

# Data Analytics

CS301

## Participation 2: What Do Plots Say About the Data?

Week 4: 7<sup>th</sup> Feb 2020

Spring 2020

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# Participation 2:

## *Strange Plots*

Each plot below has been picked for its misleading nature. Pick two for your own analysis. Respond to the questions in your `writing/reflections.md` document of your GitHub Classroom repository. After those questions, there are two about the message of today's speaker.

- **GitHub Classroom Repository**

- <https://classroom.github.com/a/XXaYyR4e>

- **Git Commands**

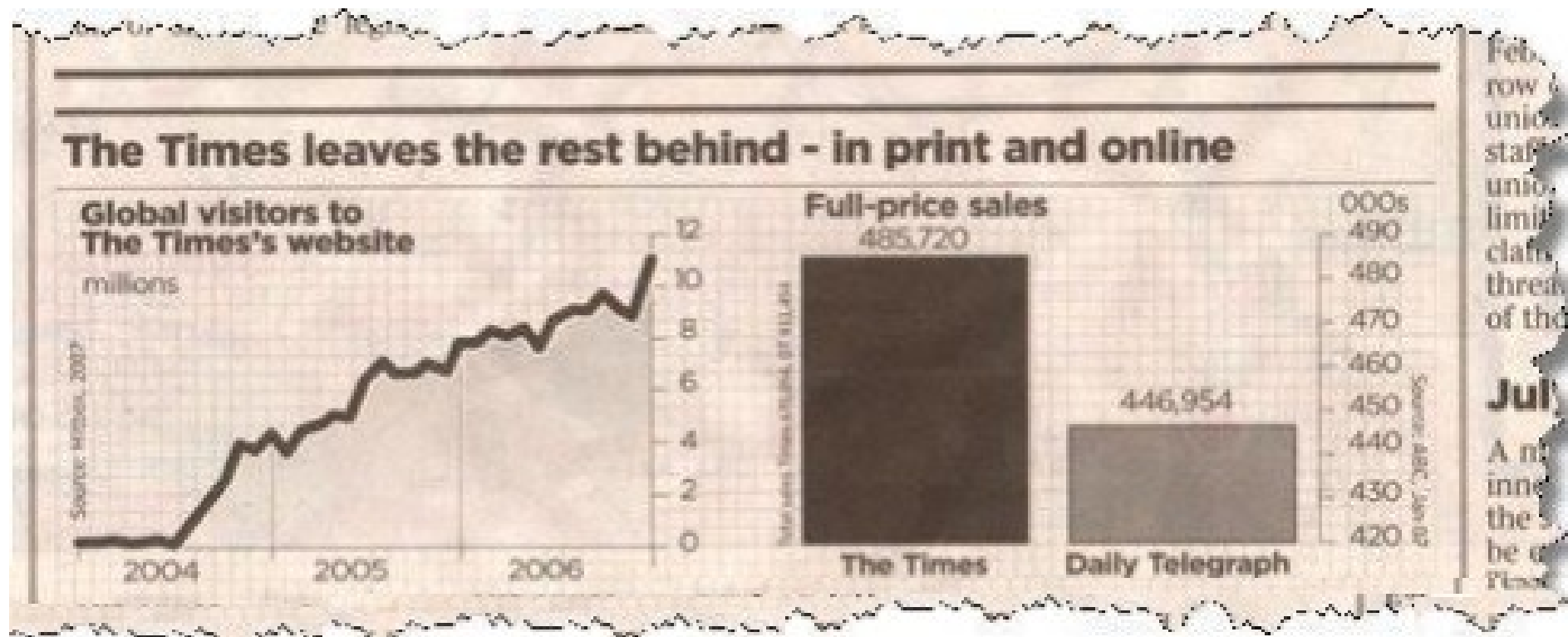
- git add -A
- git commit -m ``Your notes about commit here"
- git push

