

Data Visualization Tools, Techniques, and Best Practices April 24, 2019

OMNI Evaluation Team OMNISupport@omni.org

Presented by Cheryl Winston, MPA

OMNI Institute 899 Logan Street, Suite 600 Denver, CO. 80203

www.omni.org p. 303.839.9422 or 800.279.2070 f. 303.839.9420



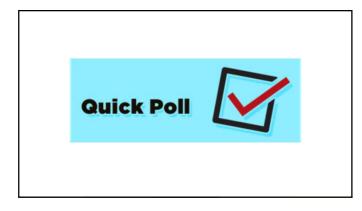




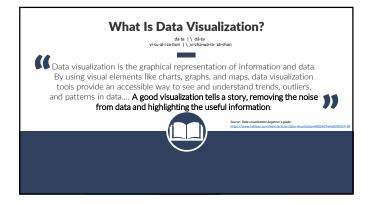
## Today's Agenda

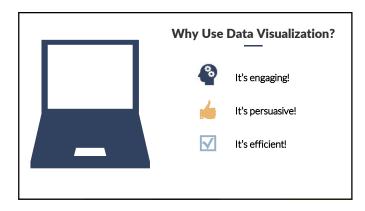
- What is data visualization?
- Consider your audience!
- 3 Common types of data viz
- 4 The good, the bad, and the ugly!
- 5 Let's get down to viz-ness!





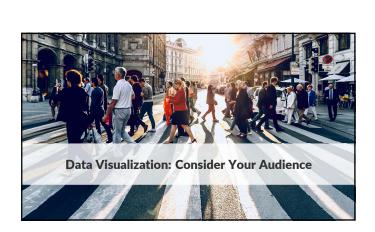














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Analyze your audience and tailor your viz to them! • Who is your audience?

## Analyze your audience and tailor your viz to them!

• What is their capacity?



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• Who is your audience?

• What is their capacity?

What do they need or expect?

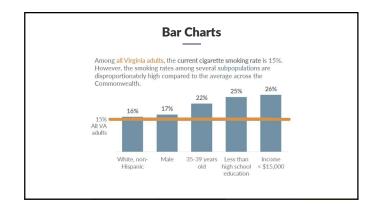


## Analyze your audience and tailor your viz to them!

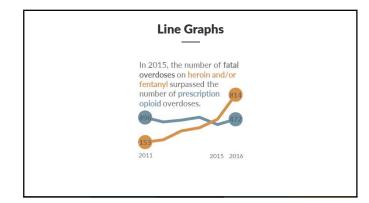
- Who is your audience?
- What is their capacity?
- What do they need or expect?
- Will visualization add value and be effective?





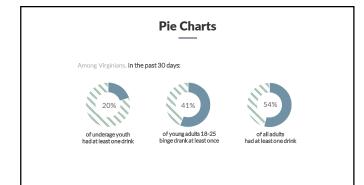






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		Rate per 100,000 (2015)	Rate per 100,000 (2016)	Change from 2015 to 2016*
Opiate Prescription Drug Overdoses	Community X	6.19	7.44	No change
	Community Y	3.24	4.00	↑ Increased
Heroin Overdoses	Community X	4.83	6.48	No change
	Community Y	3.53	4.58	No change
Fentanyl Overdoses	Community X	3.42	8.54	↑ Increased
	Community Y	2.24	6.45	↑ Increased





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