





## Early Childhood Data Literacy to Support State and Local Stakeholder Engagement and Data Use

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#### Presenters

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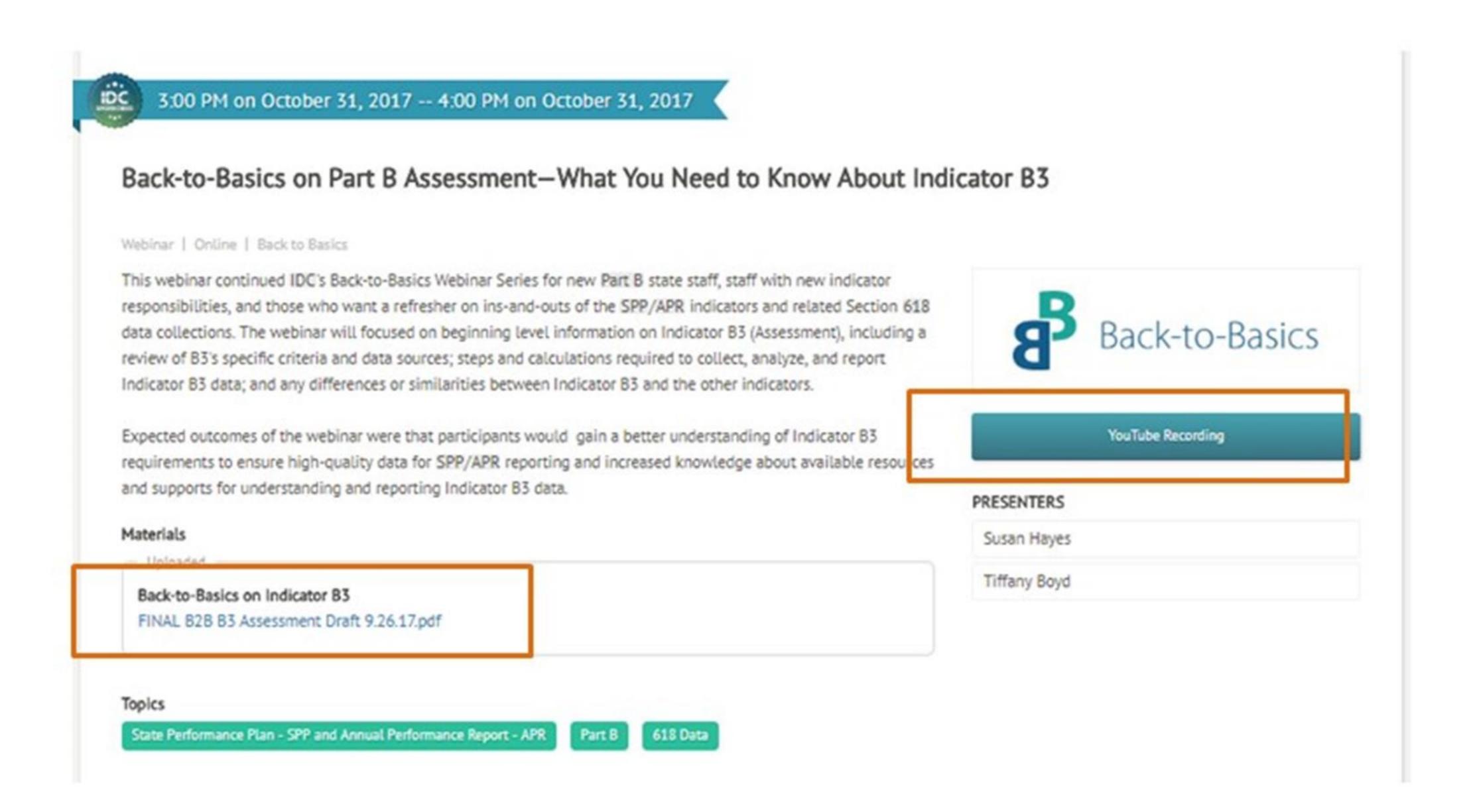
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#### Presenters

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## Agenda

- Overview of Webinar
- Participant Outcomes
- Rationale for Data Literacy in Early Childhood Data Systems
- Arizona Part C Success Story Highlights
- New Hampshire Part B 619 Success Story Highlights
- Helpful Resources





### Participant Outcomes

- Enhance understanding of what data literacy is and why it is important
- Increase understanding of how states can use technical assistance (TA) services, tools, and strategies to improve data literacy, data use, and stakeholder engagement in decisionmaking at the state and local levels





### What Is Data Literacy?

- Data literacy includes
  - Understanding data
  - Communicating about data
  - Using data to make decisions
- It involves
  - Using a common language
  - Engaging in thoughtful dialogue
  - Making continuous improvement in early childhood programs





# Why Is Data Literacy Important for Early Childhood Data Systems?

Data literacy helps create a shared understanding of the meaning and use of data across all levels of the system.