**THINK**



# Plot 1

## What can you infer?



# Plot 2

## What can you infer?

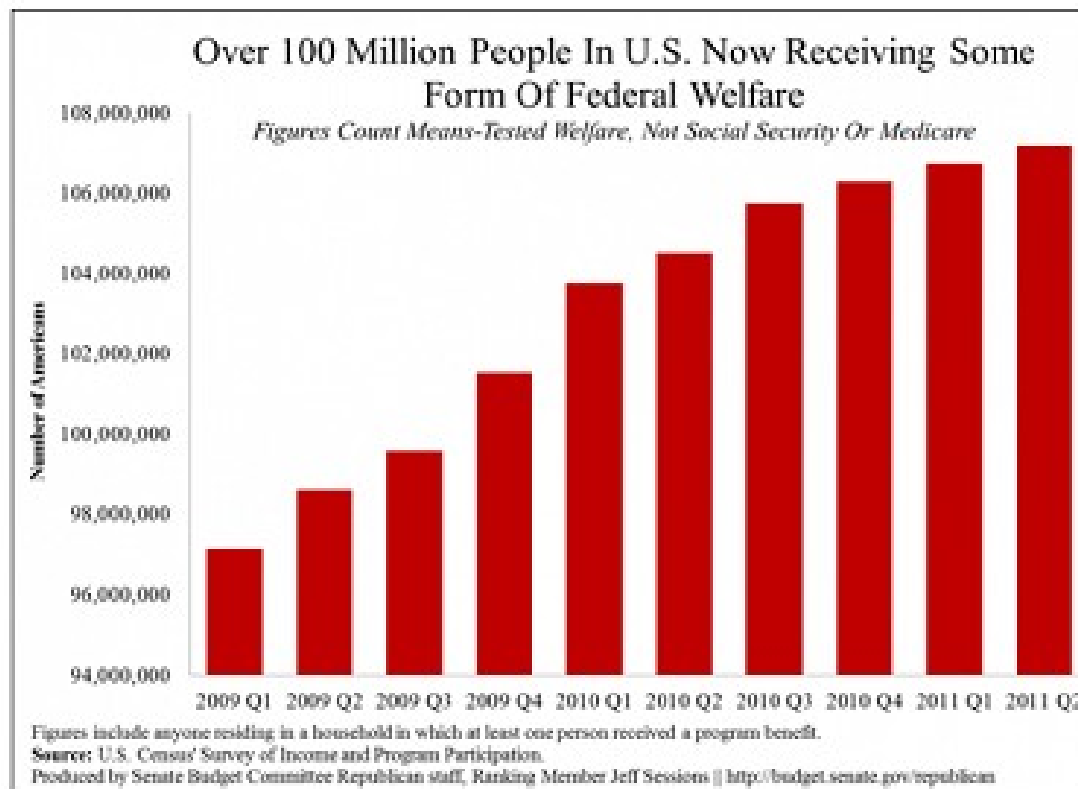
### THE BLOG

## Over 100 Million Now Receiving Federal Welfare

2:40 PM, AUG 8, 2012 • BY DANIEL HALPER 

 [PDF PAGE](#)  [PRINT](#)  [LARGER TEXT](#)  [SMALLER TEXT](#)  [ALERTS](#)    

