



Building Capacity for High-Quality *IDEA* Data

The logo for the IDEA Data Center's 16th annual conference, featuring the text 'ii16' in a large, white, outlined font. The background of the top right section of the slide is a dark blue gradient with a faint, stylized bar chart pattern in shades of green.

IDC Interactive Institutes on High-Quality Part B Data

In collaboration with **CIFR, CIID, & NTACT**

Visualizing IDEA Data

Kansas City, MO – May 10-11, 2016

Dan Mello, IDC

Savannah, GA – June 1-2, 2016

Chris Lysy, IDC

Overview

- Purpose and Context
- Strategies and Chart Building
- Open Discussion

Purpose and Context

- Purpose: Engaging Audiences to Create Understanding
- Legislation—IDEA *Section 616* and *Section 618*
- SSIP Context
- *Telling the Story*

Data Use

Data Use is the ongoing use of data for program accountability, program improvement, and program operations.

State and local staff or representatives prepare data products to promote understanding of the data and inform decisionmaking.

Strategies

Telling the Story

What question are you trying to answer?

What is the context in which this question is answered?

How will your audience understand this question in this context?

What is the purpose of this visualization and how will a visual help tell this story?

Will this communication be effective without a visualization?

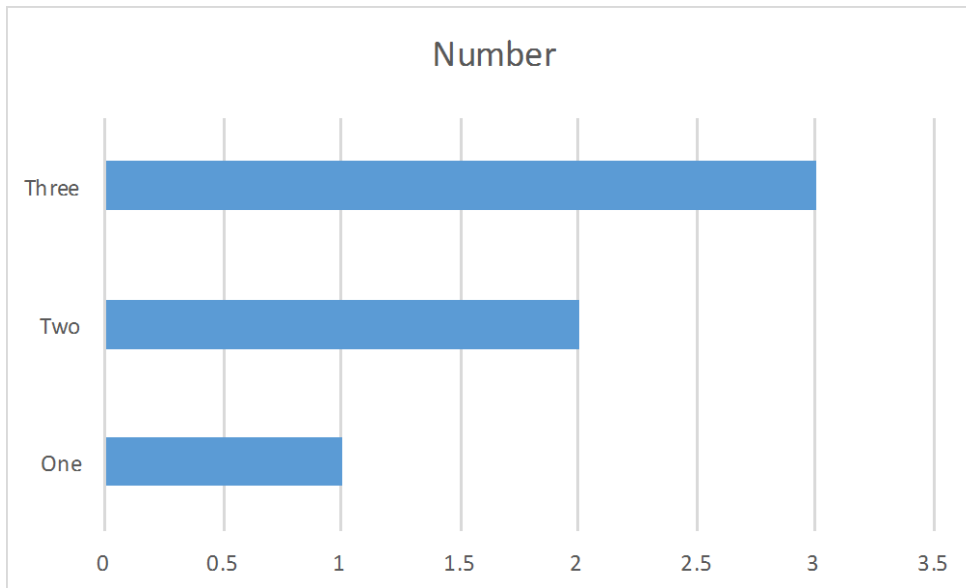
Strategies

IDEA—The Lingo

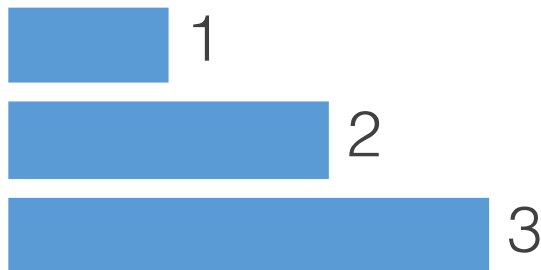
Jargon and Acronyms

Effective Access

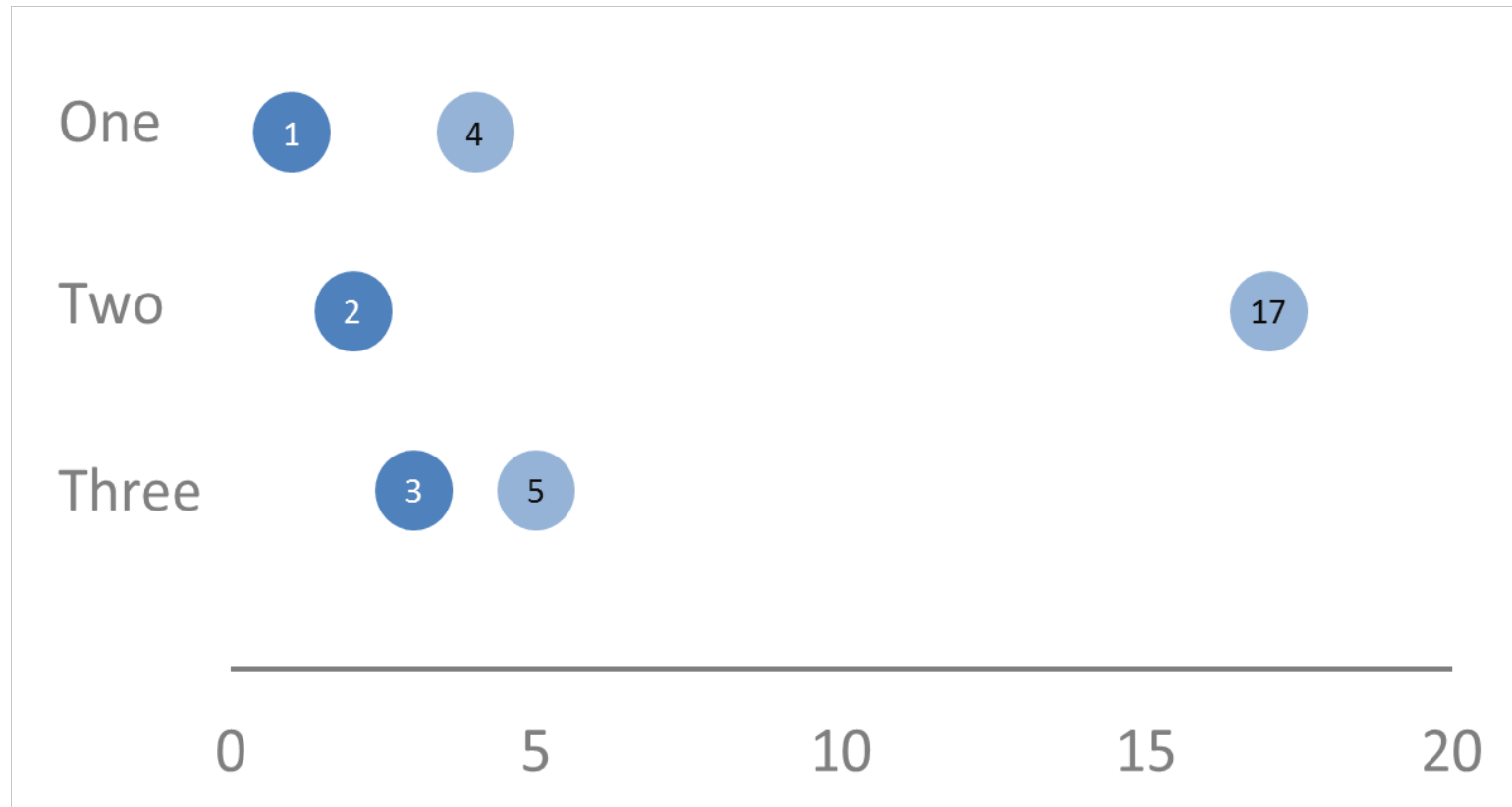
