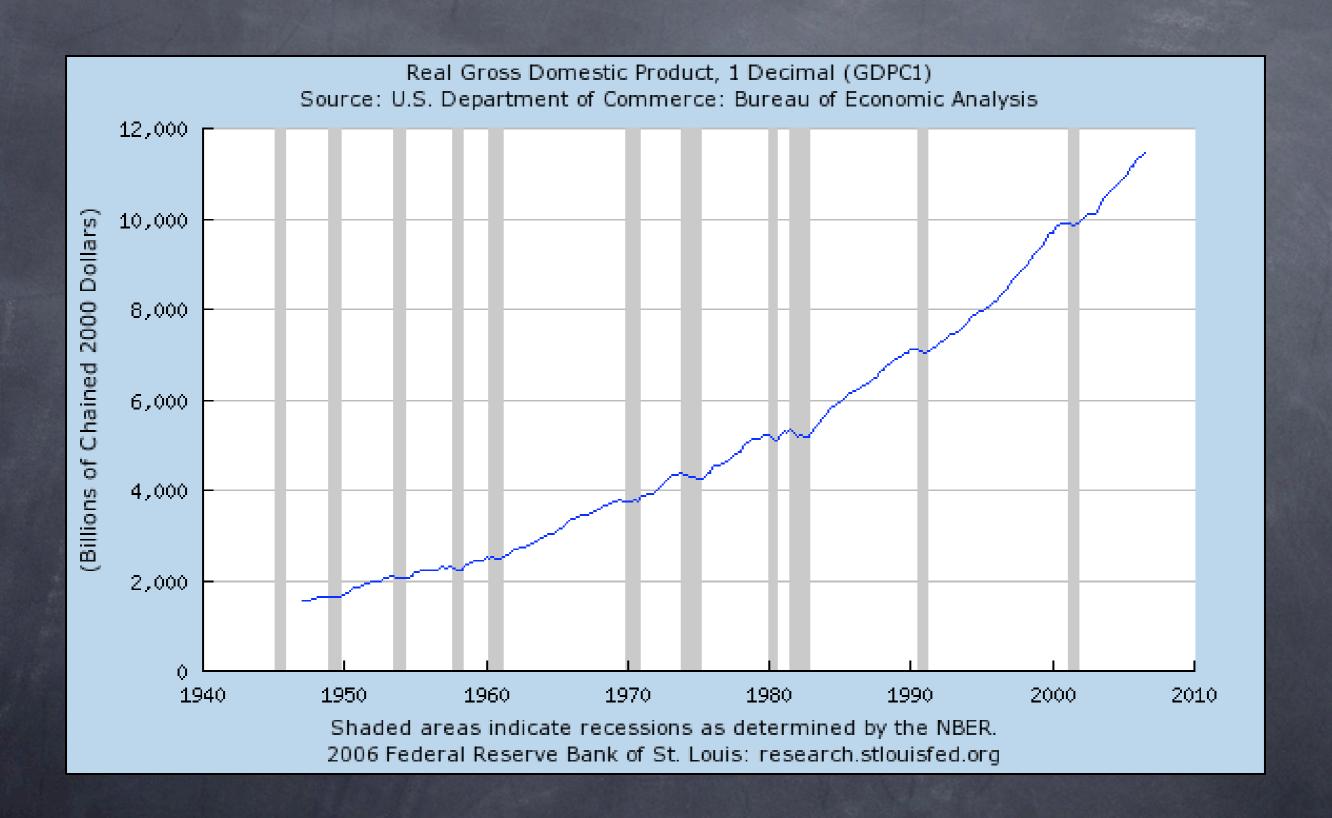