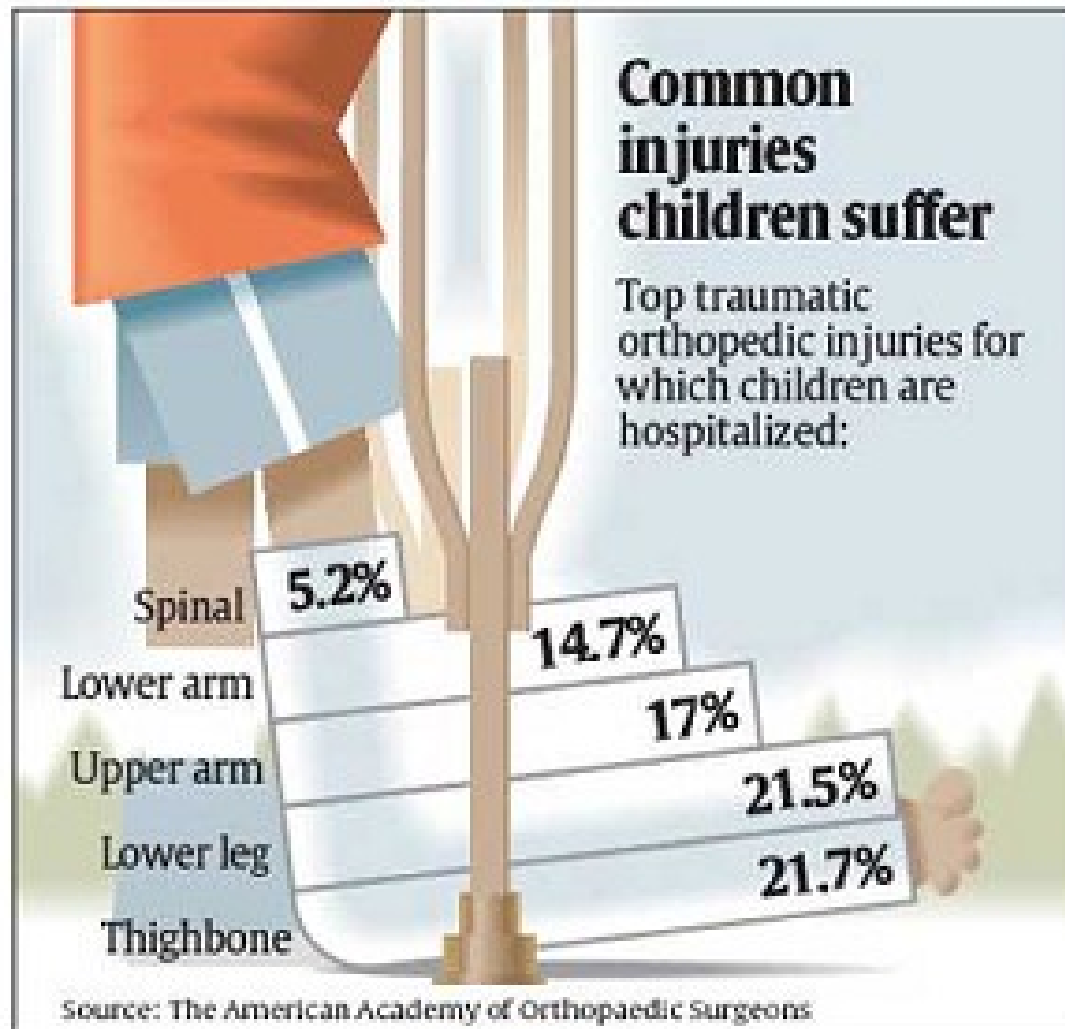
A new chart set to be released later today by the Republican side of the Senate Budget Committee details a startling statistic: "Over 100 Million People in U.S. Now Receiving Some Form Of Federal Welfare."



