to include school funding data in their analysis, and increase transparency into school funding patterns in Nevada..