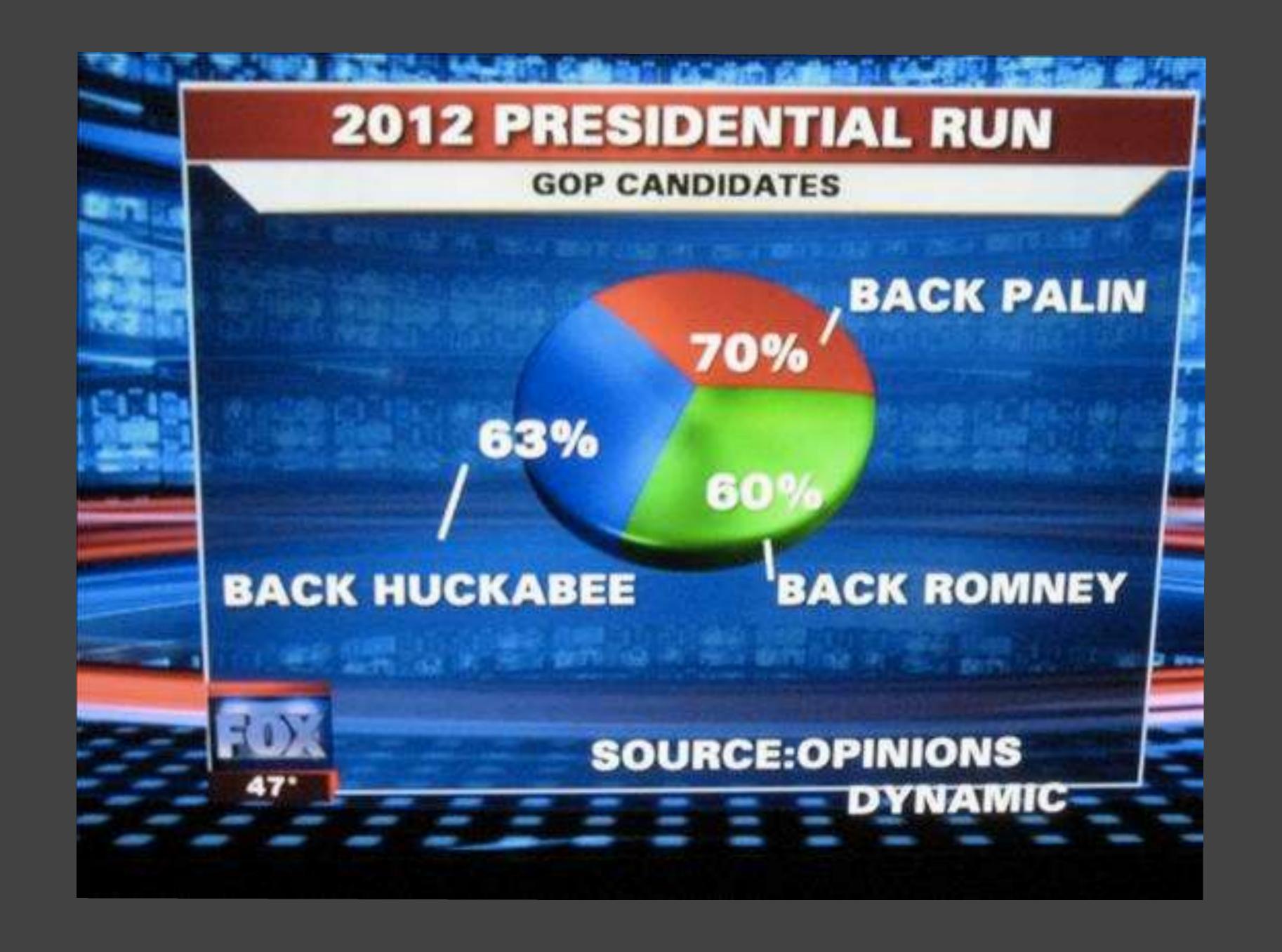
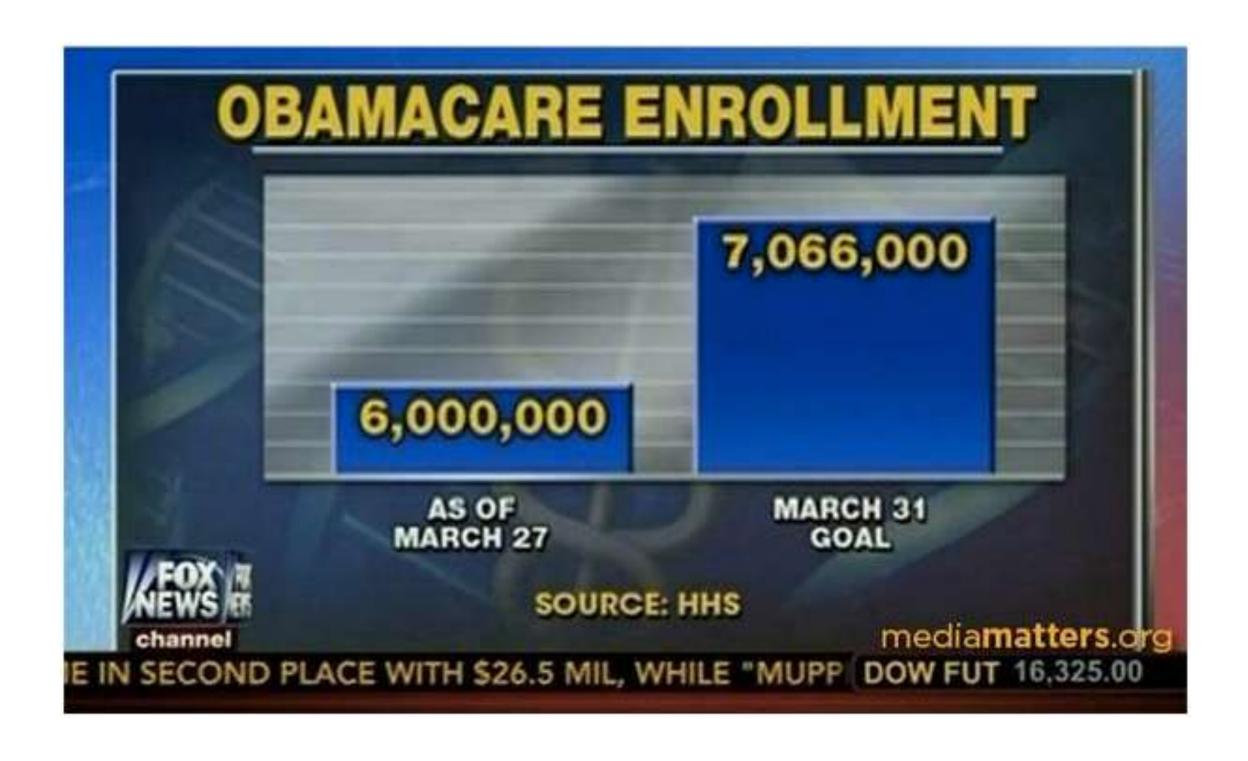
Taming Treacherous Data | DHSI 2018 | Day 1 PM | Deck 2

