

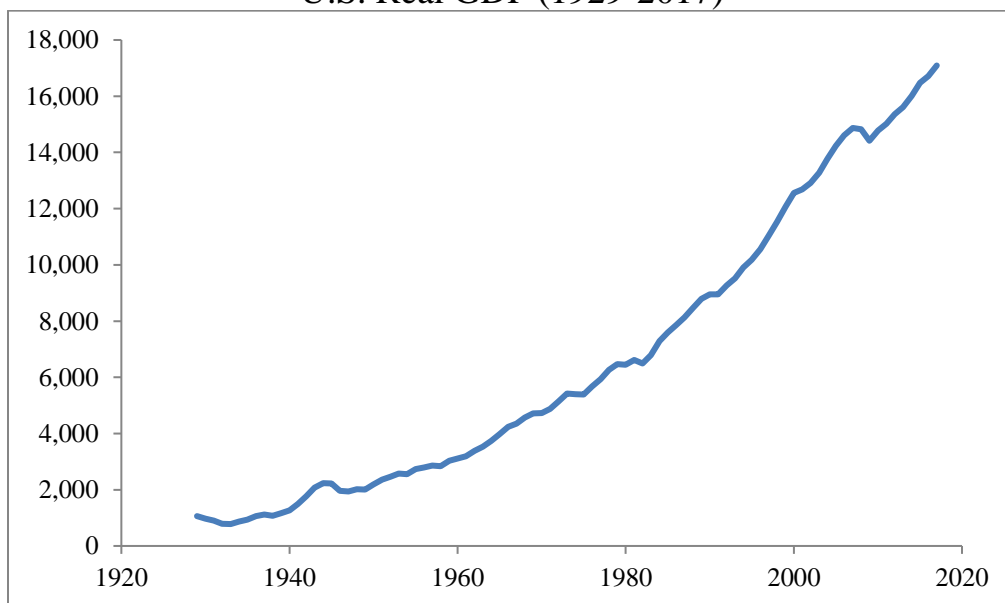
Macroeconomic Theory  
Project #1  
January 30, 2018

1. Complete the following table with current and historical data from the U.S. economy. You can find all necessary data at [www.bea.gov](http://www.bea.gov) and [www.bls.gov](http://www.bls.gov).

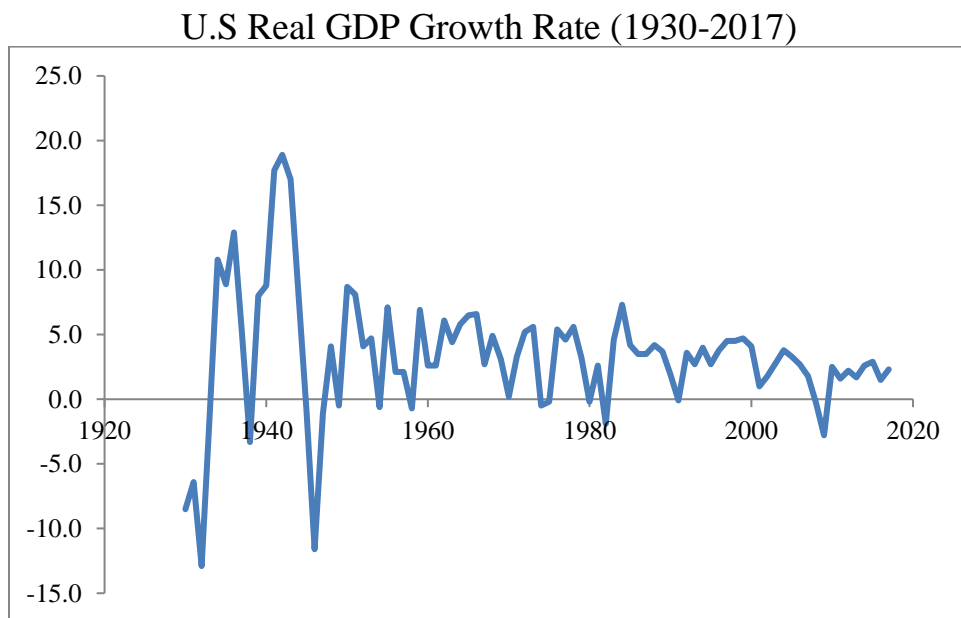
Macroeconomic Indicator	Most Recent Data		Historical Average	
	Value	Time Period	Value	Time Period
Real GDP growth rate	2.6%	4 <sup>th</sup> Quarter 2017	3.3%	1930-2017
CPI Inflation rate (annualized) (Not Seasonally Adjusted)	2.1%	December 2017	3.2%	1914-2017
Unemployment rate (Seasonally Adjusted)	4.1%	December 2017	5.8%	1948-2017
Change in Total Nonfarm Payroll (Seasonally Adjusted 1-month net change)	148,000	December 2017	124,031	1939-2017

2. Produce a graph of annual U.S. real GDP from 1929-2017. This data is available at [www.bea.gov](http://www.bea.gov). The data for 2017 will be released on Friday, January 26.

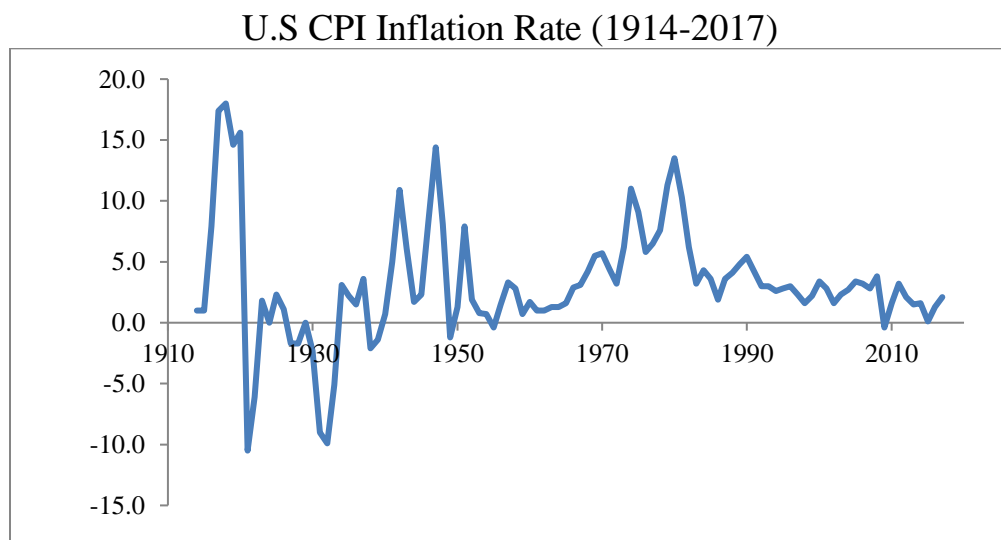
U.S. Real GDP (1929-2017)



3. Produce a graph of annual U.S. real GDP growth rate from 1930-2017. This data is available at [www.bea.gov](http://www.bea.gov). The data for 2017 will be available on Friday, January 26.



4. Produce a graph of the annual U.S. CPI inflation rate (not seasonally adjusted) from 1914-2017. This data is available at [www.bls.gov](http://www.bls.gov).



5. Produce a graph of the annual U.S. unemployment rate (seasonally adjusted) from 1948-2017. This data is available at [www.bls.gov](http://www.bls.gov). You can calculate the annual unemployment rate as the average of the monthly rates for any given year.