# How Can Early Childhood Data Systems Support Data Literacy?

- Infrastructure
- Stakeholder engagement
- Professional learning





## Arizona Part C State Success Highlights

- What the state did to develop data literacy
- Why data literacy is important to its early intervention (EI) data system
- How the state supports data literacy within its EI data system
- What worked and what was challenging





#### Arizona Part C Context

- In the early stages of the State Systemic Improvement Plan (SSIP) process, there were various data meetings to analyze infrastructure and determine the focus for the state's improvement activities
- State selected social-emotional State-identified Measurable Result (SiMR), which posed a challenge due to the lack of complete data
- State collects data through a statewide, robust data system





## What Worked to Support Data Literacy?

- IDC's Data Meeting Protocol state team modified the tool for shorter stakeholder meetings to target specific data
- IDC's Data Processes Toolkit landscape information is helpful across all compliance and results indicators and for onboarding staff
- IDC's Back to Basics Webinars lead agency used for onboarding and adapted them for local programs
- Professional development with local programs using one-onone TA on data literacy and data use during data quality sessions





## What Was Challenging?

- Culture shift programs were prone to excuses for lack of data entry
- Implementation of evidence-based practices (EBPs) and new contracts at same time as focus on data was epic
- Early on, multiple data systems and processes were not widely used by all field staff
- Different skill levels and technology variants made it time-consuming to build a level of comfort with data literacy and analysis of data for decisionmaking





## How Data Literacy Enabled Arizona to Engage Stakeholders in Data-Based Decisionmaking

- State provided training and TA to local programs on data entry and data use
- State added many new members to the Interagency Coordinating Council (ICC) and reengaged members through in-depth data discussions around what we are seeing and why
- Push from Governor's Office for data use for business decisions helped the internal agency to align and focus on results





# New Hampshire Part B 619 State Success Highlights

- What the state did to develop data literacy
- Why data literacy is important to the state's vision for early childhood (EC)
- How the state supports data literacy through its SSIP
- What worked and what was challenging





### New Hampshire Part B 619 Context

- Process of identifying the SiMR
- Identification of the SSIP evaluation focus
- Implementation
  - iSocial: Improving Social-Emotional Outcomes through Complementary Infrastructure and Leadership
  - Infrastructure to support practices
  - Implementation Science





#### What Worked?

- Building capacity among stakeholders and state leadership
  - IDC's A Guide to SSIP Evaluation Planning
  - IDC's IDEA Data Center Part B Data Systems Framework
- Building capacity among local implementation teams
  - IDC's Data Meeting Protocol
  - Data Inquiry Cycle





## What Was Challenging?

- Continuum of knowledge stakeholders have about data and data systems
  - Diverse stakeholder groups
  - Variation within stakeholder groups
  - Stakeholder comfort and perceptions about data
  - Time
    - Building the house while we are living in it
    - Getting systems and messaging in place at the appropriate times





## Data Literacy Supports Stakeholders to Develop Structures and Engage in Data-Based Decisionmaking

- Stakeholder based evaluation team
- Stakeholder based database team
- Stakeholder focus groups to vet and provide feedback on tools (e.g., parent engagement survey)





## Data Literacy Supports Stakeholders to Develop Structures and Engage in Data-Based Decisionmaking (cont.)

- Bi-directional feedback loops
  - Multi-level
  - Reflection
  - Validation



## Helpful Resources

#### Data Meeting Toolkit

https://ideadata.org/data-meeting-toolkit

#### Part C IDEA Data Processes Toolkit

https://ideadata.org/resources/resource/1561/part-c-idea-dataprocesses-toolkit

#### A Guide to SSIP Evaluation Planning

https://ideadata.org/sites/default/files/media/documents/2017-09/a\_guide\_to\_ssip\_evaluation\_planning.pdf

#### IDEA Data Center Part B Data System Framework

https://www.ideadata.org/resources/resource/1593/idea-data-center-part-b-data-system-framework





#### Questions





#### Contact Us

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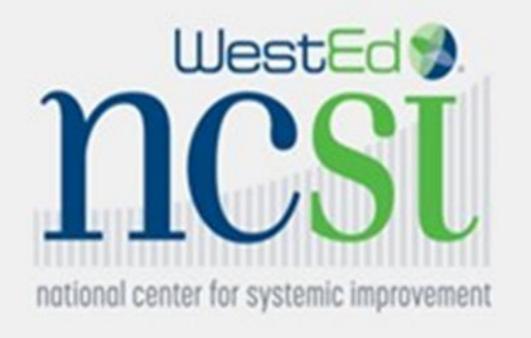
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