Effective visual presentation*

*May not be present in this talk

Why worry?

- n People are judgmental
- n People know what they like
- n If nobody understands your work, it doesn't matter

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Outline

- n Metrics for evaluating visual presentation
- n Presentation tips
- n Software tips

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Data-ink ratio

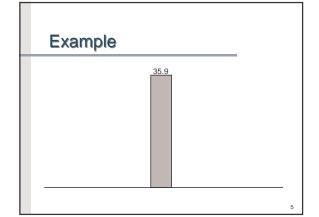
Data-ink ratio =

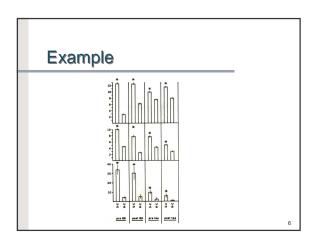
data-ink

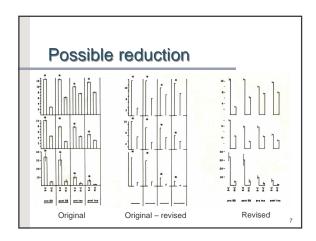
total ink used to print the graphic

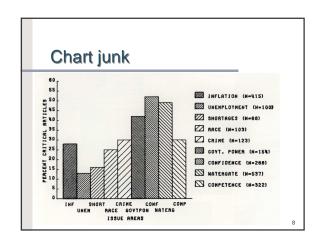
- proportion of a graphic's ink devoted to the non-redundant display of data-information
- 1.0 proportion of a graphic that can be erased without loss of data-information

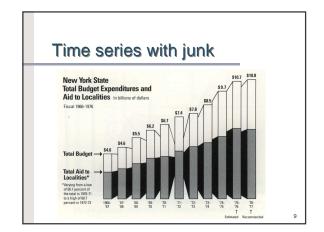
4

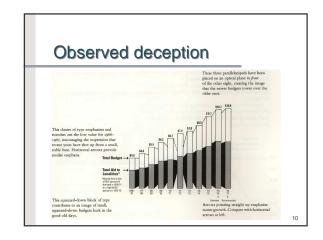


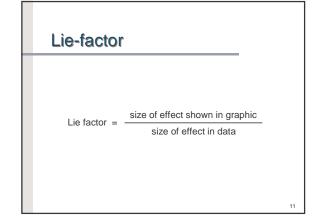


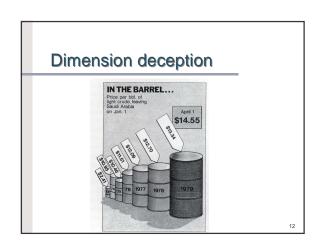


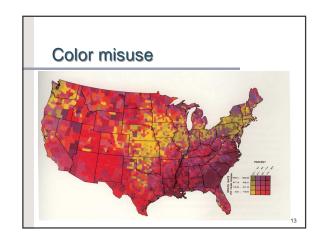


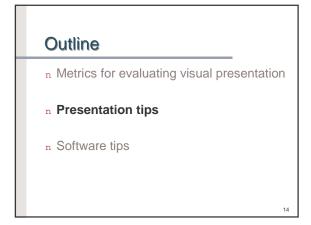


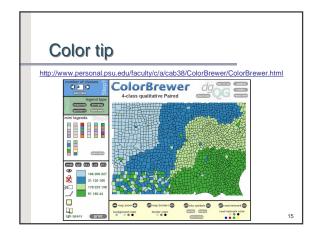


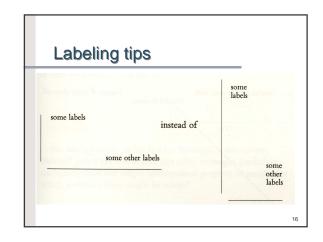


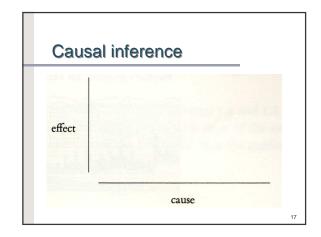












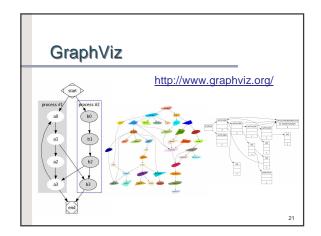




Outline

- n Metrics for evaluating visual presentation
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LaTeX tips

- use pdflatex TeX + ghostscript often produces poor output
- n Bitmap images should be ~300 dpi
- n Line art best from Adobe Illustrator*
- n Gnuplot or MATLAB best for graphs*

*opinior

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Labeling bitmaps in LaTeX

Labeling bitmaps in LaTeX

QuichTime" and a TIFF (Uncompressed) decompressor are needed to see this picture.

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