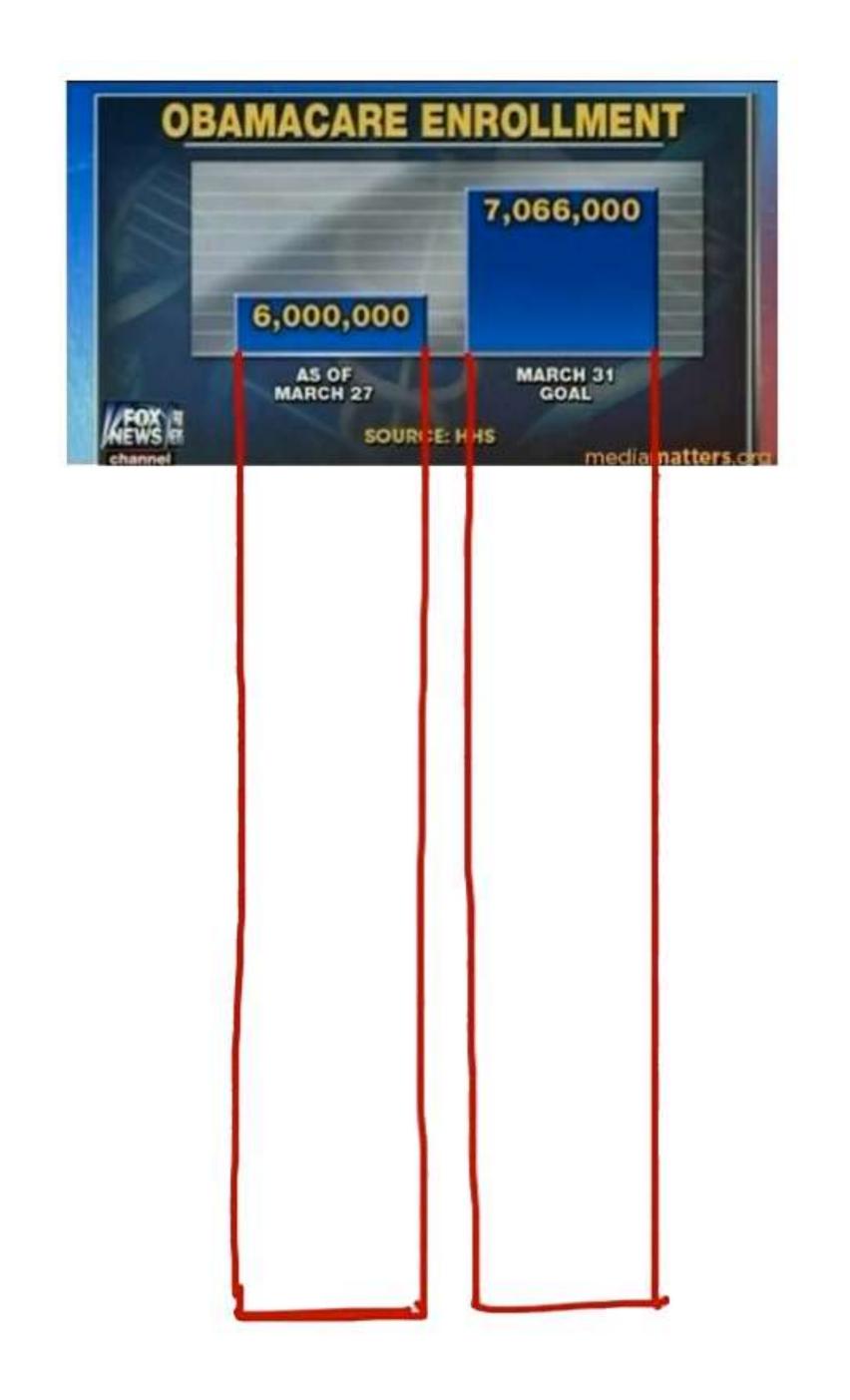
# Best & Worst Visualization Practices



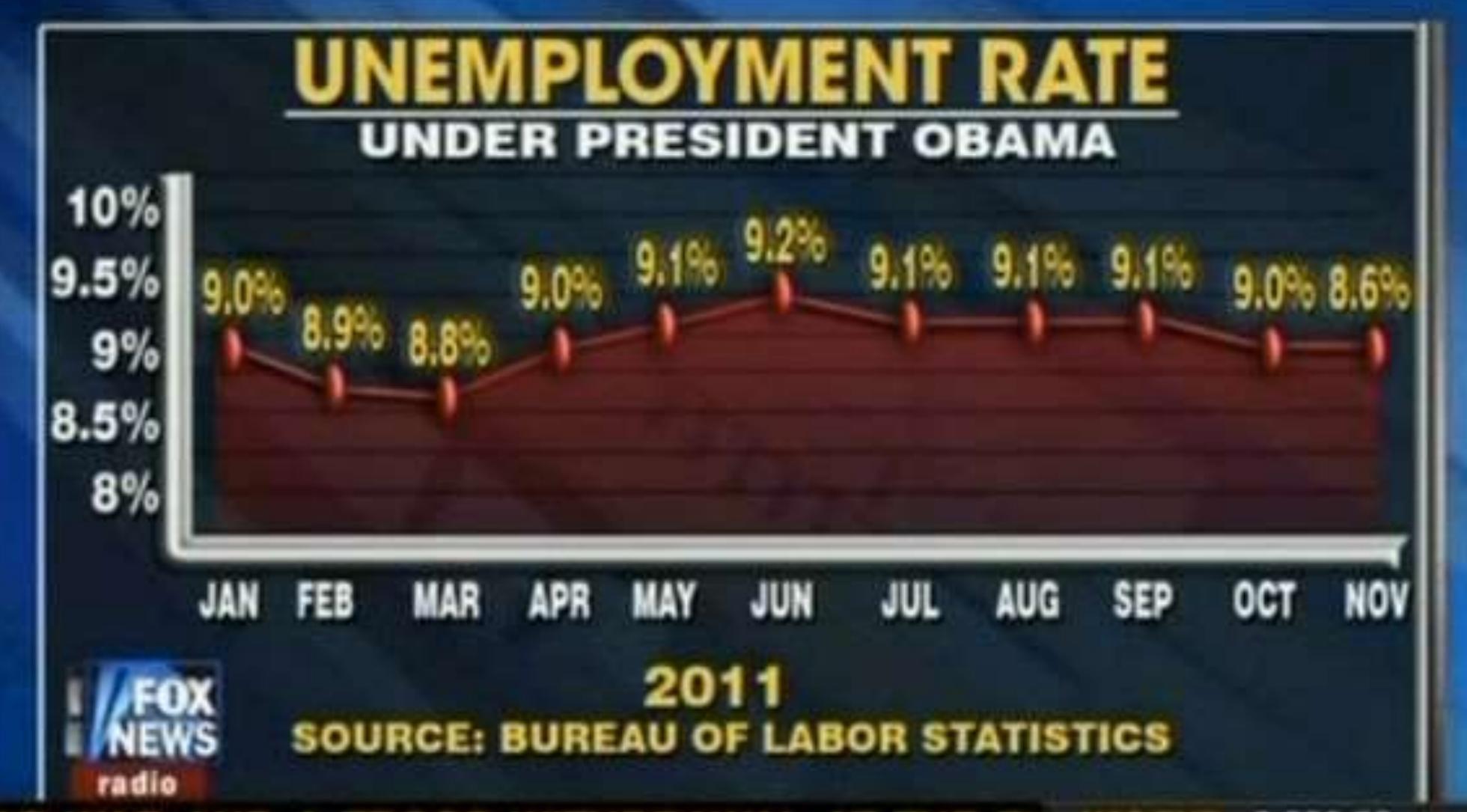




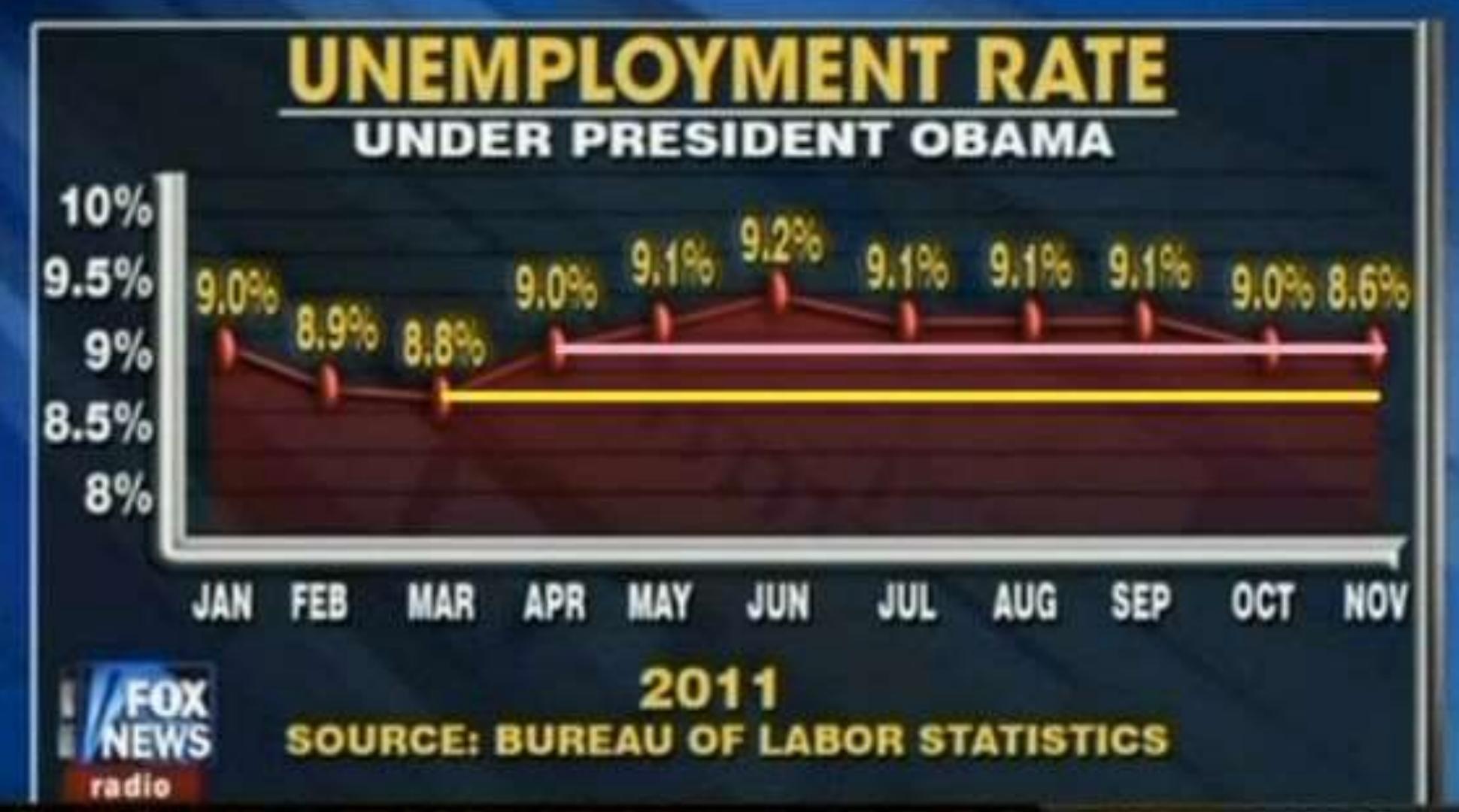








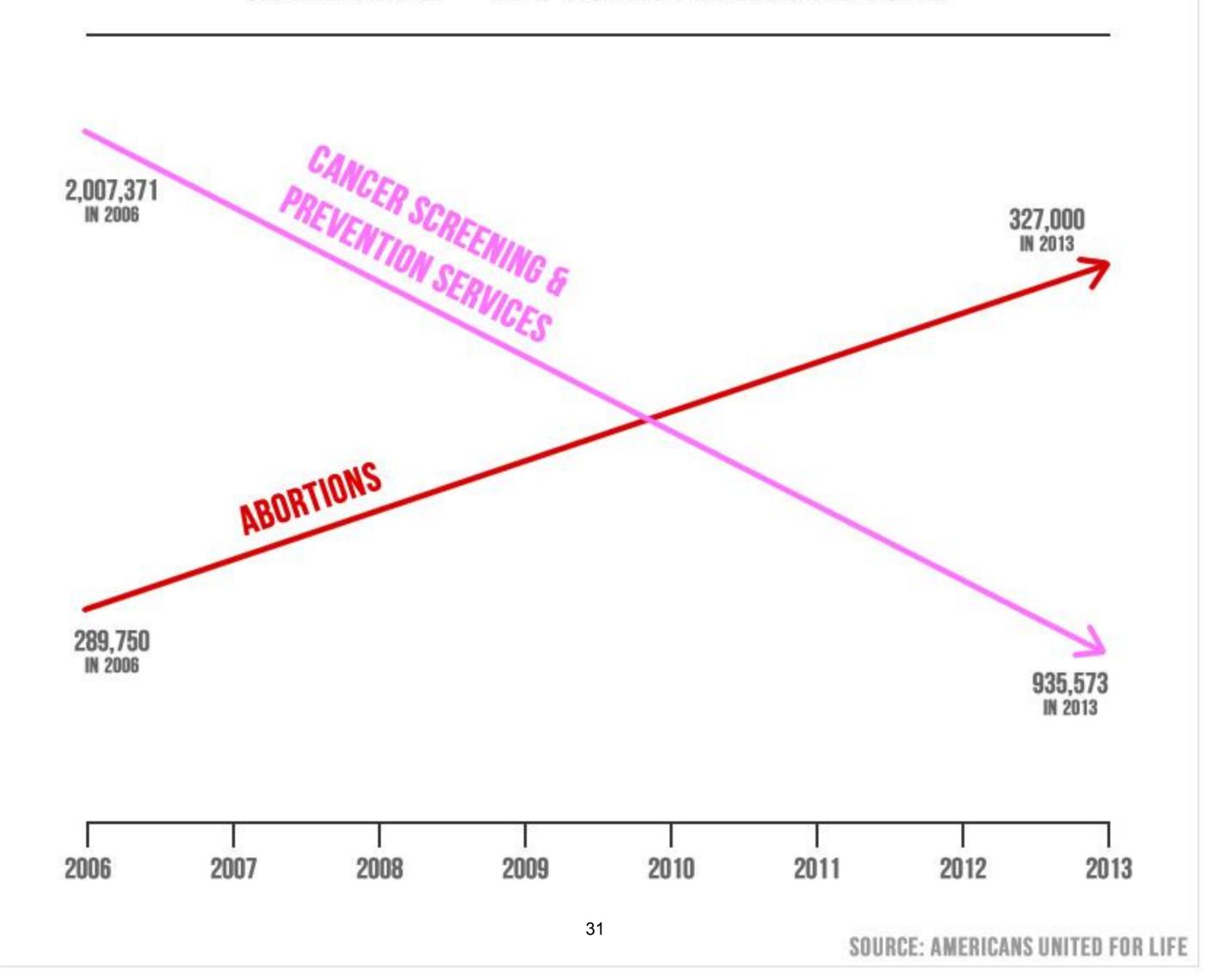
EAR WAR AND A TROOP WITHDRAWAL AT THE EL NAS FUT 2,292.50



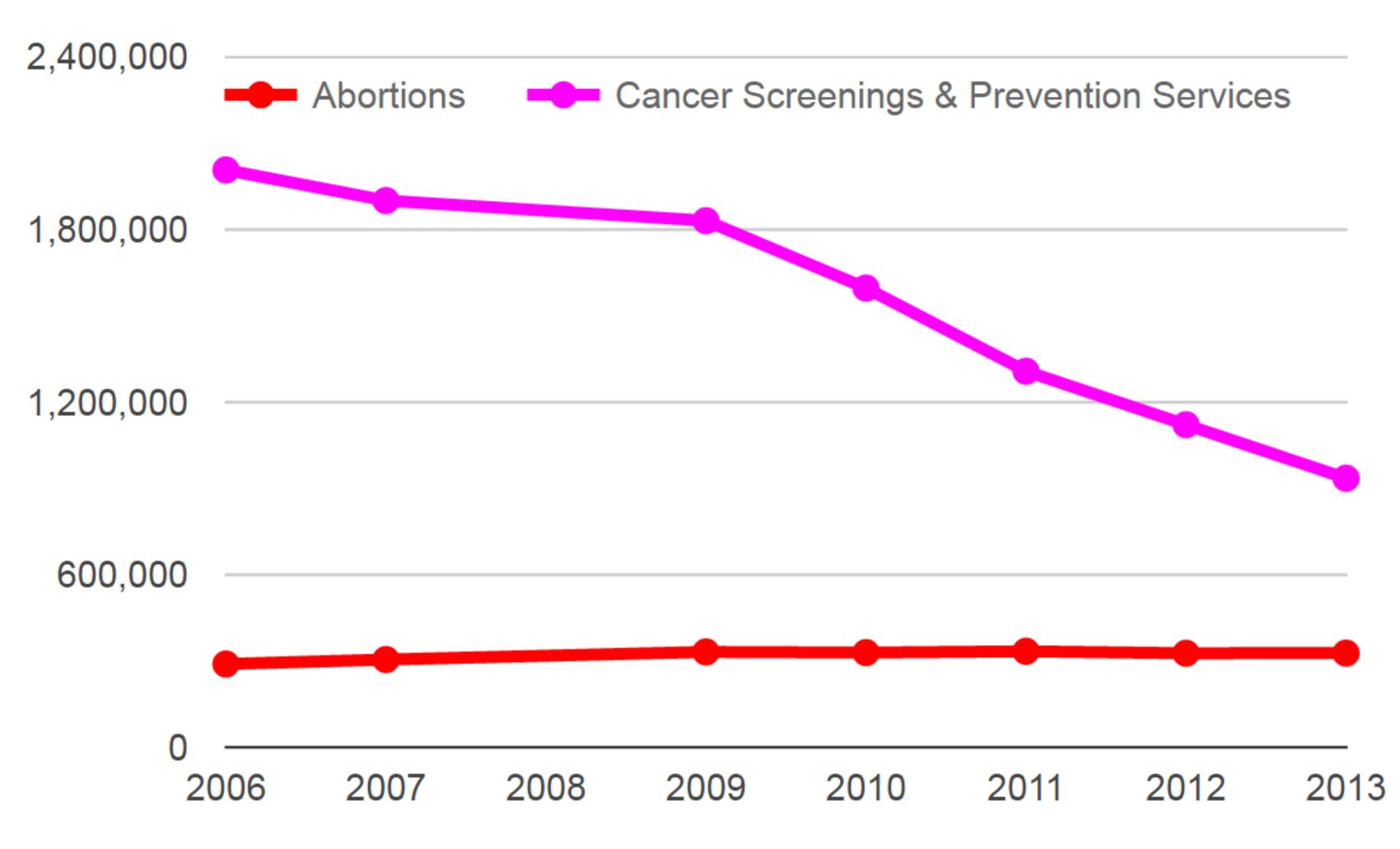
EAR WAR AND A TROOP WITHDRAWAL AT THE EL NAS FUT 2,292.50

