

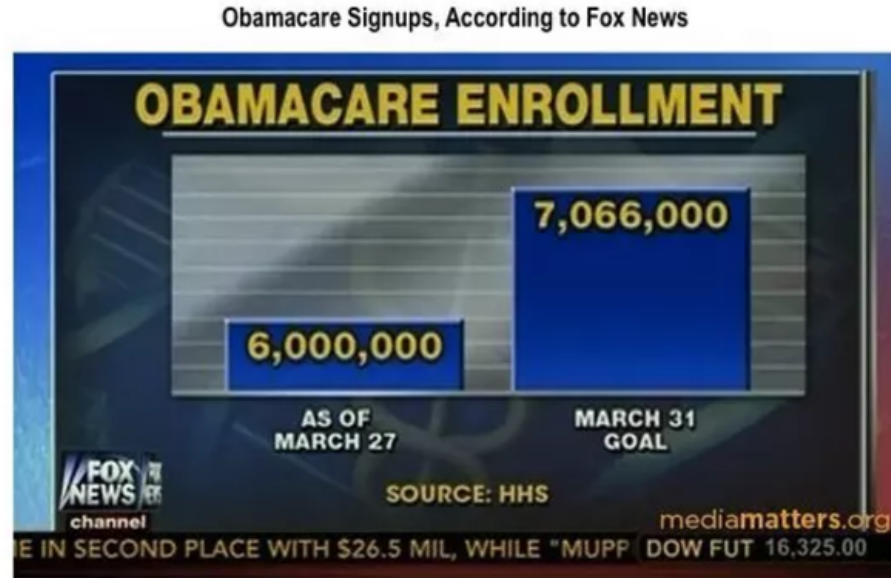
# Visualization Assignment

## Group 4



# Is this graph misleading?

Why, or why not?



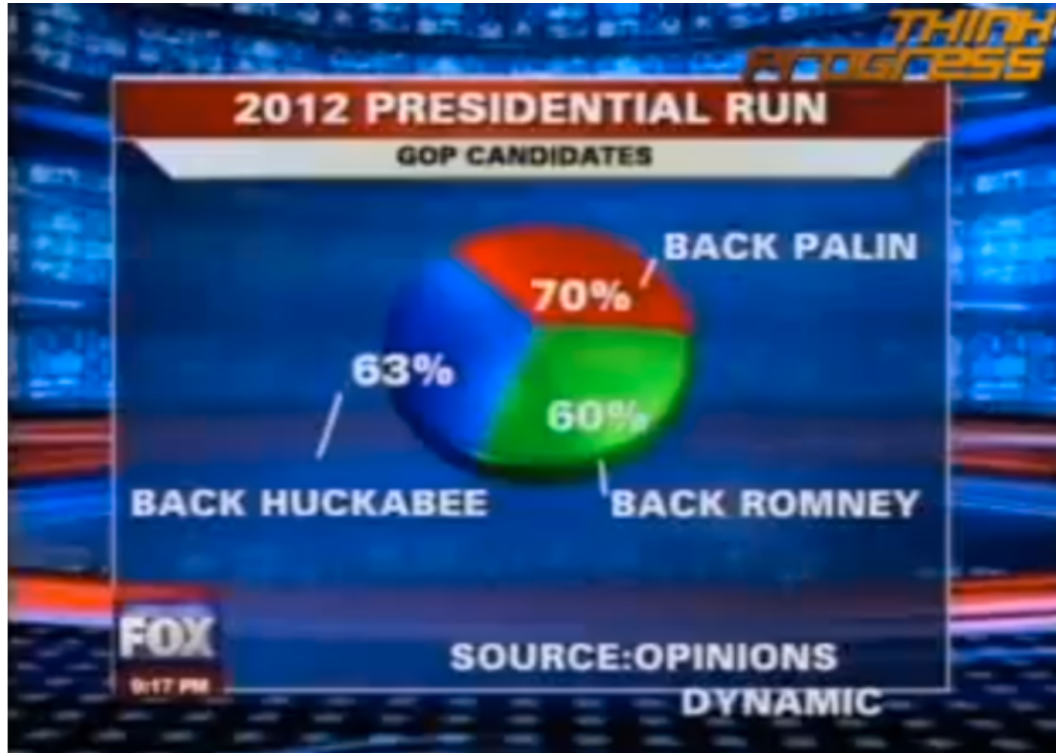
**Bar 6**

Source: Media Matters of America

Source:

[https://www.buzzfeed.com/katienotopoulos/graphs-that-lied-to-us?utm\\_term=.ouMPP3azjz#.jc6pplXbmb](https://www.buzzfeed.com/katienotopoulos/graphs-that-lied-to-us?utm_term=.ouMPP3azjz#.jc6pplXbmb)

# What's wrong with this graph?



Pie 3

# Could this graph be misleading?

If yes, how so?



*Line 7*

Source:

Accessed 7/23/18: <https://www.mediamatters.org/research/2012/10/01/a-history-of-dishonest-fox-charts/190225>

# Which graph is best?

## Most dangerous cities

Total murders in 2014



*Bar 7*

## Most dangerous cities

Murder rate in major US cities in 2014,  
per 100,000 people



*Bar 8*

Source:

<http://news.nationalgeographic.com/2015/06/150619-data-points-five-ways-to-lie-with-charts/>