Now to create some charts

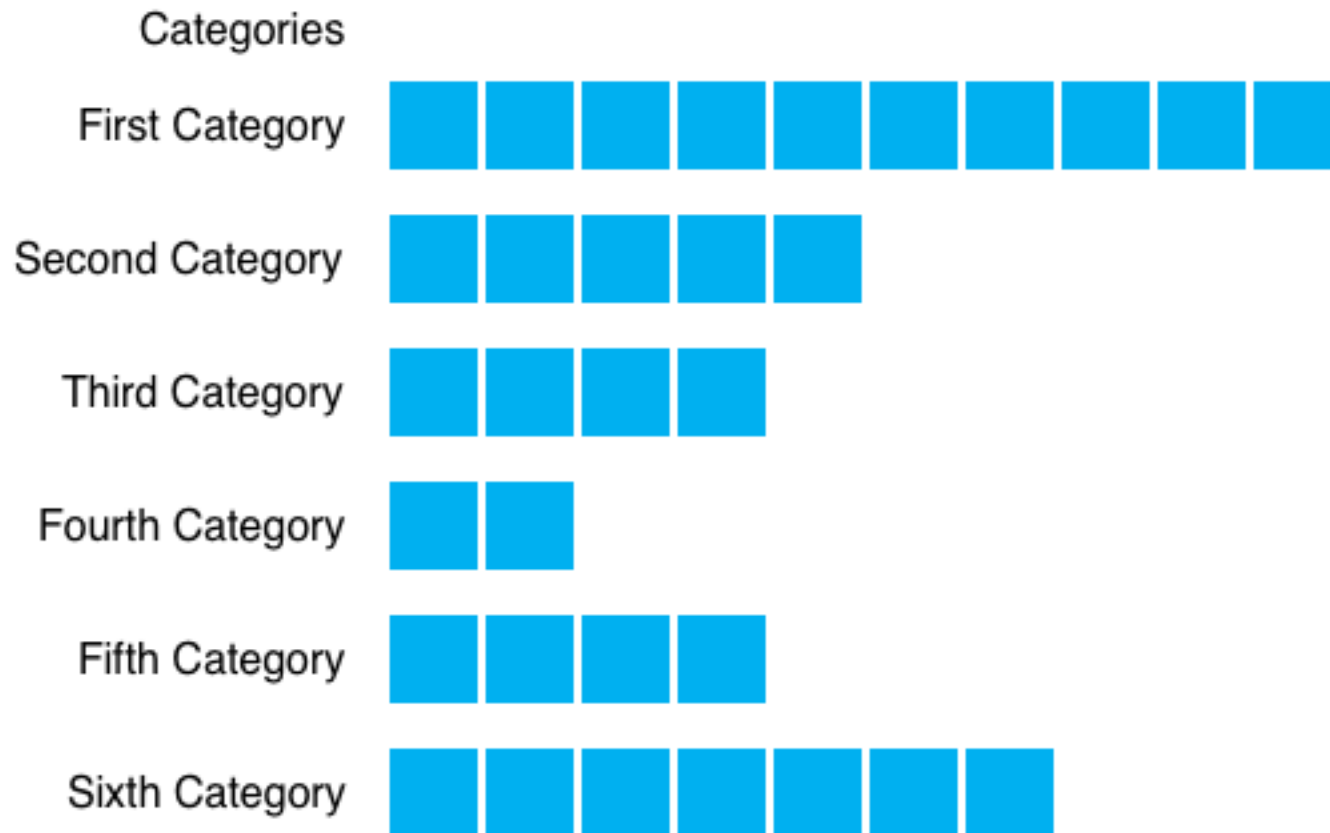


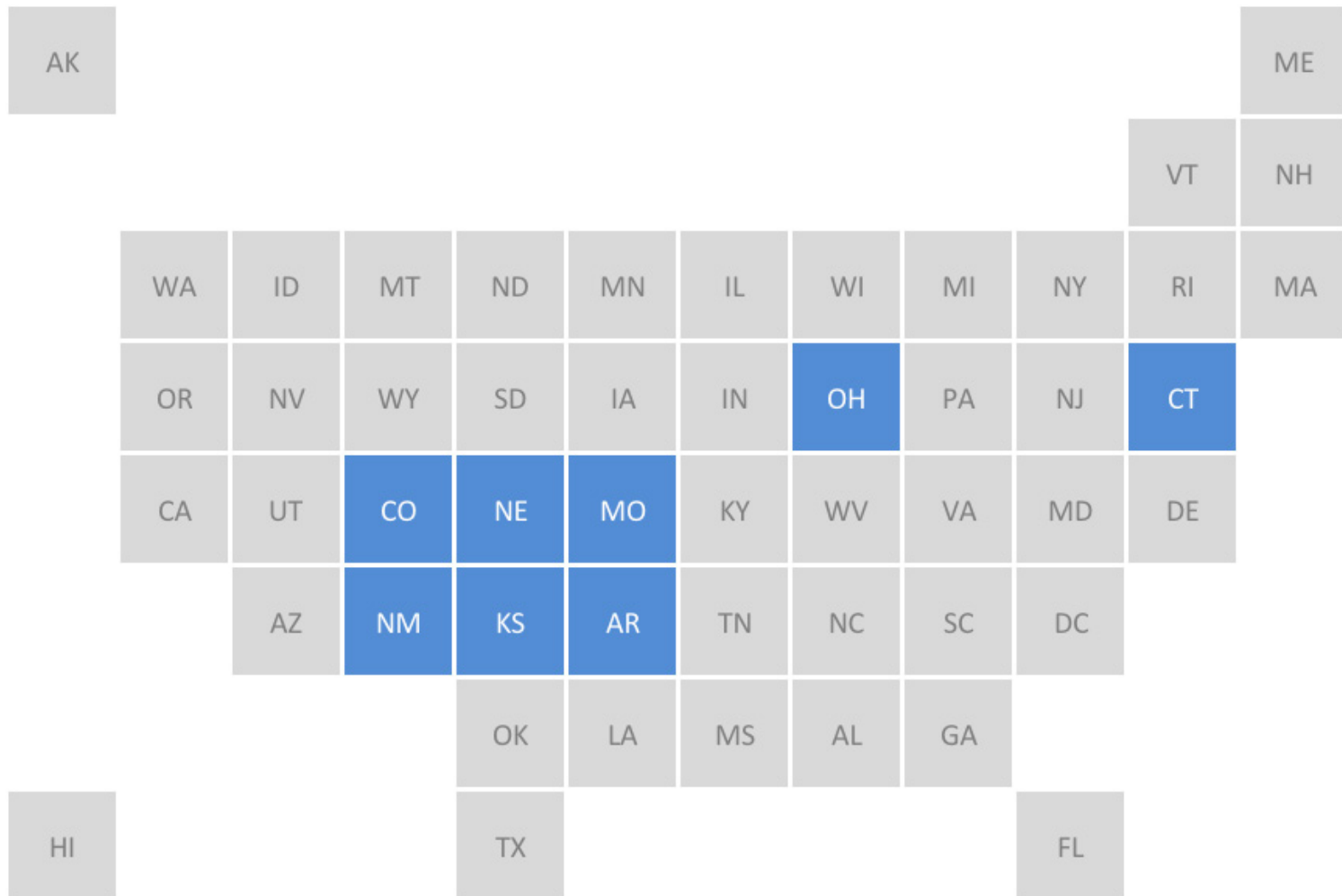
Before



After







Timeline Infographic

The first event.
Plus a little bit of context added in for good measure.



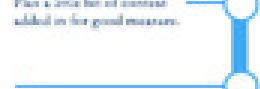
The second event.
Plus a little bit of context added in for good measure.



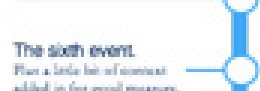
The third event.
Plus a little bit of context added in for good measure.



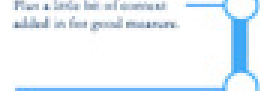
The fourth event.
Plus a little bit of context added in for good measure.



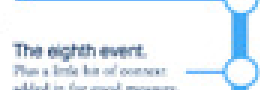
The fifth event.
Plus a little bit of context added in for good measure.



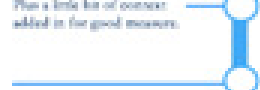
The sixth event.
Plus a little bit of context added in for good measure.



The seventh event.
Plus a little bit of context added in for good measure.



The eighth event.
Plus a little bit of context added in for good measure.



The ninth event.
Plus a little bit of context added in for good measure.

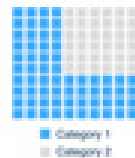


This is a simple dot plot.



"This is some kind of quote."
Maybe with a little context.

This is a simple heat array.



This is a simple dot plot.



Small Multiple Infographic

This is a simple dot plot.



This is a simple dot plot.



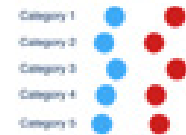
This is a simple dot plot.



This is a simple dot plot.



This is a simple dot plot.



This is a simple dot plot.



This is a simple dot plot.



This is a simple dot plot.



This is a simple dot plot.