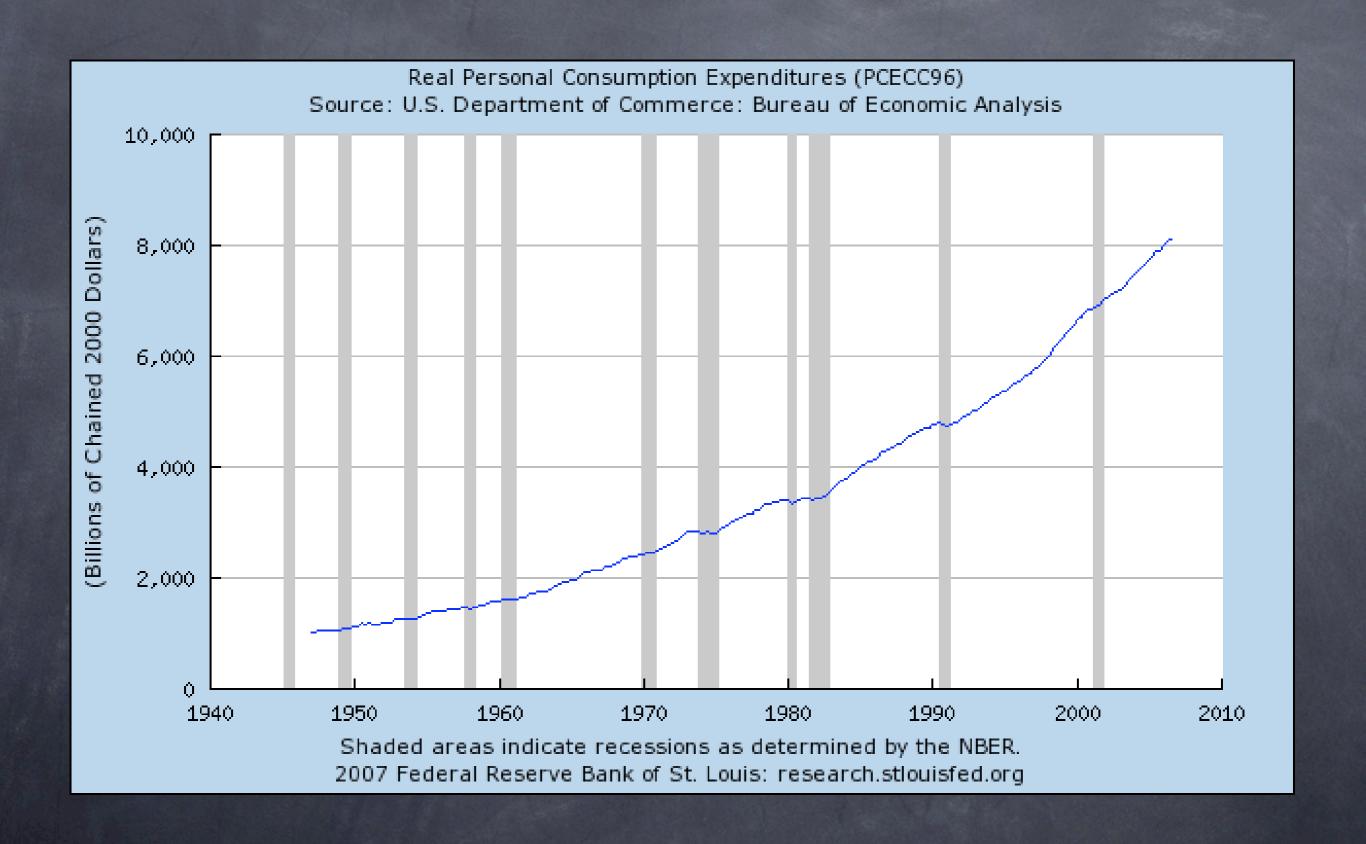
Class 3