# Plot 3

## What can you infer?

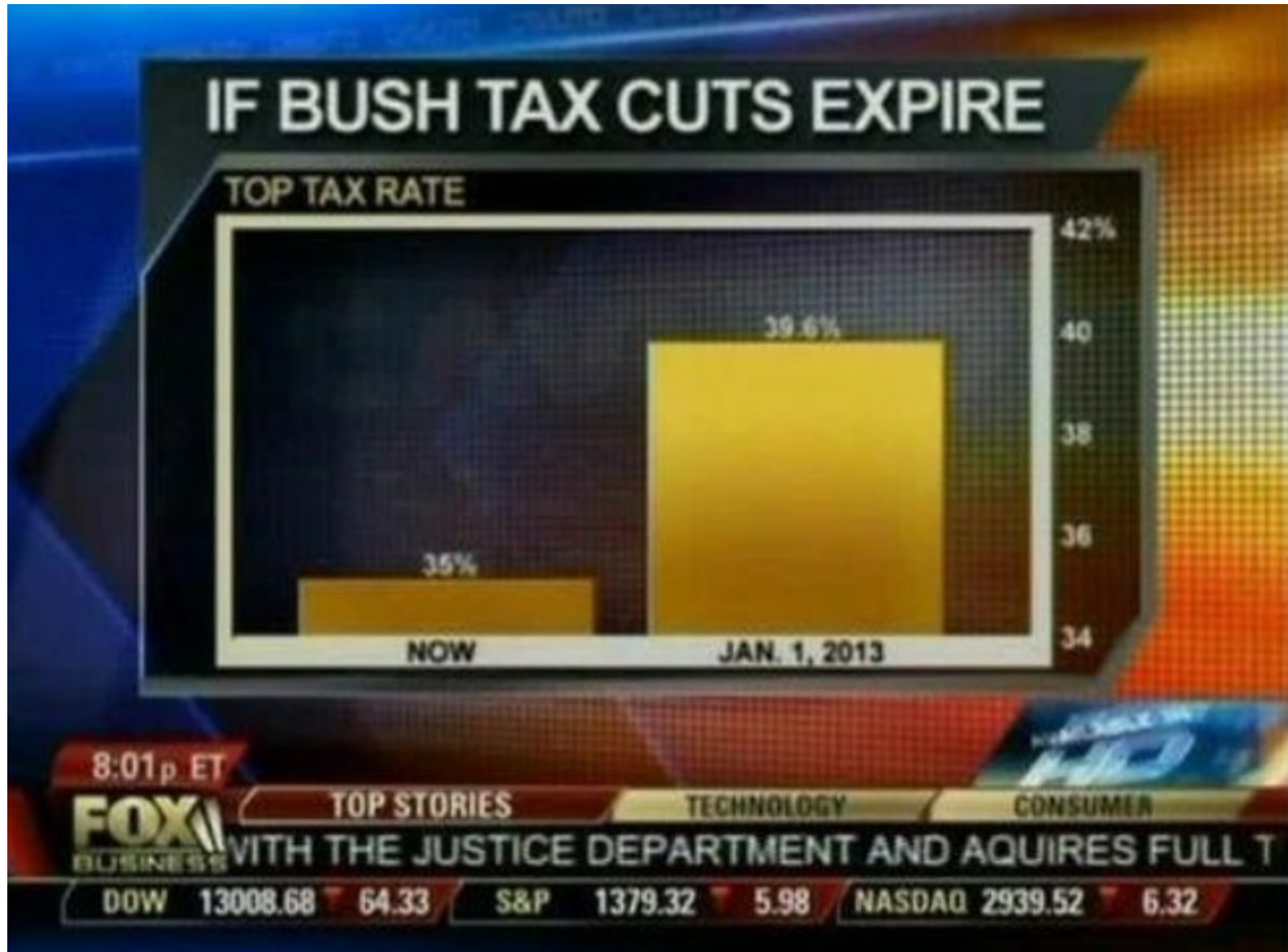
USA TODAY Snapshots™



By Shannon Reilly and Frank Pompa, USA TODAY

