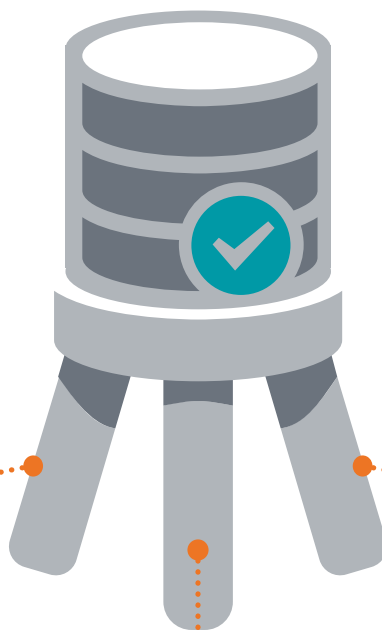


The Role of IIS in Data Quality

Data quality management encompasses all the activities performed by the IIS program to support use of IIS data. These activities aim to improve data quality and include both actions by program staff as well as technological functionality of the IIS. The role of the IIS program in this capacity can be described using three key responsibilities:



Maintain system functionality

This role refers to the technological capabilities of the IIS itself.

Examples include:

- Utilizing data validation functionality on entry screens of the IIS's user interface.
- Adopting the latest new messaging standards, vaccine codes, and other standards in a timely manner.
- Reviewing data exchange business rules and processing outcomes on a periodic basis.

Ensure quality data feeds

This role refers to actions by IIS program staff to improve the quality of new data entering the IIS.

Examples include:

- Using robust onboarding processes to establish quality electronic interfaces with new data sources.
- Reviewing quality of IIS data from each data source and intervening if needed.
- Recruiting non-participating providers.

Improve the existing data set

This role refers to actions by IIS staff to improve the quality of data already in the IIS.

Examples include:

- Running routine and ad-hoc queries to uncover potential issues in the data (and fixing them).
- Performing mass clean-ups and updates of IIS data as appropriate.
- Using data for reminder/recall and other purposes.



Want to learn more?

This quick reference guide was adapted from "Data Quality for IIS." Find it and other useful training and resources for IIS at www.phii.org/iishub.