

Econ 807: Macroeconomic Theory and Policy
Assignment 1: Measurement

Due Date: Tuesday January 7, 2003.

1. Go to CANSIM and download the following macroeconomic time-series for Canada. Use quarterly frequency and seasonally adjusted data. Get data for as far back as possible, choosing as your initial date, the time-series with the most recent start date (so that all your time-series have the same start date).
 - (a) Real GDP;
 - (b) Employment;
 - (c) Average hours worked per week (AHW);
 - (d) Real wage bill (total compensation for employees);
 - (e) Adult population (Ages 15+).

2. Construct and plot the following time-series using the data retrieved above:
 - (a) Real per capita GDP = Real GDP \div Population.
 - (b) Labour Input = Employment \times AHW.
 - (c) Labour Productivity = Real GDP \div Labour Input.
 - (d) Real Wage = Real Wage Bill \div Labour Input.
 - (e) Real Capital Income = Real GDP - Real Wage Bill.