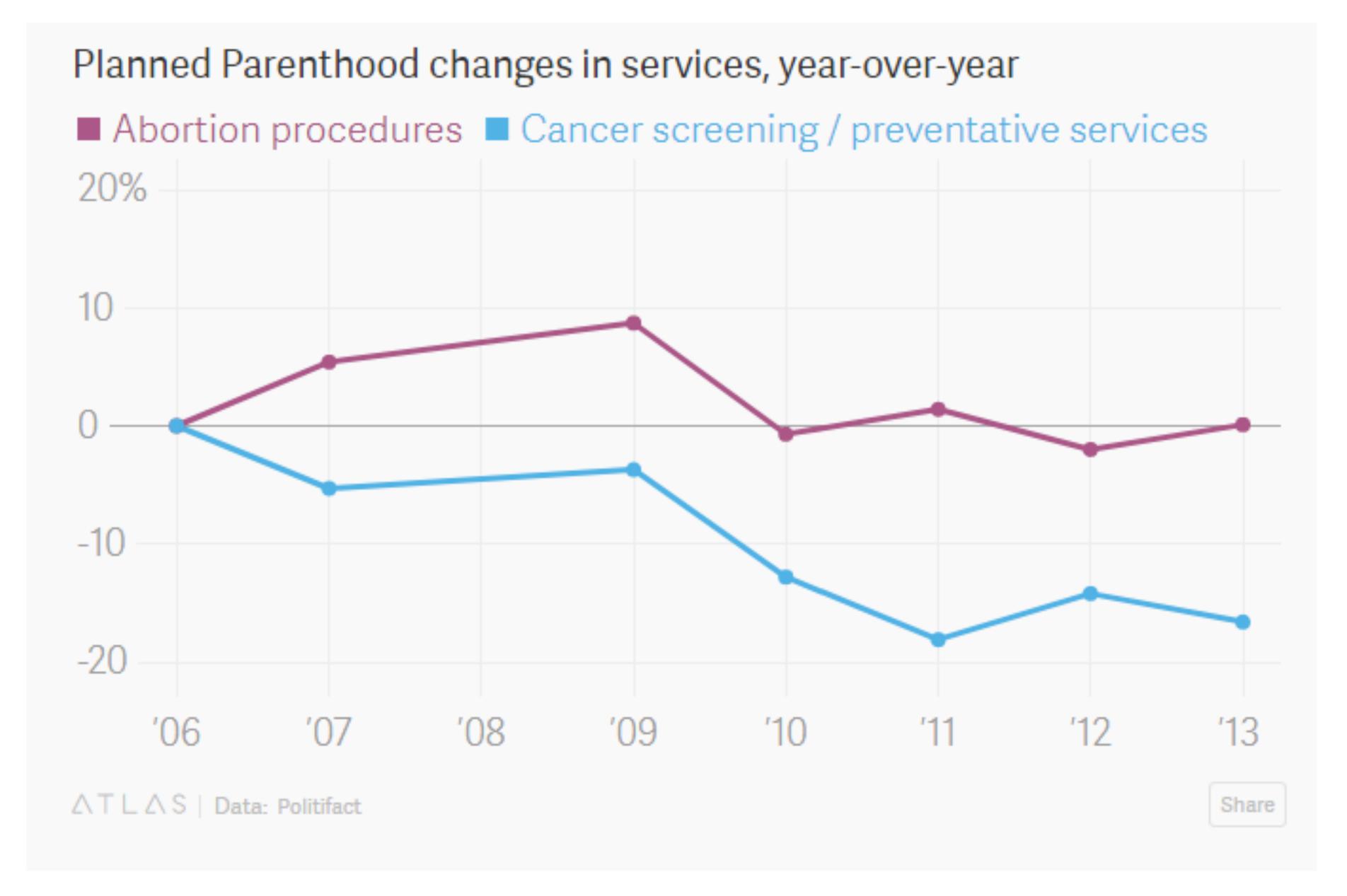
### PLANNED PARENTHOOD FEDERATION OF AMERICA:

ABORTIONS UP - LIFE-SAVING PROCEDURES DOWN

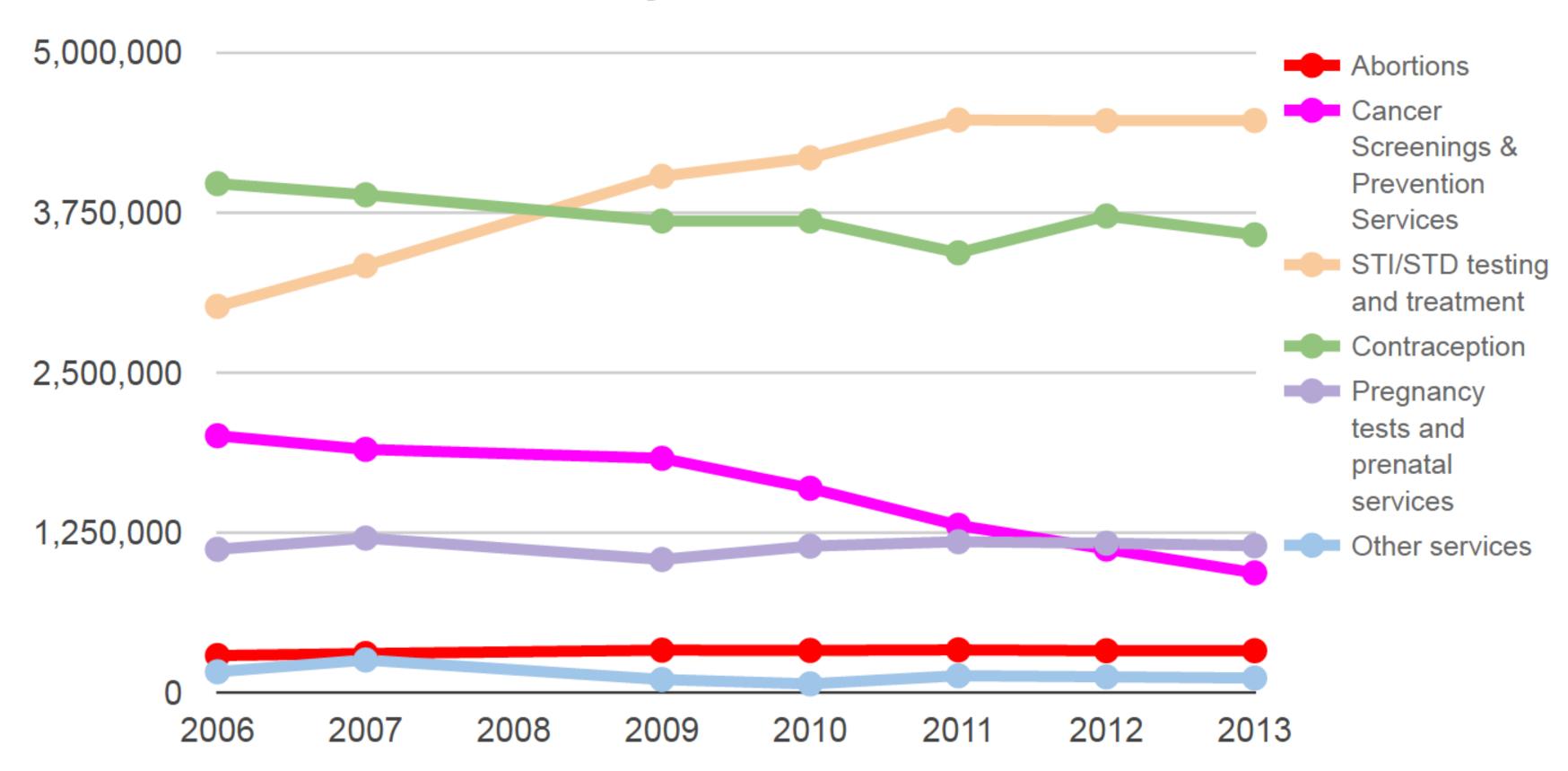


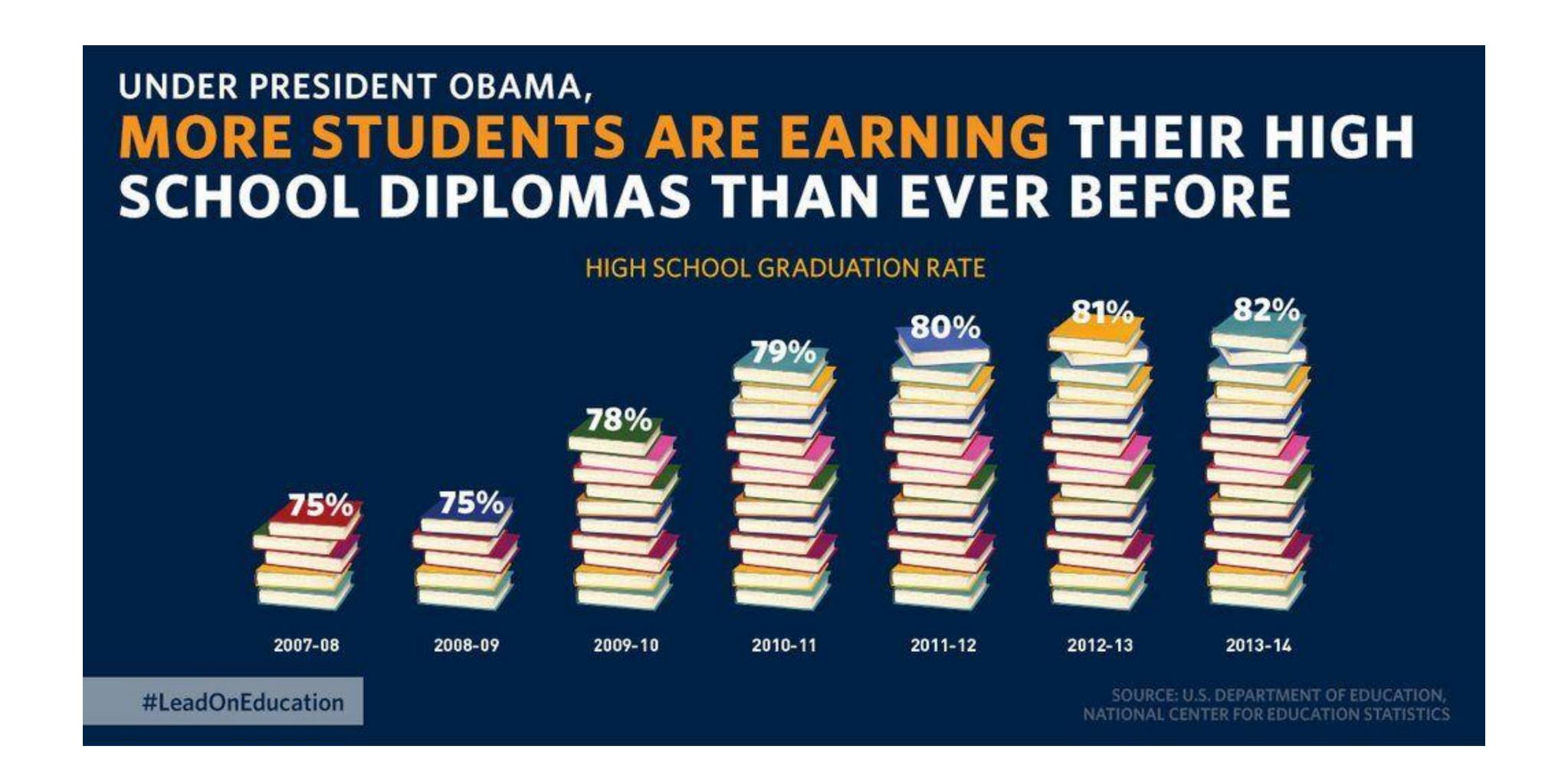
# Planned Parenthood Federation of America: Abortions vs. Cancer and Prevention Services

