Improving Education Data Part 2 – Coordinating Quality Data

The Online Forum Curriculum for Improving Education Data was developed by the National Forum on Education Statistics (the Forum). The Forum is an entity of the National Cooperative Education Statistics System, which was established by the National Center for Education Statistics (NCES).

Publications of the Forum do not undergo the same formal review required for products of NCES. The information and opinions published here are those of the National Forum on Education Statistics and do not necessarily represent the policy or views of the U.S. Department of Education or the National Center for Education Statistics.

Credits


Lesson 11 – Validating and Auditing Data

Lesson 3 - Data Steward/Coordinator Responsibilities
Lesson 4 - Data Flow and Data Cycles
Lesson 6 - Data Entry Issues
Lesson 8 - Creating and Using a Data Dictionary
Lesson 9 - Developing a Data Calendar
Lesson 10 - Types of Data Errors
Lesson 12 - Communication
Lesson 31 - Validating and Auditing Data
Lesson 13 - Communication
Data Errors as Human Mistakes

Objectives

1. Describe the steps involved in data validation
2. Identify purpose, elements of effective data audit
3. Outline a plan for data audit

Basic Vocabulary

Data Validation: a procedure for determining that all data values entered into a system are accurate.
Data Audit: a procedure for monitoring the quality of data by analyzing data-system reports for anomalies, inaccuracies, and missing data.
Authoritative Source: document, guideline, person, information, or data system that is presumed to contain the correct values for a particular piece of data.