Then close it all out with a little bit of analysis.

You know, written stuff that takes a little bit about what we're showing above. Maybe points out something to look for so that they audience who has no idea what they're looking at can get an idea.

Since you are only writing a little bit, the text actually becomes a focal point. Which makes it more likely to be read.

2014 Child Count and Environments

<

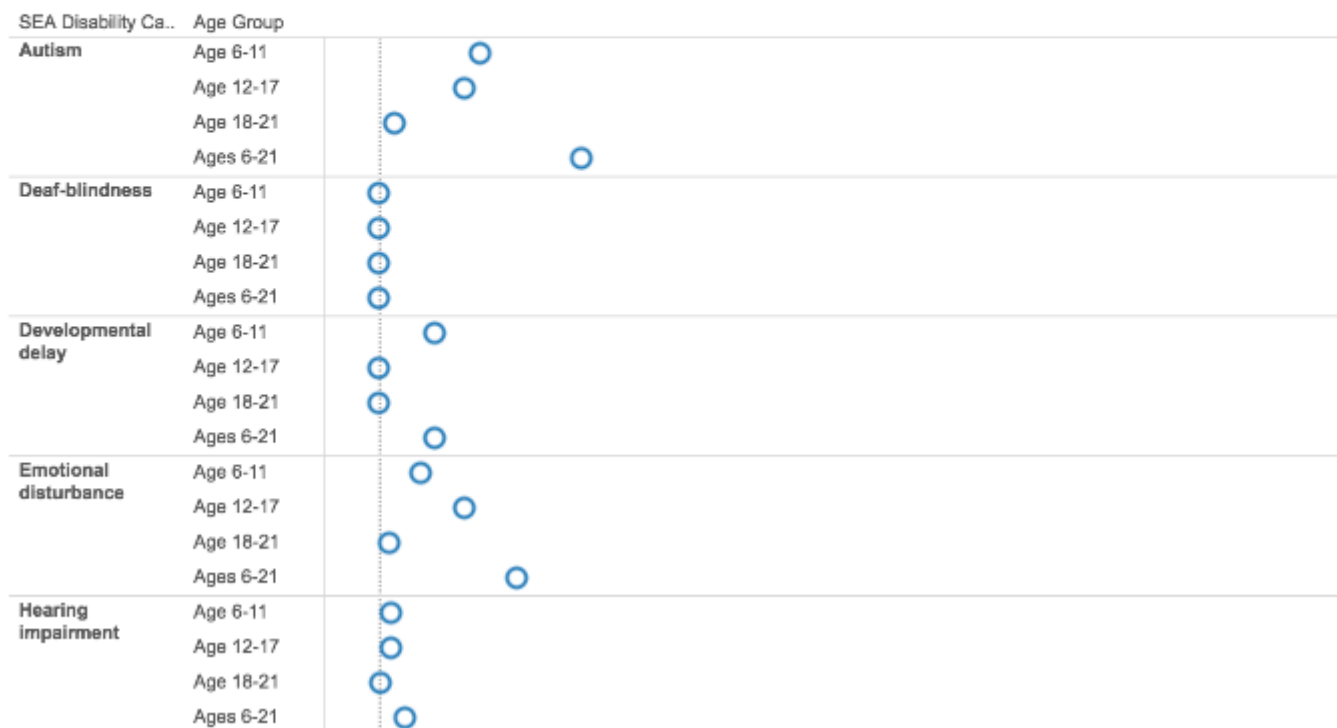
SEA Education Environment

Disability Category by Age Group

Disability Category by Racial and Ethnic Group

Disability Category by Gender and LEP Status

>



State Name

US, Outlying Areas, An... ▼

SEA Education Environ...

Total, Age 6-21 ▼

SEA Disability Category

- ☐ All Disabilities
- ☒ Autism
- ☒ Deaf-blindness
- ☒ Developmental delay
- ☒ Emotional disturbance
- ☒ Hearing impairment
- ☒ Intellectual disability
- ☒ Multiple disabilities
- ☒ Orthopedic impairment
- ☒ Other health impairment
- ☒ Specific learning disability
- ☒ Speech or language impa...
- ☒ Traumatic brain injury
- ☒ Visual impairment

For More Information



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<http://ideadata.org/>



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