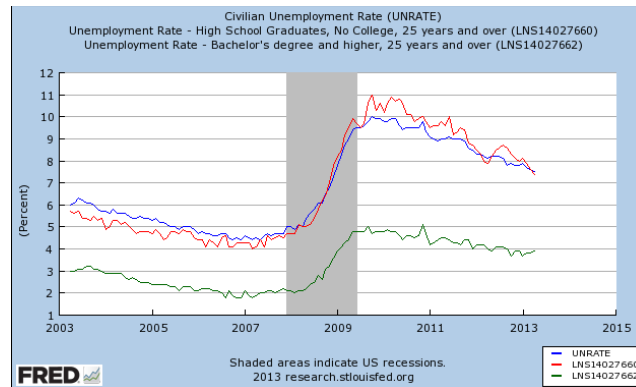


# FRED Scavenger Hunt Exercise Solutions

## Exercise 1

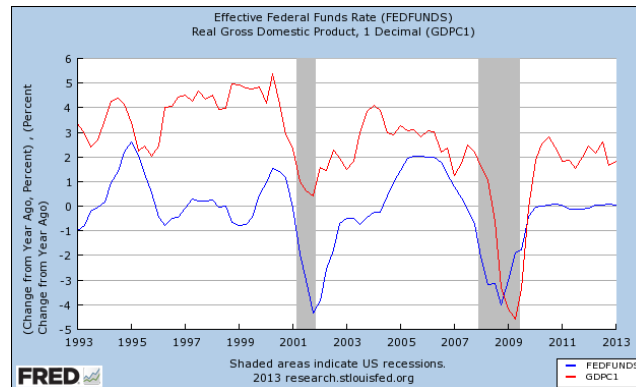
1. On the FRED front page choose 'Sources'.
2. Find and select U.S. Department of Labor: Bureau of Labor Statistics.
3. Select 'Employment Situation'.
4. Select 'Civilian Unemployment Rate' and then click the graph on the ensuing page.
5. Add 'Unemployment Rate - High School Graduates, No College, 25 years and over (LNS14027660)' to a new line and change the observation range. Repeat for 'Unemployment Rate - Bachelor's degree and higher, 25 years and over (LNS14027662)'
6. Click the '10yrs' radio button under 'Observation Quick Range' on any line. Click 'Copy to All Lines' and then redraw the graph.



# FRED Scavenger Hunt Exercise Solutions

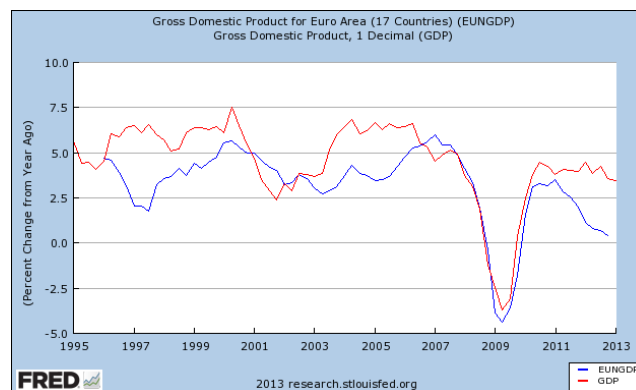
## Exercise 2

1. From the FRED front page, select 'Categories'.
2. Under 'Money, Banking, & Finance' select 'Interest Rates'.
3. Select 'FRB Rates – discount, fed funds, primary credit'.
4. Select 'Effective Federal Funds Rate' and then click on the graph.
5. Under 'Observation Date Range' change the starting date to 1993.
6. Change the frequency to 'Quarterly' and redraw the graph.
7. Add Real GDP to a new line and change the date range to match the Effective Federal Funds Rate.
8. Change the units for the funds rate to 'Change from Year Ago, Percent'.
9. Change the units for Real GDP to 'Percent Change from a Year Ago'.



## Exercise 2: Bonus

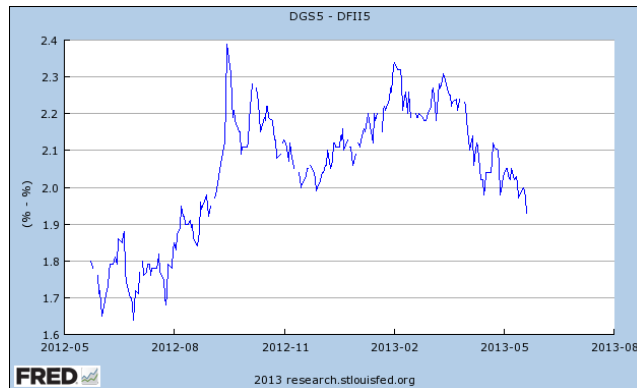
1. From the FRED front page, select 'Categories'.
2. Under 'International Data' select 'Indicators' and then choose 'National Accounts'.
3. Next choose 'GDP'.
4. From the left-hand side click 'Geographies' under 'Related Tags' and then select 'euro area'.
5. Click 'Gross Domestic Product for Euro Area (17 Countries)' and then click on the graph.
6. Change the units to 'Percent Change from Year Ago'.
7. Add 'Gross Domestic Product, 1 Decimal (GDP)' to a new line. Change the starting observation range to 1995.



# FRED Scavenger Hunt Exercise Solutions

## Exercise 3

1. From the FRED front page select 'Sources'.
2. Select 'Board of Governors of the Federal Reserve System' and then select 'H.15 Selected Interest Rates'.
3. From the left-hand menu, under 'Related Tags > All' select 5-year.
4. Select '5-Year Treasury Constant Maturity Rate (DGS5)' and click on the graph.
5. Select the '1yr' radio button under 'Observation Quick Range'.
6. Add the '5-Year Treasury Inflation Protected Security, Constant Maturity (DFI15)' data to the same line.
7. Transform the data by subtracting  $a - b$  in the 'Formula' field.



8. Add the University of Michigan Inflation Expectation Survey to a new line.
9. Set the quick range to one year and copy it to all lines. Redraw and save the graph.
10. Change the frequency of Line 1 to monthly. Redraw the graph.