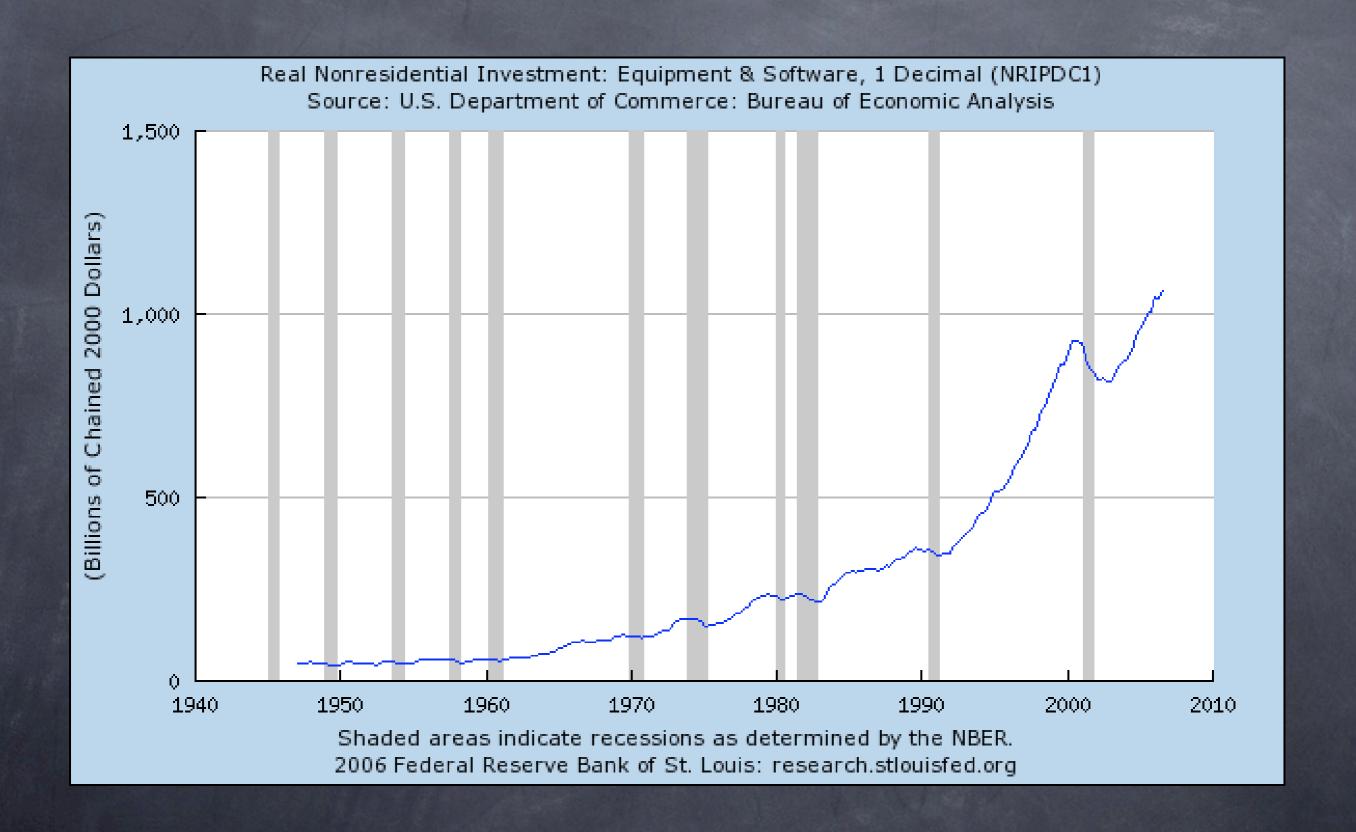
Econ 402 James Morley

Class 3 Outline

- More on the Data of Macroeconomics
 - Consumption and Investment
 - Data in Different Countries
 - The Yield Curve
 - Seasonality
 - Data Revisions
- The Great Moderation







Output, prices and jobs

% change on year ago

	Gross domestic product				Industrial production	Consumer prices			Unemployment
	latest	qtr*	2008†	2009†	latest	latest	year ago	2008†	rate‡,%
United States	+2.8 03	+4.9	+1.8	+2.6	+2.1 Nov	+4.3 Nov	+2.0	+2.8	5.0 Dec
Japan	+1.9 03	+1.5	+1.4	+1.9	+2.9 Nov	+0.6 Nov	+0.3	+0.3	3.8 Nov
China	+11.5 Q3	na	+10.1	+9.6	+17.3 Nov	+6.9 Nov	+1.9	+3.5	9.5 2007
Britain	+3.3 Q3	+2.7	+1.9	+2.2	+1.0 Oct	+2.1 Nov	+2.7	+2.1	5.3 oct††
Canada	+2.9 03	+2.9	+1.9	+2.5	+0.8 0ct	+2.5 Nov	+1.4	+1.9	5.9 Nov
Euro area	+2.7 03	+2.8	+1.8	+2.0	+3.8 0ct	+3.1 Dec	+1.9	+2.3	7.2 Nov
Austria	+3.3 Q3	+3.0	+2.6	+2.6	-0.8 Oct	+3.1 Nov	+1.6	+2.1	4.3 Nov
Belgium	+2.6 03	+2.2	+2.0	+2.0	₹0.6 0ct	+3.1 Dec	+1.6	+2.0	10.7 Nov‡‡
France	+2.2 03	+3.2	+1.8	+2.0	+2.5 Nov	+2.4 Nov	+1.4	+2.0	7.9 q3§§
Germany	+2.5 Q3	+2.8	+1.9	+2.1	+3.5 Nav	+2.8 Dec	+1.4	+2.1	8.4 Dec
Greece	+3.8 03	+3.6	+2.9	+2.5	+3.6 Nov	+3.9 Nov	+2.9	+3.0	8.3 Sep
Italy	+1.9 03	+1.7	+1.3	+1.5	-1.5 0ct	+2.6 Dec	+1.9	+2.3	5.9 03
Netherlands	+4.2 03	+7.5	+2.1	+2.2	+2.3 0ct	+1.9 Dec	+1.3	+2.0	4.2 Nov††
Spain	+3.8 Q3	+2.9	+2.4	+2.3	-0.6 Nov	+4.3 Dec	+2.7	+3.1	8.2 Nov