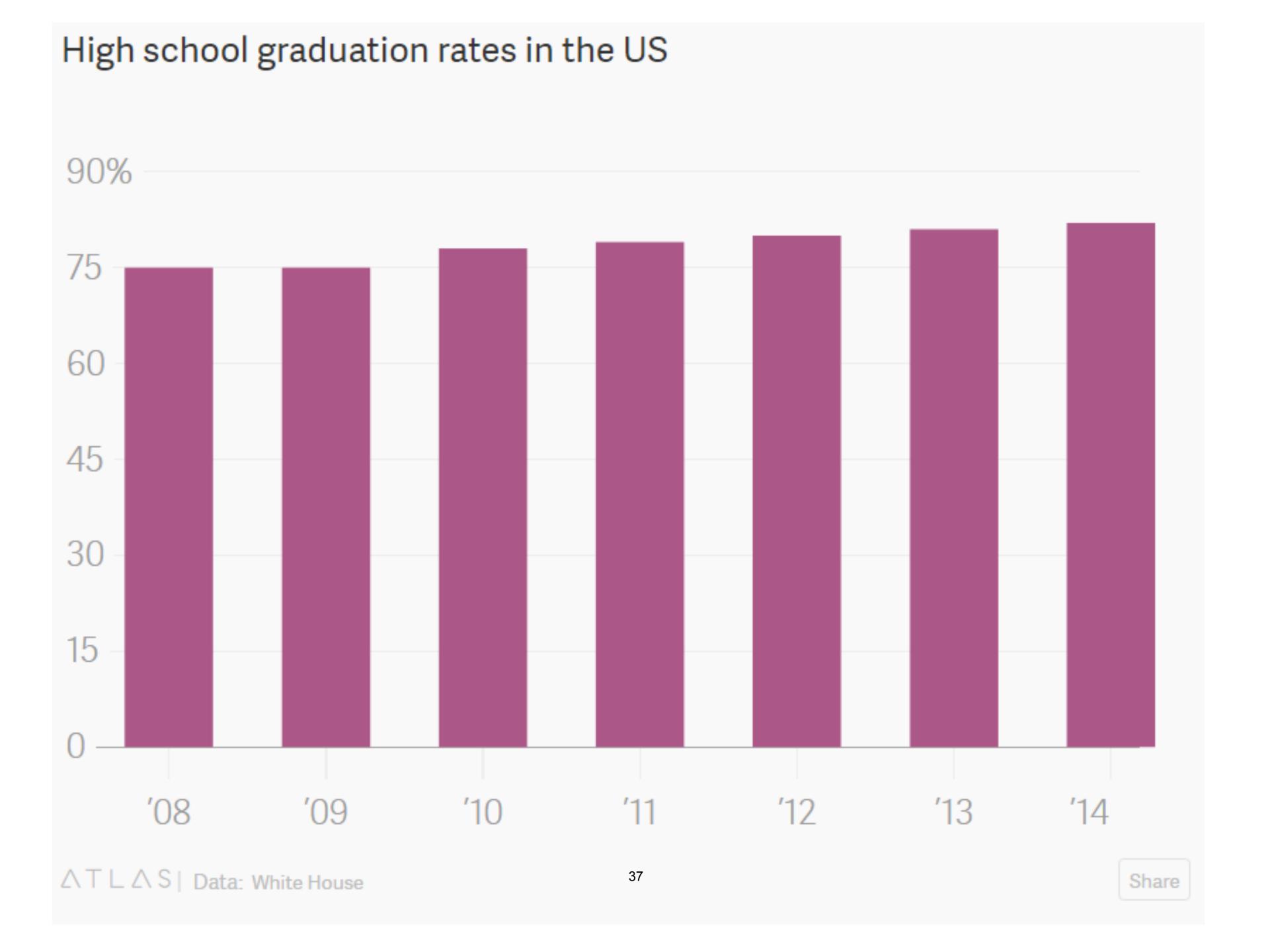


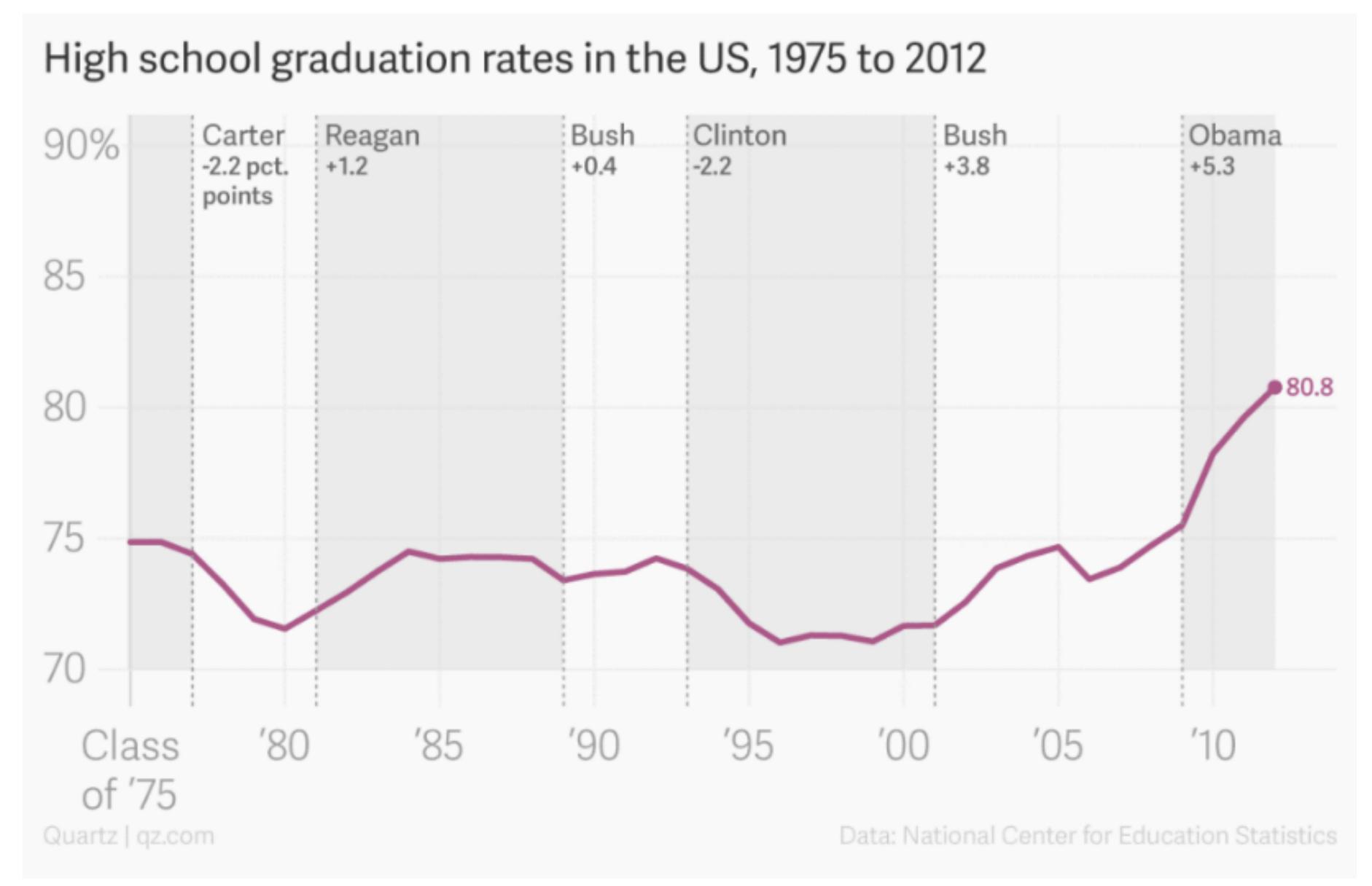


### **Services Provided by Planned Parenthood**

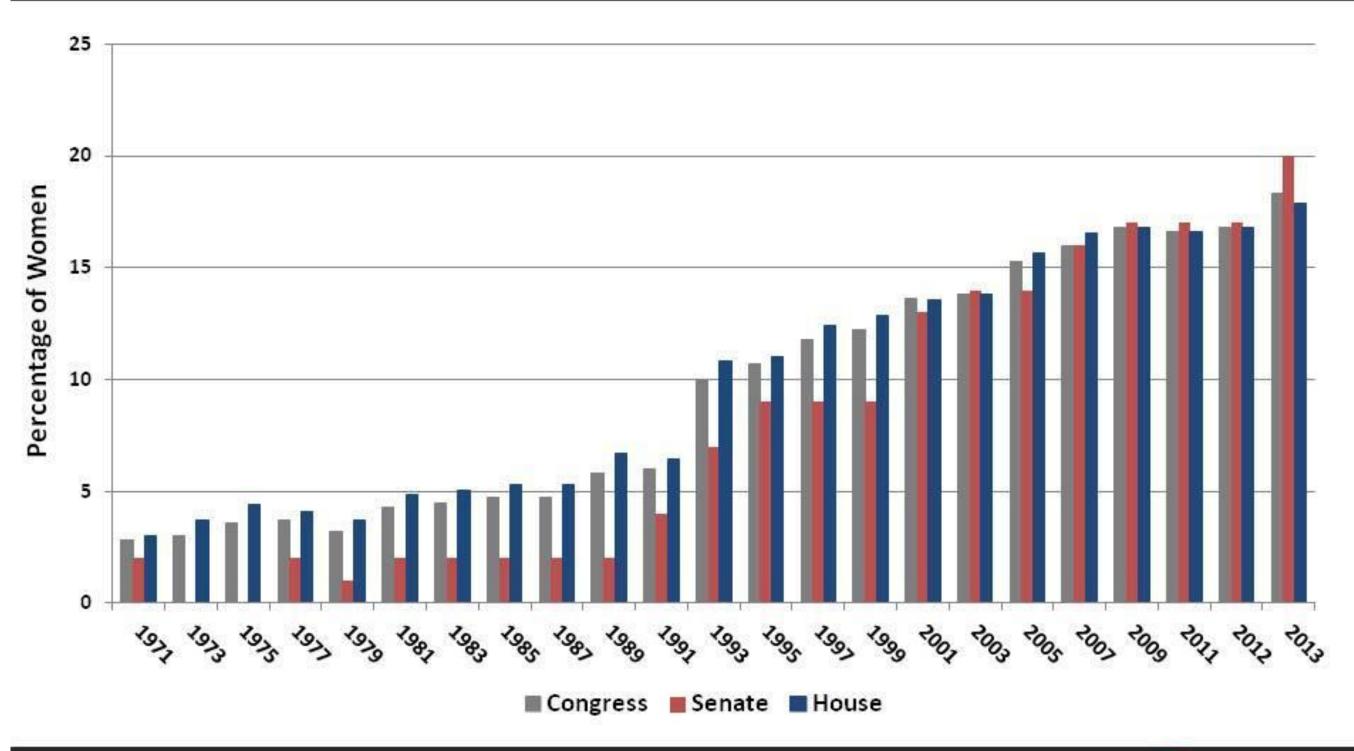








# Women in the U.S. Congress 1971-2013

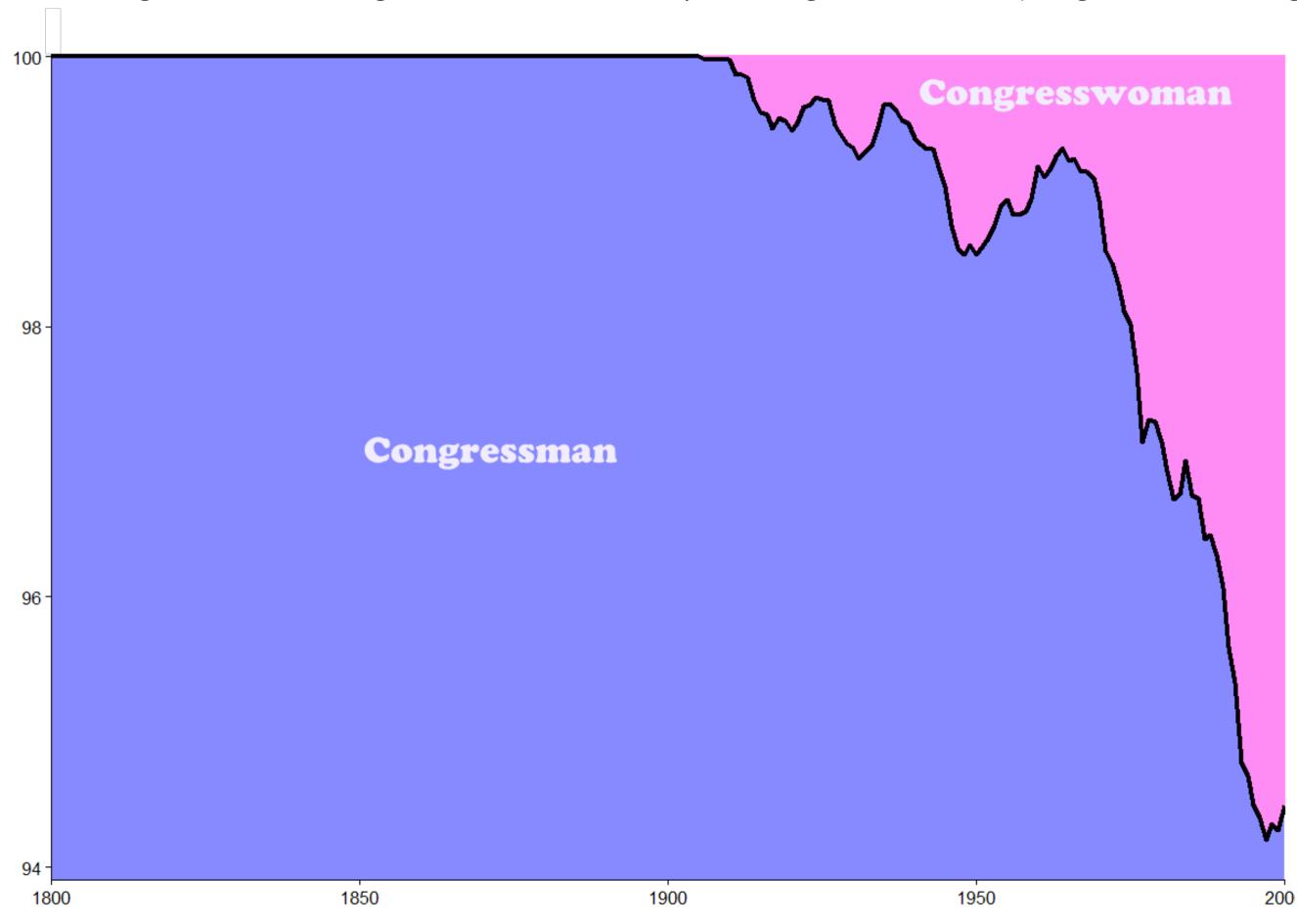


© Center for American Women and Politics