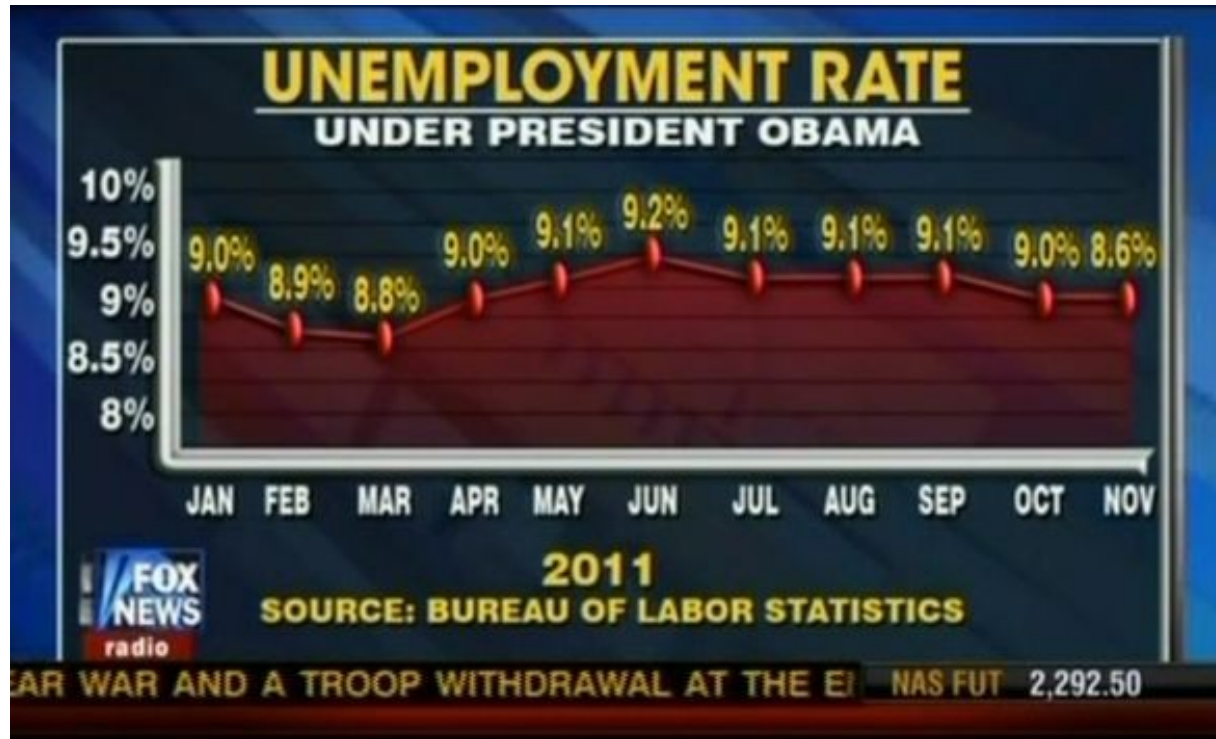
# Plot 4

## What can you infer?



# Plot 5

## What can you infer?



Same data  
as above?



