IDC *IDEA DATA* **CENTER**

Building Capacity for High-Quality *IDEA* Data

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Data Quality in the Age of SSIP

Measure Twice. Cut Once.

SSIP Interactive Institutes

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Data Quality: What Is It?

- Data that are fit for use
- OSEP uses
    - Timeliness
    - Completeness
    - Accuracy
- A strong addition when considering SSIP would be **usefulness**
- Ultimately, quality data are error free, measure what you intend to measure, and arrive in time to be of use

Why Care About Data Quality?

- "Death is the most serious result of inaccurate and incomplete data" (Neely and Cook, 2011)

  - SSIP probably isn't life and death, but quality data still matter

    - Need to be consistent to measure trends

    - Phase 2 involves evaluating program

      - "Bad" data distort the picture you are viewing

      - Need to know when and when not to course correct

- No one likes a Data Quality Report from OSEP with a lot of comments

Getting to Quality Data for the SSIP

- How do I intend to use my data?

- How stable will my collection/data points be?

- Can I build in specific edit checks?

- What training do I need to give data collectors?

- Do I have enough meta-data to understand my data?

- Have I reviewed the data to determine validity and reliability?

- Did I learn any lessons that an be applied to next year's collection?

Pre-Collection Considerations

Post-Collection Considerations

618 Data Quality Plug

- Data Quality is increasingly important

  - More and more of the 618 data are being used for high stakes decisions at ED

- Building in more sophisticated edit checks

  - Increases the role of strong meta-data and meta-data to collected data checks

- Data quality has been improving over the past several years

  - Thank you, states ☺

  - Let's keep up the solid work

Final Thoughts

- Be a data quality sleuth

- If the data don't make sense, say/do something

- Good ideas based on bad data may not turn out as positively as you might hope

Questions??

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For More Information

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