Updated 1/8/13

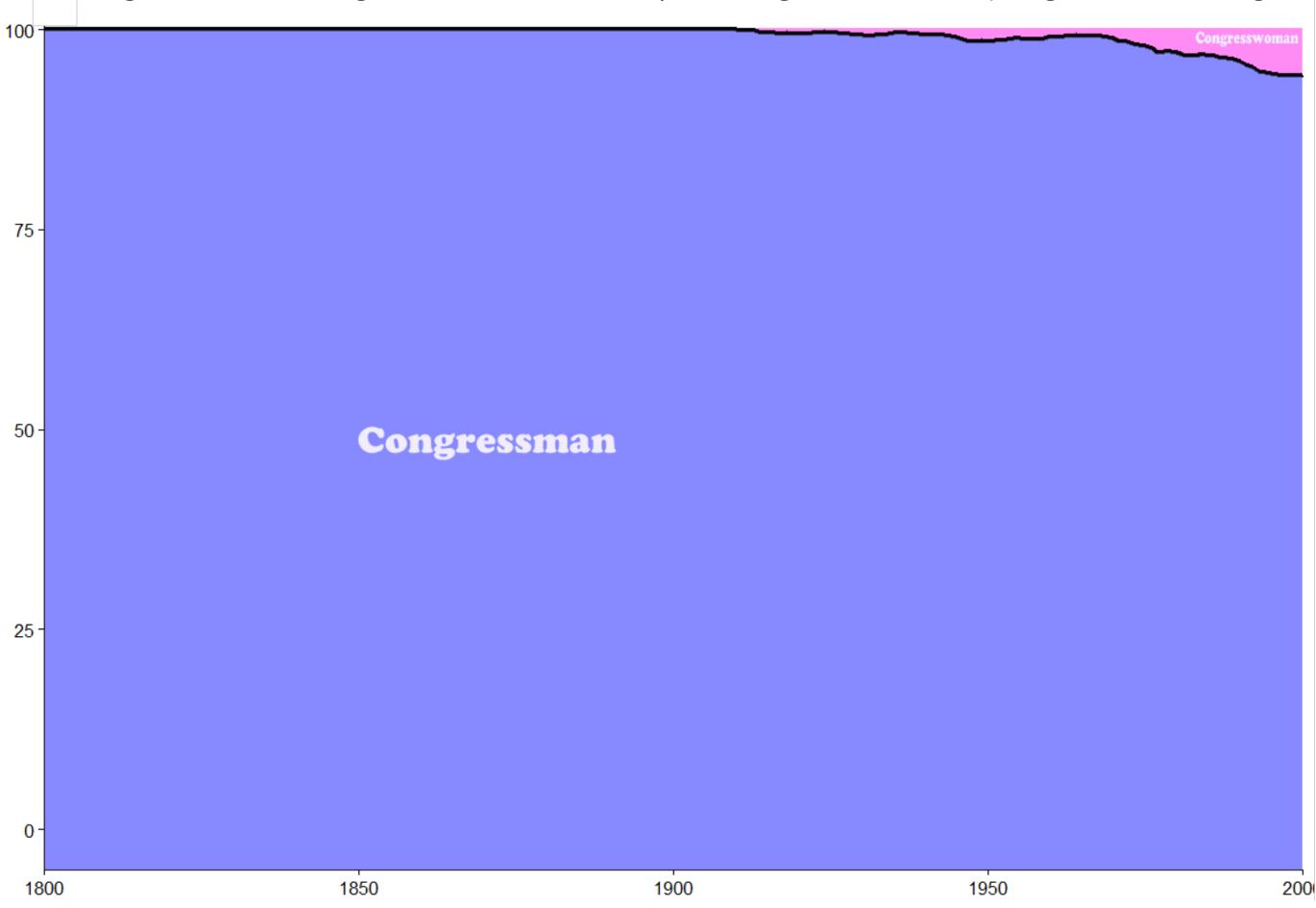


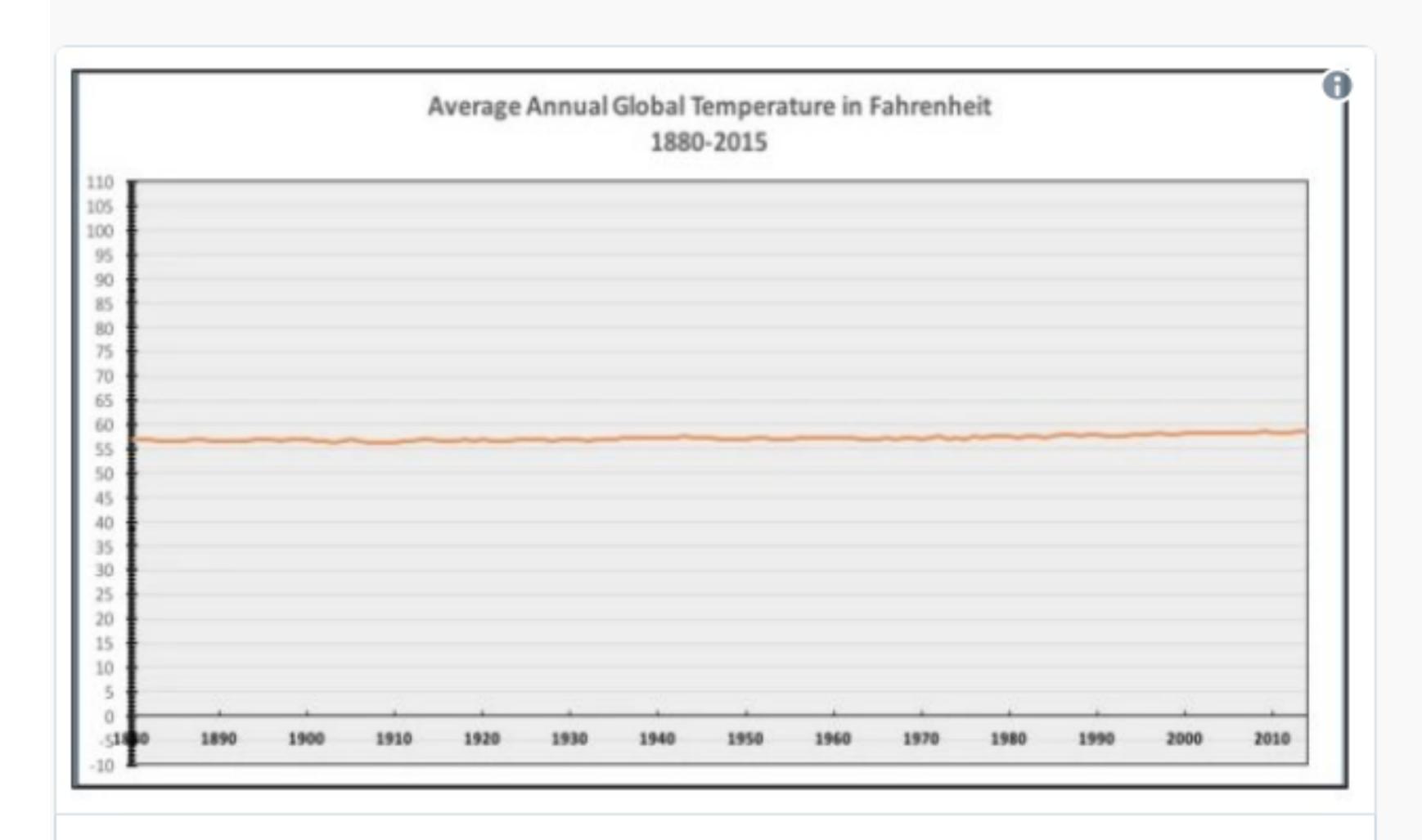


N-Gram, Congressman vs. Congresswoman as a total percentage of mentions (congressman + congresswoman)



N-Gram, Congressman vs. Congresswoman as a total percentage of mentions (congressman + congresswoman)