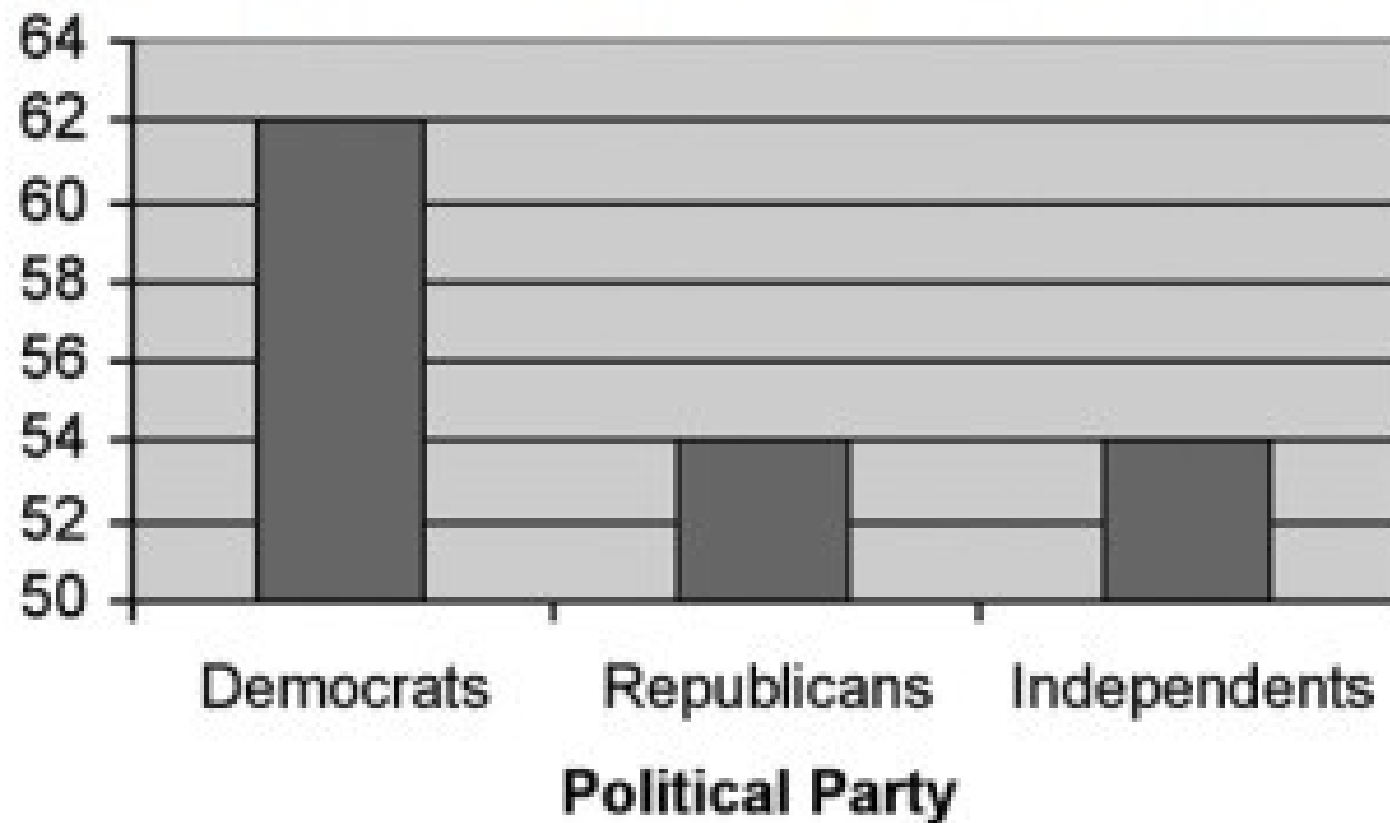




# Plot 6

## What can you infer?

**Percent Who Agreed With Court**







# Plot 7

## What can you infer?

Average Monthly Temperature	
	Fahrenheit
January	26.4
February	28.0
March	35.8
April	46.6
May	56.3
June	65.8
July	71.2

