

SLDS Data Quality Management & Standards

This document describes the management and quality standards of data in the Statewide Longitudinal Data System. Data quality management entails the establishment and implementation of roles, responsibilities, policies, and procedures concerning data acquisition, maintenance, and dissemination.

Data Vision Statement

A role of the Idaho Data Management Council is to oversee the quality of the data that is loaded into, maintained, and disseminated from the P-20W SLDS. Once the data has been validated and the system is operational, the data will be “fit” for users to analyze and draw conclusions from because they meet council-defined high quality standards of accuracy, precision, resolution, completeness, consistency, comprehensiveness, and timeliness. *May need to address user-friendliness here.*

Set data quality standards in:

- Accuracy – data are correct & values are valid within an acceptable range of variance.
- Precision – the variance in the data is evaluated and controlled.
- Accessibility – data should be easy to access in a user-friendly format.
- Consistency – source data loads should be standardized and reliable over time.
- Currency – data should be up-to-date.
- Granularity/Resolution – The data attributes and values should be defined at the appropriate level of detail, while meeting FERPA, other legal regulations, as well as SBOE policy.
- Comprehensiveness – Future (or proposed) data elements are periodically reviewed for inclusion in the system.
- Relevancy – data are meaningful to the performance of the process or application for which they were intended...*next time.*
- Timeliness – data availability in near real-time.
- Edits/Changes – modifying or creating source data in the warehouse or repository...*next time.*
- Data Dictionary Definition – Data definitions should be provided so that current and future data users will know what each data element means.
- Processes & procedures for determining some of the above which would be set as needed or on a case by case basis.

Need to describe data acceptance standards (above) and that the council has “the say” over what we can accept (i.e., load) into the SLDS. The council is the authority on these data. This is not to say that we dictate to school districts or institutions on how they should enter their data, only what data will be accepted into the system.