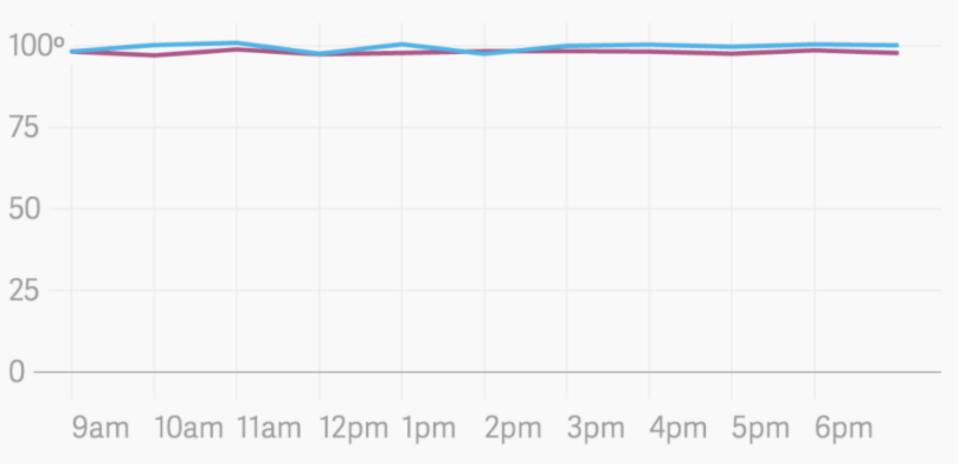




The only #climatechange chart you need to see. natl.re/wPKpro

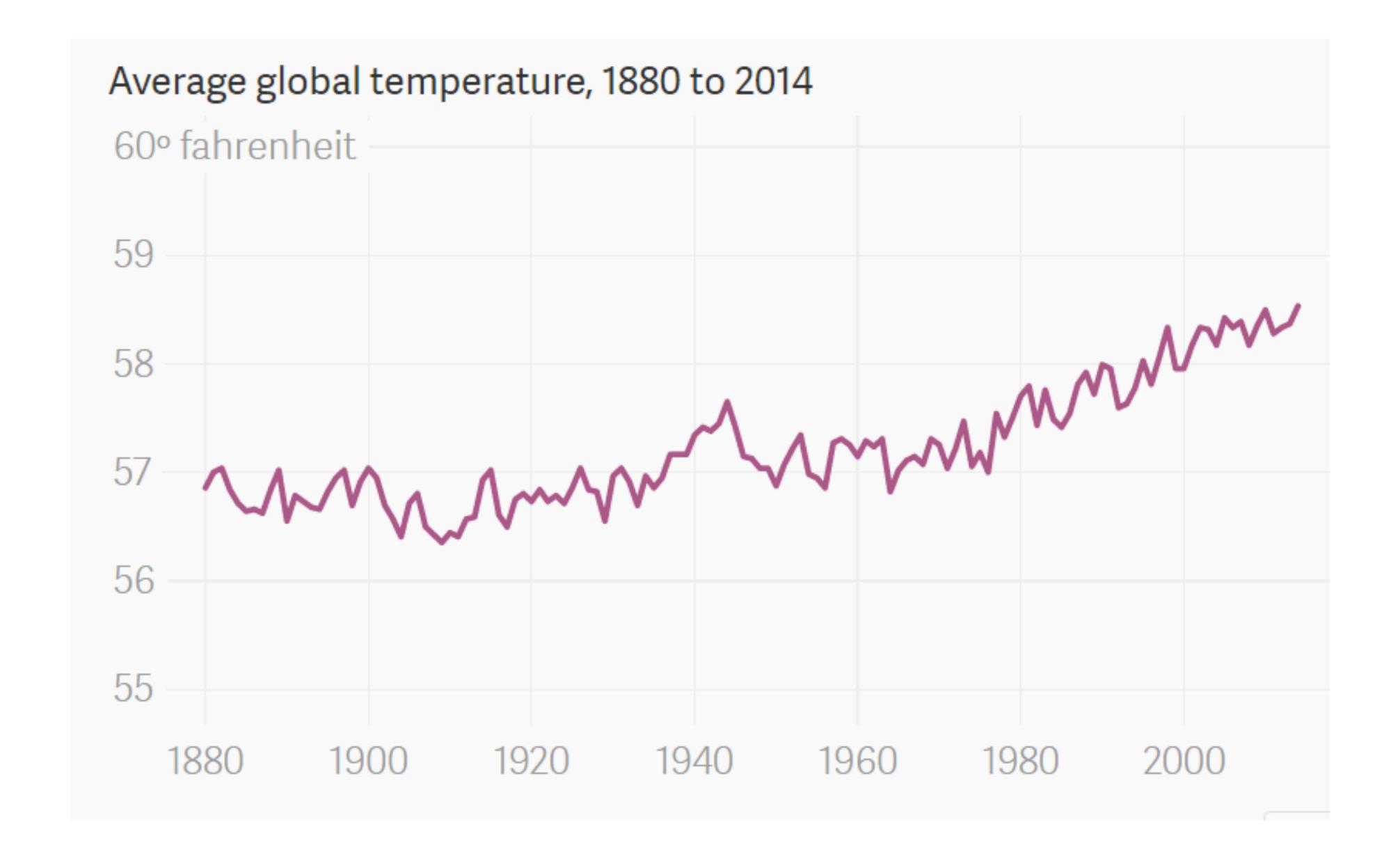
#### Oral temperature





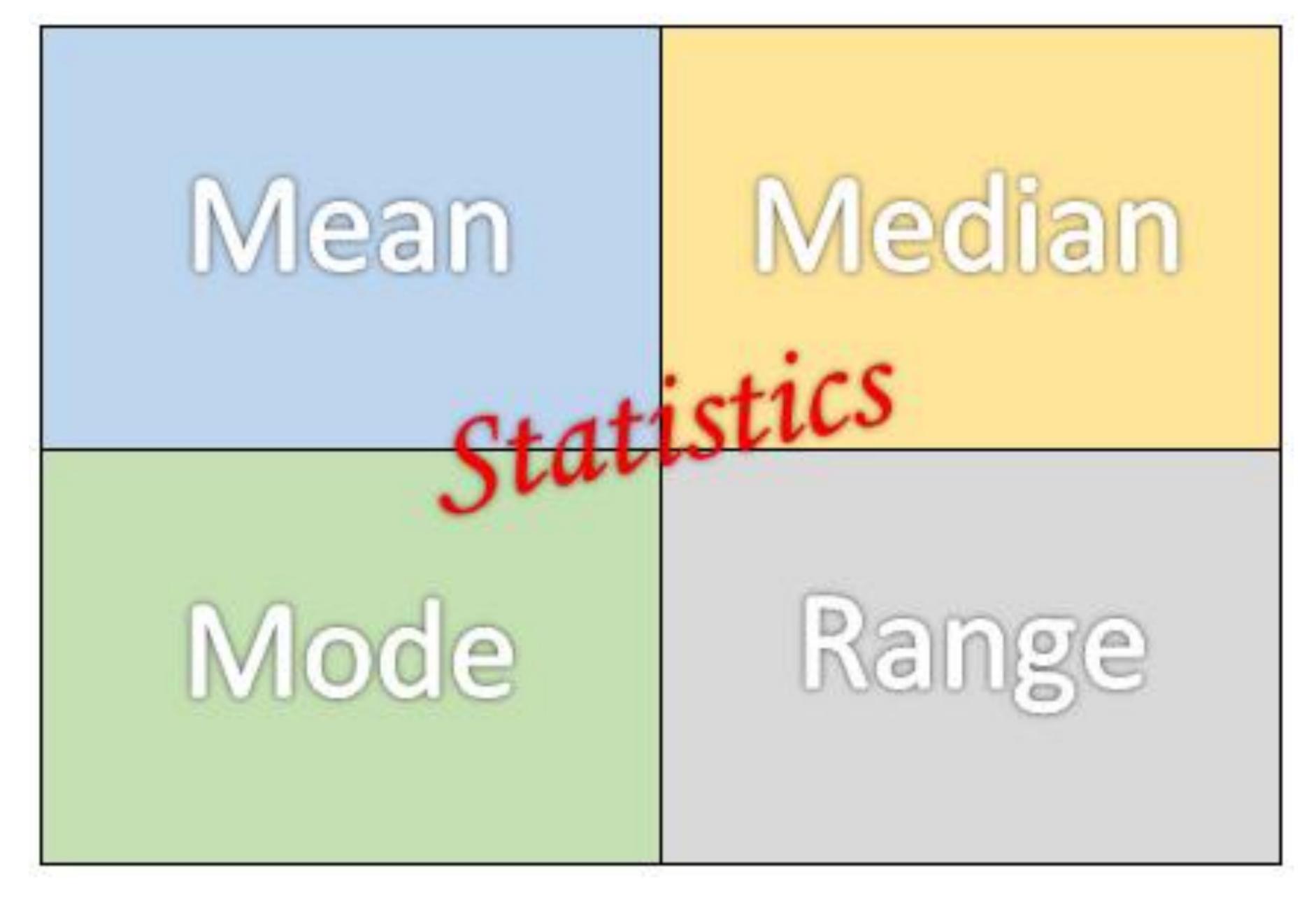
Quartz | qz.com

Data: I made it up

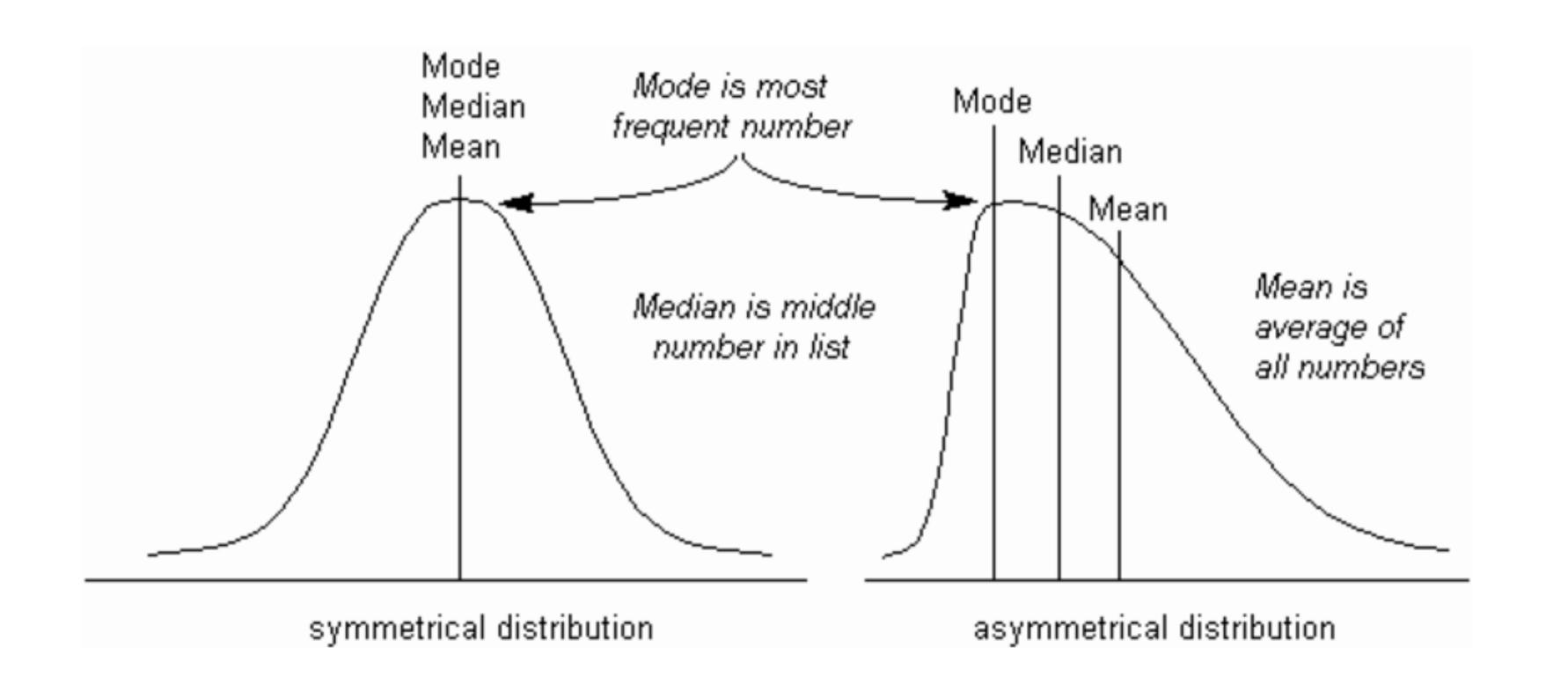


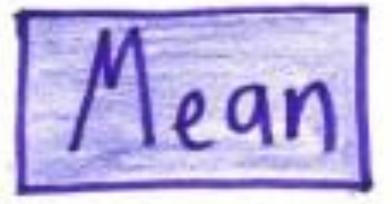
# Lying with Statistics





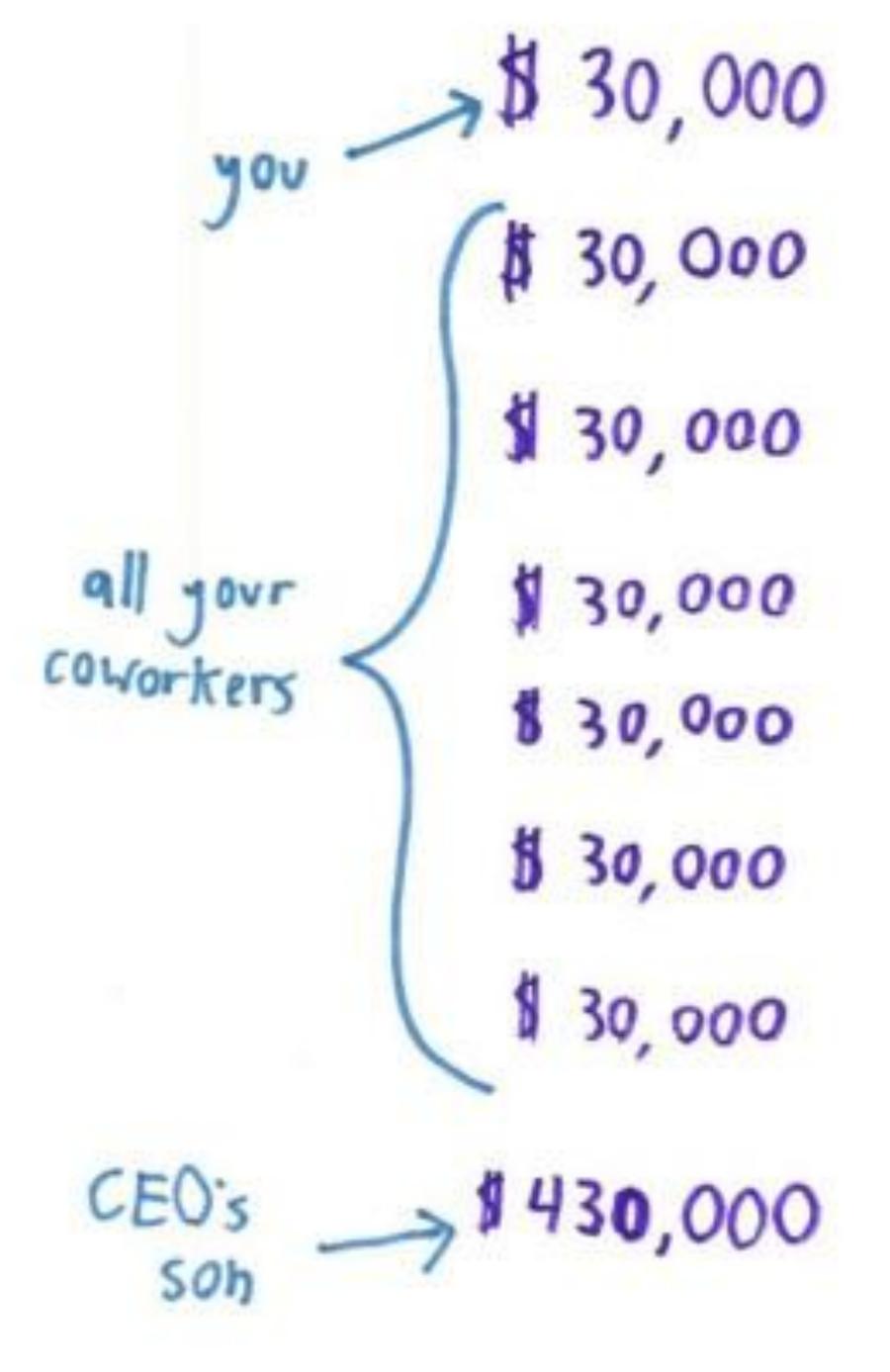
## Distribution Matters!