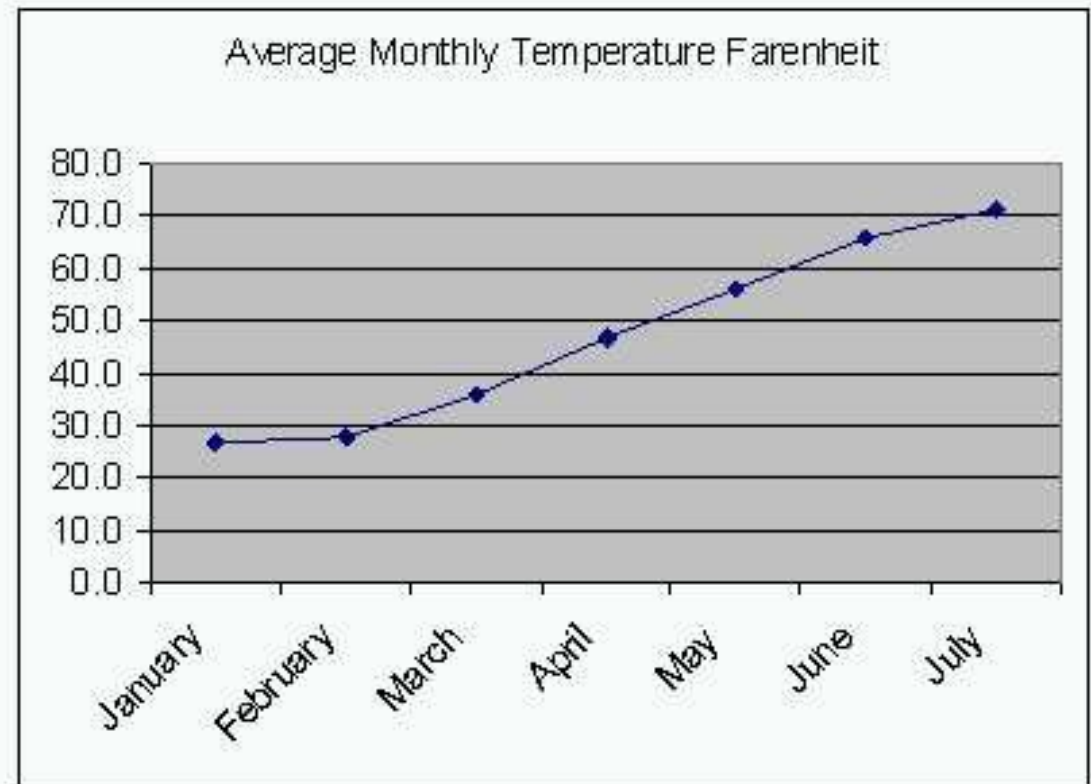


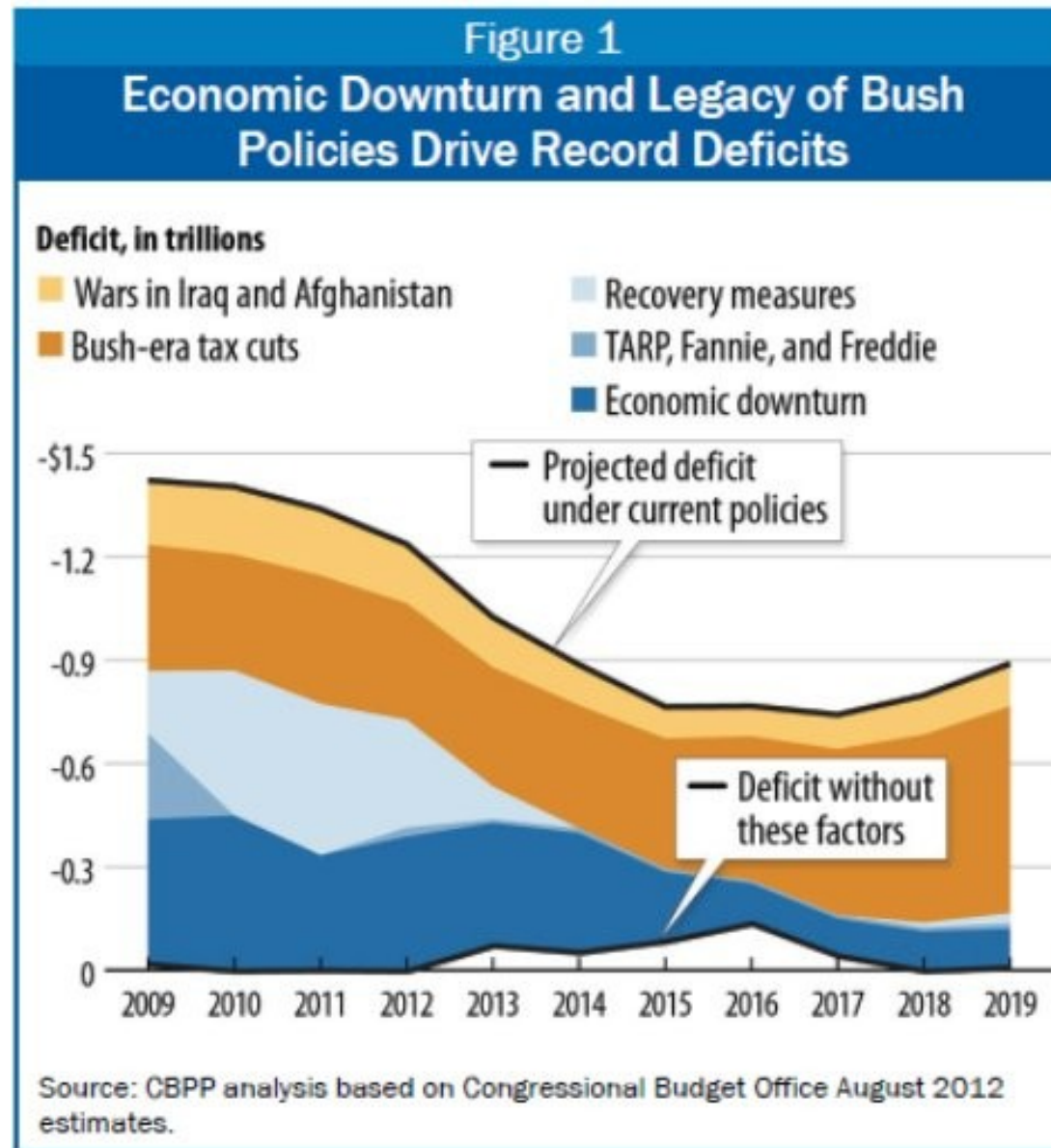
Figure 2

Average monthly temperature in New Haven, CT.



# Plot 8

## What can you infer?





# Plot 9

## What can you infer?

**Job and Health Insurance Losses Accelerating**  
*14,000 People Becoming Uninsured Every Day*

