

**ECON 3312 – MONEY AND BANKING**  
**DATA ANALYSIS EXERCISE**  
**GENERAL GUIDELINES**

In the course we have covered the notion of what a monetary aggregate is, and I have provided a handout detailing how economists use the monetary statistics for informational purposes.

Now I would like you to do the following general assignment to explore monetary aggregates in other countries. So this exercise will involve getting monetary aggregate data for a different country and then manipulating the data so as to do some economic analysis with the data.

So, first I want you to pick a developed country. This will be the title of your “Data Analysis Exercise”.

Now I want you to follow the following steps:

1. Find the central bank for your chosen country. What is it’s name? Where is it located? Who is the current Governor or President of the central bank? What is the website address?
2. How many different monetary aggregate statistics does the bank currently produce? List these, and their definitions. Note how any aggregate definition differs from that for the US aggregates.
3. How long has each of these aggregates been produced and what is the frequency of the production of each of the aggregates? Are there any different versions (for example, seasonally adjusted and non-seasonally adjusted data). If so, list these too.
4. Download the monetary aggregate data into a spreadsheet and graph the raw data.
5. Now calculate the period over previous period percentage change, and graph this.
6. Now calculate the year over year percentage change, and graphs this.
7. Look for a representative interest rate on the central bank’s website, and graph this.
8. Next, try to find inflation data for the country (usually you will have to locate a CPI index, and then do an annual percentage change to calculate inflation).
9. Now compare the graphs for the different monetary aggregates in percentage change form with interest rates and inflation. Do you see any patterns in the data?
10. Lastly provide a commentary on your findings.

Please submit your assignment in Word or pdf format to [turnitin.com](http://turnitin.com) for grading. Thanks.

Now you can put your feet up and have a rest!