What would my Starting Salary be?



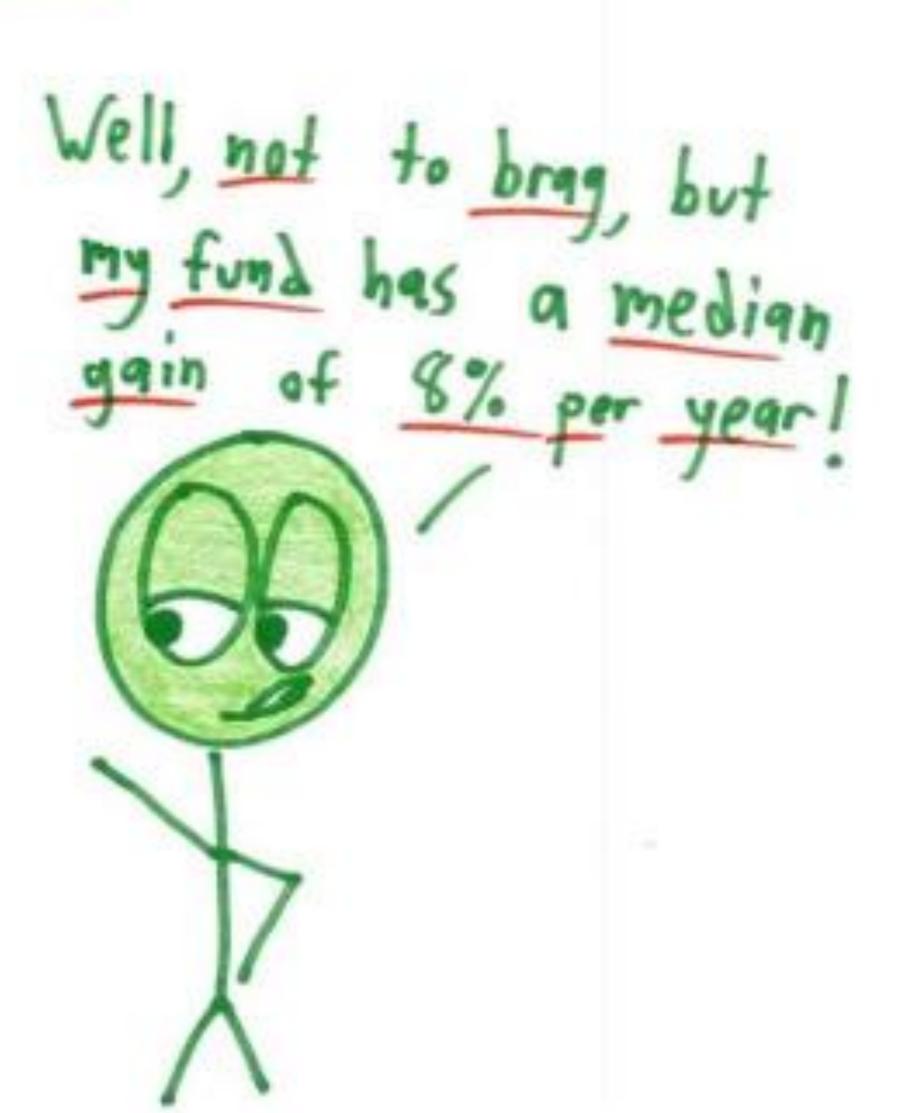


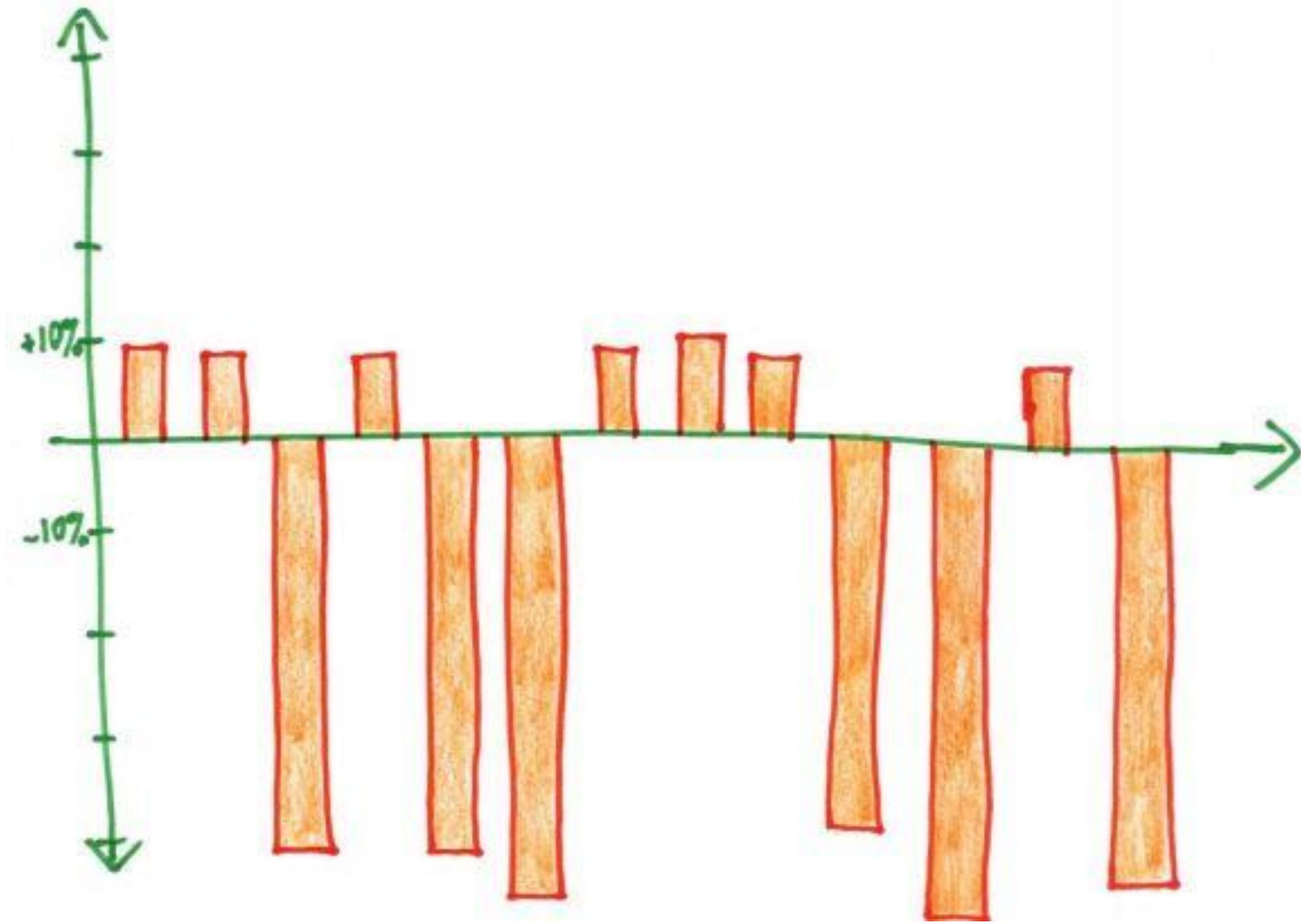
Average: \$80,000.

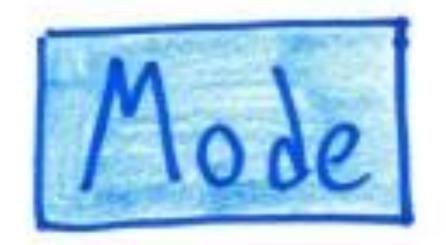




So, why should I

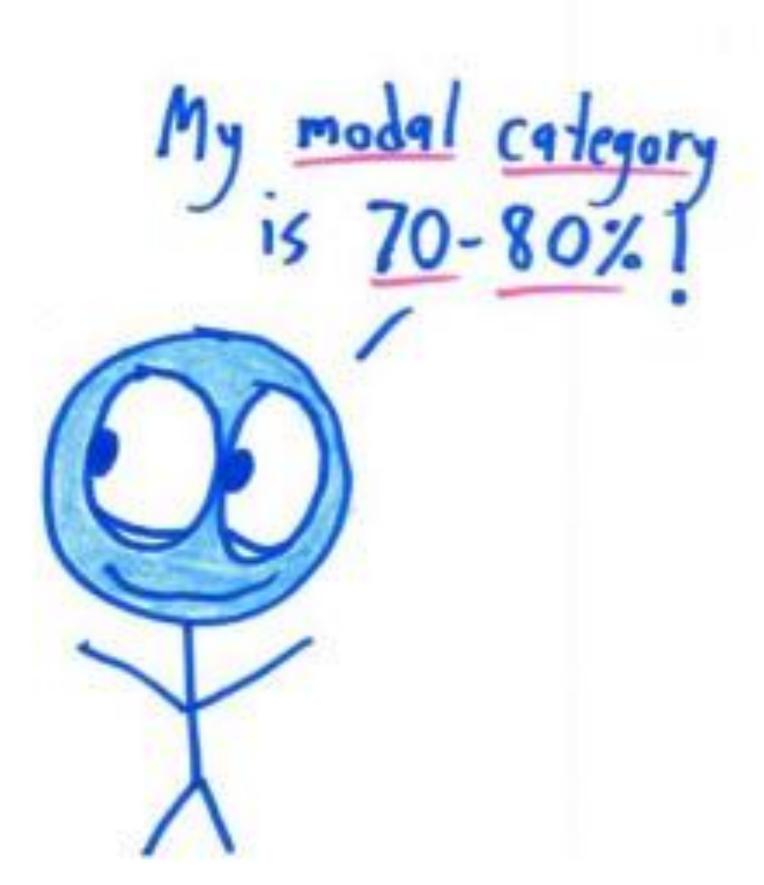






How are you doing on your tests?

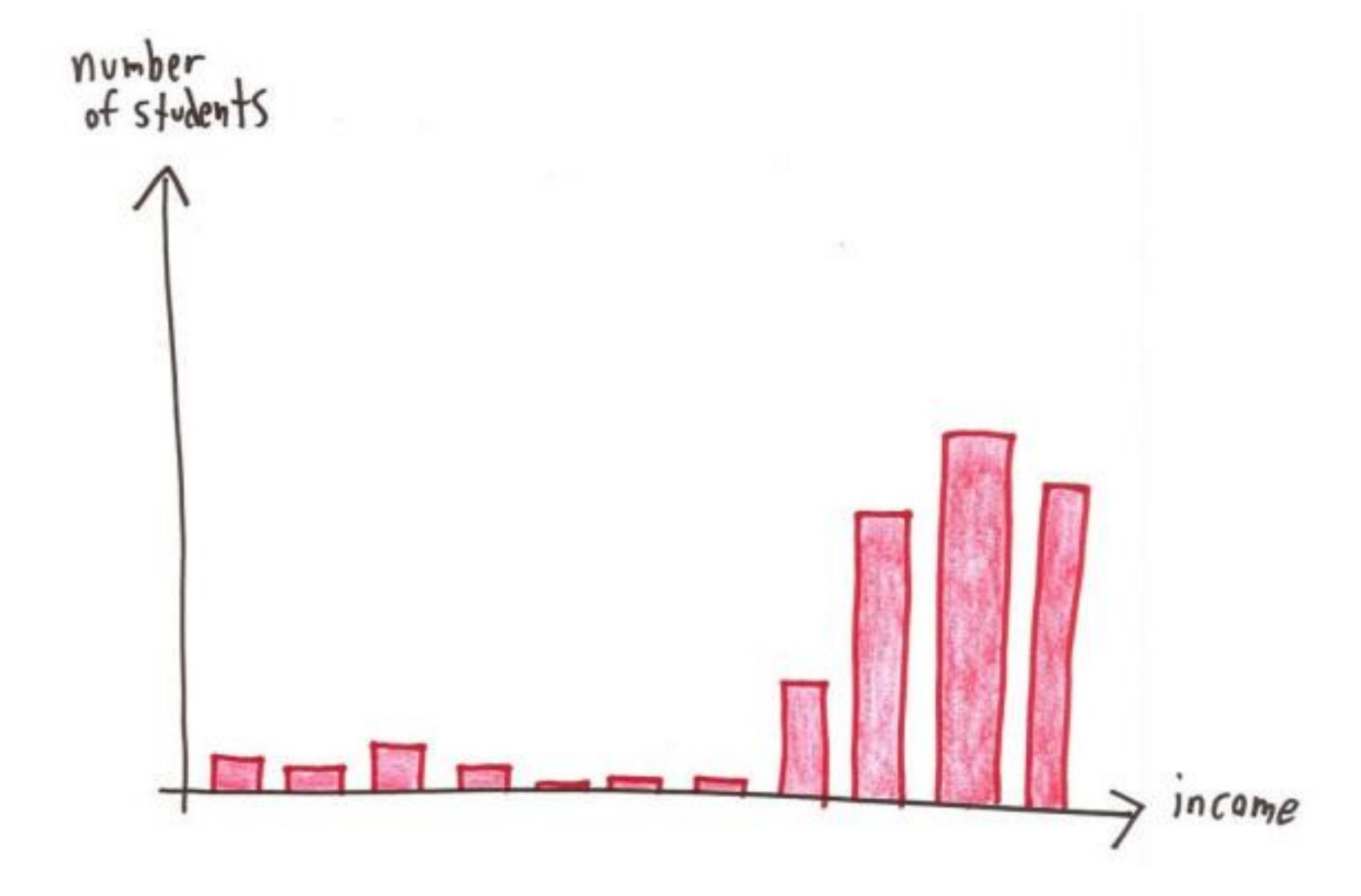




	Score	Category	Number of Tests
		905	0
Please don't as		805	0
about the mean.	)	705	2
90		605	1
		505	1
		405	1
		305	1
		205	1

