

Strategies for Reporting Data

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Overview of Presentation

- SPP/APR Public Reporting Requirements
- Relating Data Quality Principles to Reporting
- Effective Reporting Practices or Utilizing Principles of Visual Presentation

SPP/APR Reporting Requirements

A Review

Part B Requirements for Reporting (1)

- State must report to the public on local performance against the State targets established in the State's SPP.
- Part B
 - For FFY 2005, the State must report on local performance for Indicators 1, 2, 3, 4A, 5, 6, and 12.

Part B Requirements for Reporting (2)

- Part B
 - For FFY 2006, the State must report on local performance for Indicators 1, 2, 3, 4A, 5, 8, 9, 10, 11, 12, and 13.
 - For FFY 2007, the State will need to report on local performance for Indicators 1, 2, 3, 4A, 5, 6, 8, 9, 10, 11, 12, 13, 14.

Part C Requirements for Reporting (1)

- State must report to the public on local performance against the State targets established in the State's SPP.
- Part C
 - For FFY 2005, the State must report on local performance for Indicators 1, 2, 5, 6, 7, and 8.

Part C Requirements for Reporting (2)

- Part C
 - For FFY 2006 and 2007, the State must report on local performance for Indicators 1, 2, 4, 5, 6, 7, and 8.

Minimum Requirements for Reporting (1)

- Public reporting must ensure broad dissemination such as posting on the agency's website.
- Report must be accessible to individuals with disabilities.

Minimum Requirements for Reporting (2)

- Public report must clearly reflect the State targets for the SPP indicators and local performance against those targets.
- Report must be understandable to the public.

Relating Data Quality Principles to Reporting

Alan



What is Known About Visually Reporting Data ?

- Guidelines and/or Evidenced-Based Practices for Displaying Data
- Resources for Improving Presentation of Data to Stakeholders/Consumers

Vision Trumps All the Other Senses

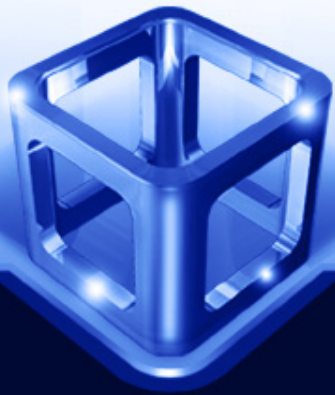
Brain Rules

#10

www.brainrules.net

Vision – What We Know

- Vision takes up half of the Brain's Resources
- What we See is only what our Brain tells us we See – and it's not 100% Accurate
- There are a Number of Steps our Brain follows in Visual Analysis
- We Learn and Remember Best through Pictures, Not through Written or Spoken Words.



'Google' Key Words to Get Started

- 'Visualizing Data' (421,000)
- 'Depicting Data' (2,920,000)
- 'Data Dashboards' (2,140,000)
- 'Visual Business Intelligence' (752,000)

Websites, Blogs, Video & Audio Presentations, etc.



Diagnose Your Graph Design I.Q. ?

Thank You Stephen Few

<http://www.perceptualedge.com/>

For a wealth of information on
graph and table design,
dashboard design, and
information visualization, visit
www.perceptualedge.com.



A Few Words on Charting

Have a Clear Purpose

- If purpose is to communicate insight derived from an analysis to decision makers, determine key message
- Generally speaking, it's a one to one relationship
- If conveying multiple key messages, multiple graphs are often required to communicate them effectively.

!0 Simple Rules

1. Select a Chart Type
2. Add Context
3. Eliminate the nonessential
4. Emphasize the Important
5. Use Color Strategically
6. Ensure Sufficient Contrast
7. Provide interpretation
8. Be Consistent
9. Ensure Adequate Font Size (28+ for PowerPoint)
10. Comply with 508

Depicting Data

Maps:
just an example



Let's Make an Agreement -

- Use the Listservs to share Tips & Resources

The 2009 Data Conference will model:

- State-of-the-Art Examples in Visualizing and Depicting Data
- PowerPoint presentations based on Evidence-Based Practices in Visual Presentation

References and Resources

- ***Annual Public Reporting of Local Education Agency/Early Intervention Services Program Data on the State Performance Plan Indicators and Targets***
 - http://www.rrfcnetwork.org/images/stories/FRC/spp_mat/reporting%20to%20public%20document%20edits%20from%207-10-06.doc
- ***Public Reporting of Local Program Performance: Applying Data Quality Principle to Ensure Report are Useful***
- ***Archived call on RRFC Network – National Call held on April XX, 2008***