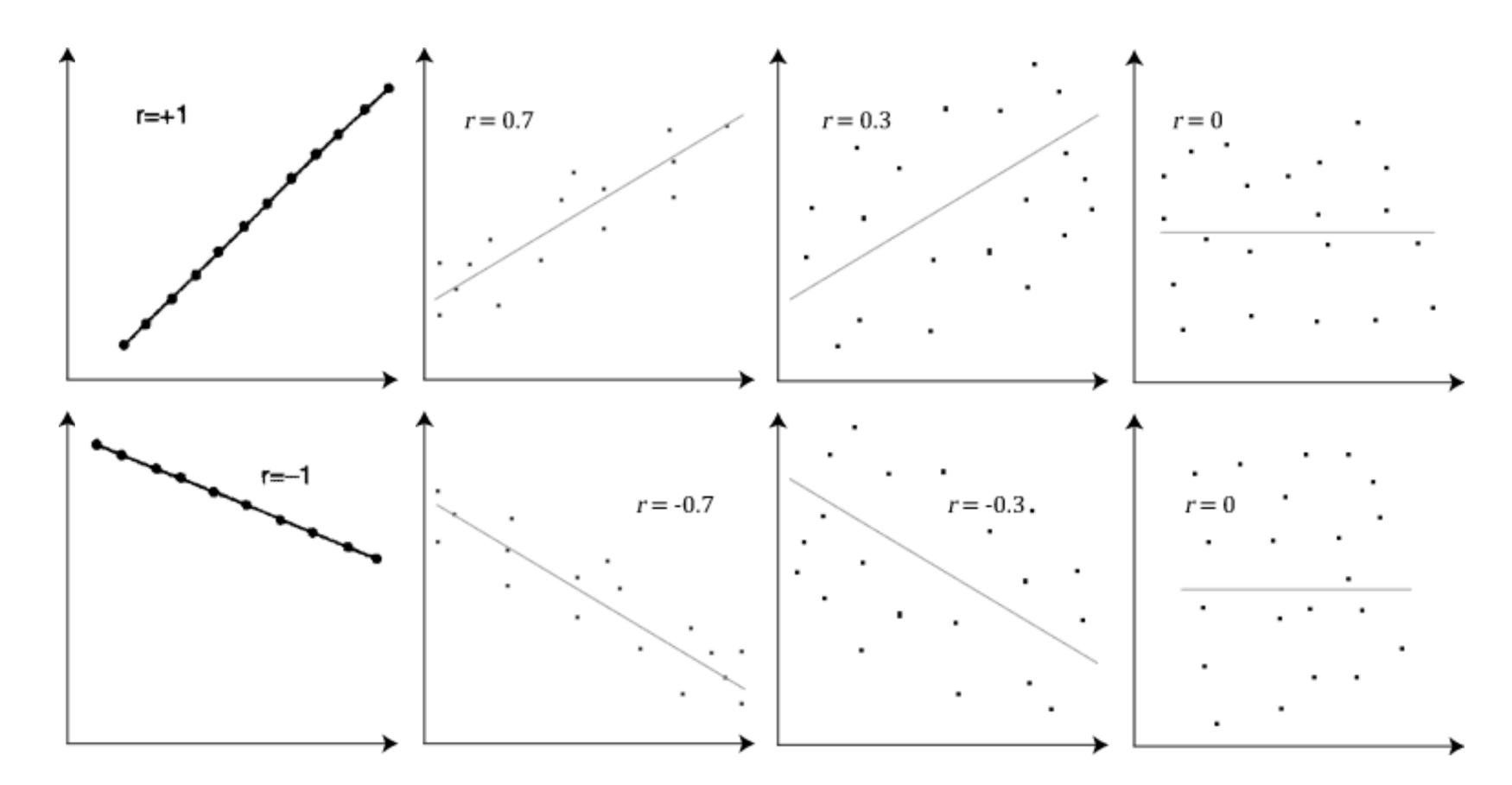


Our students come from a wide range of Sacioeconomic backgrounds ...

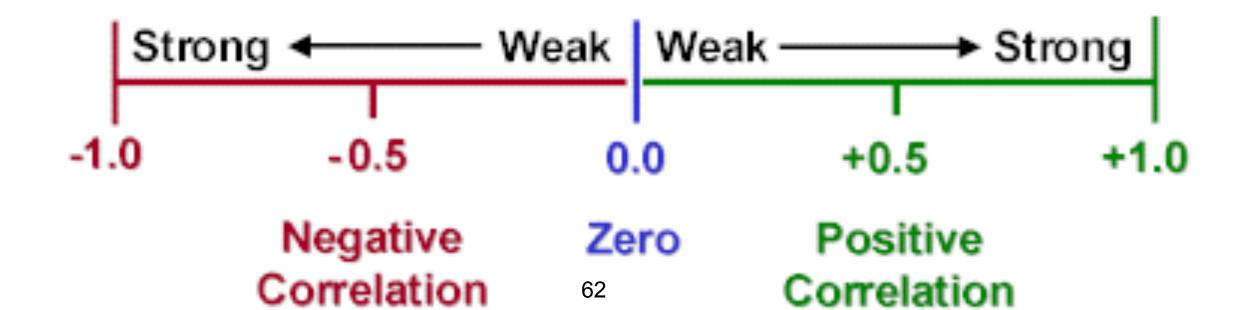


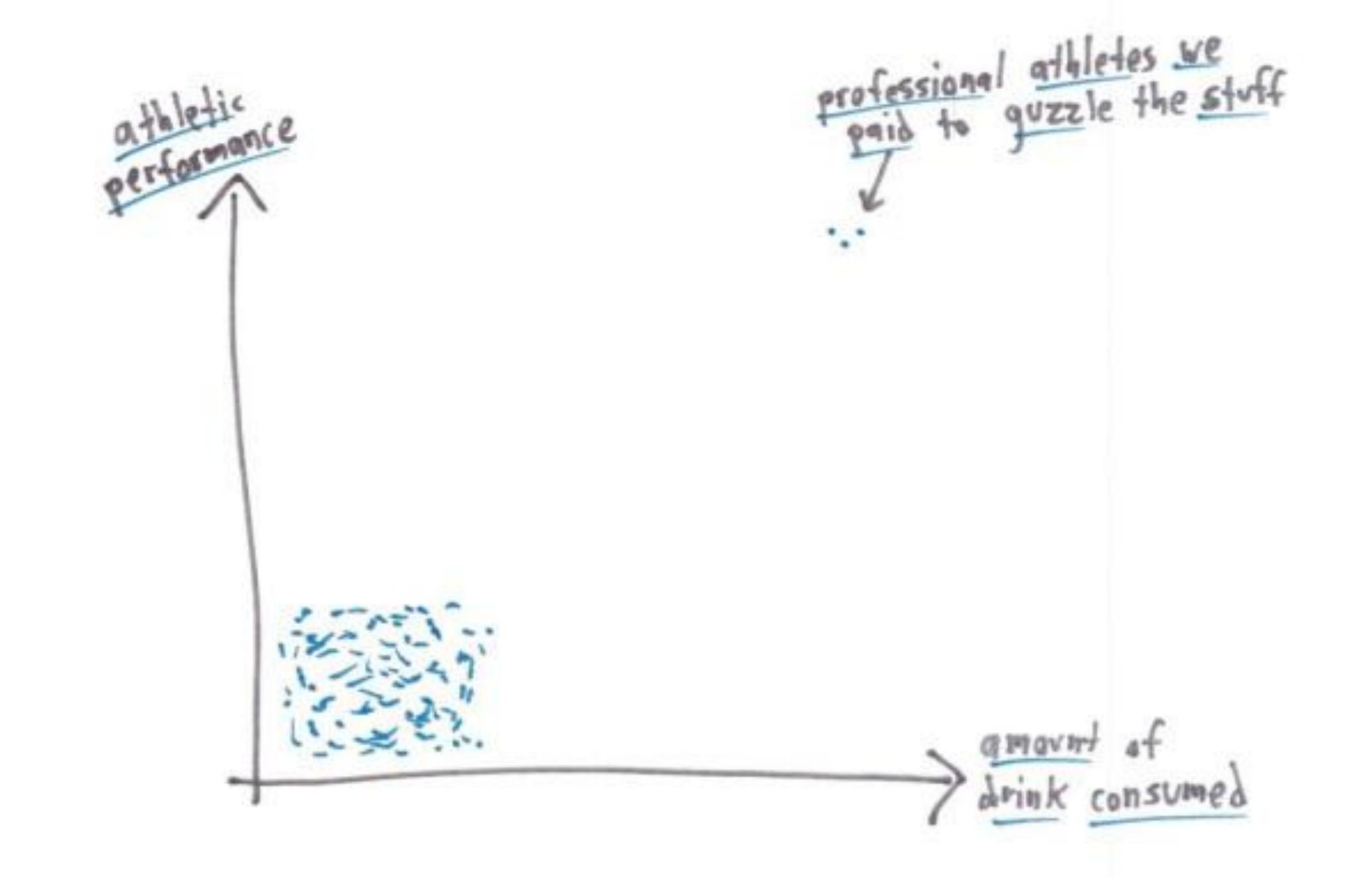
Correlation

Try our energy drink it's highly correlated with
performance!

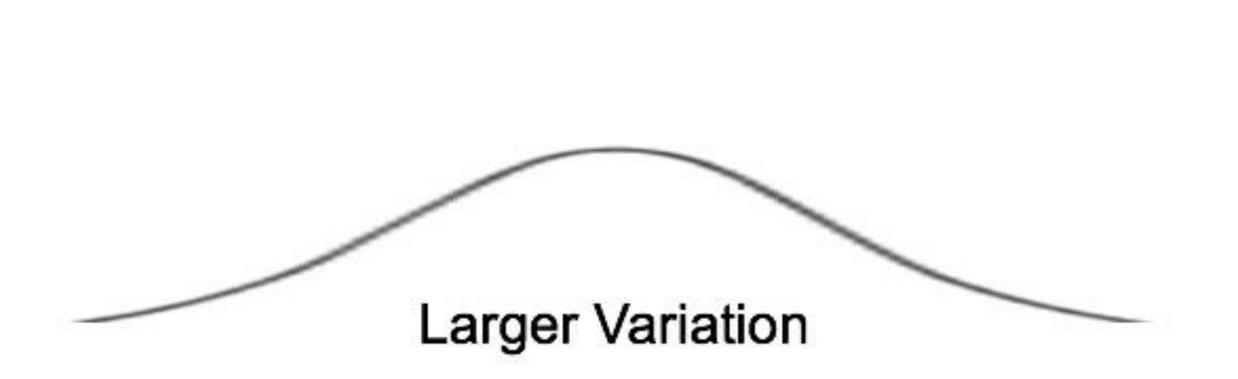


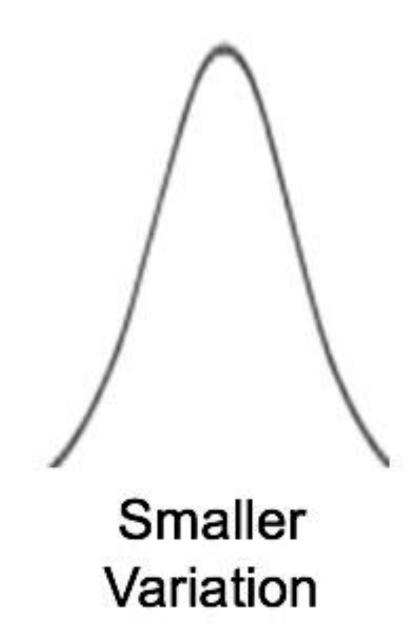
Correlation Coefficient Shows Strength & Direction of Correlation





### Variance







These results are a disaster!