http://www.economist.com/ markets/indicators/

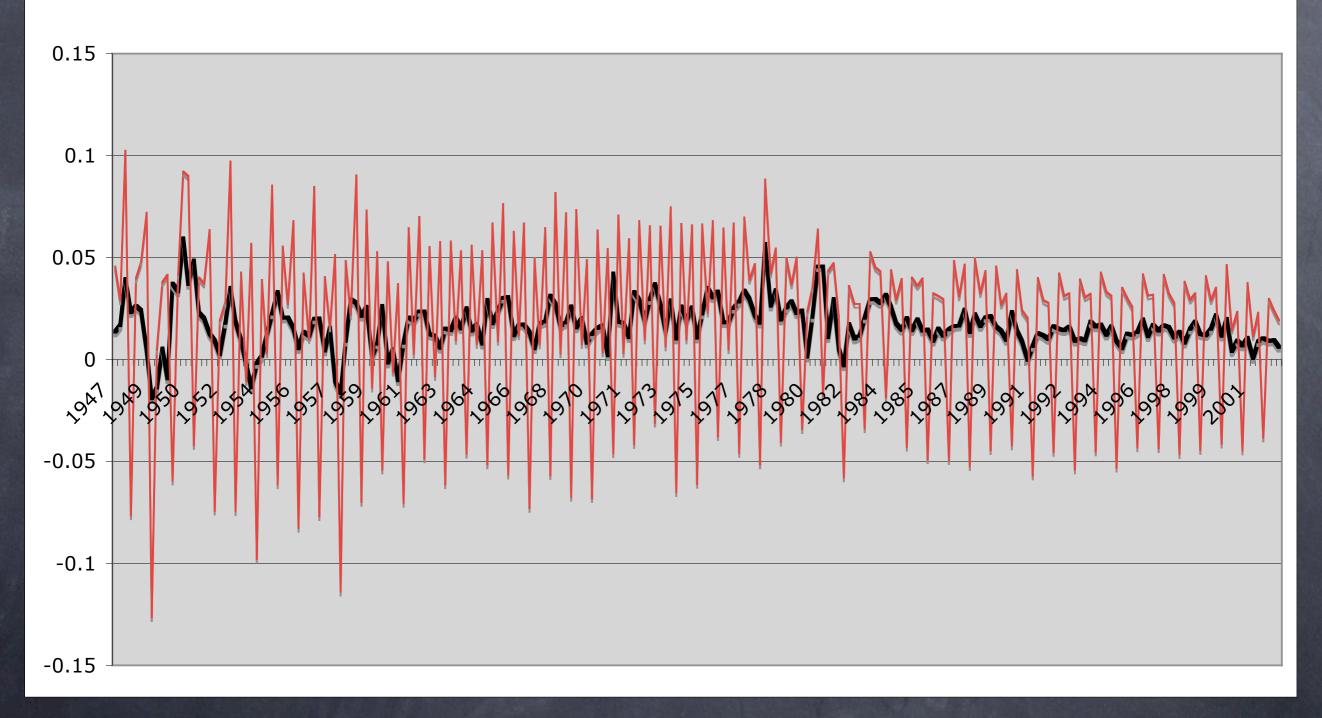
Yield Curve

http://online.wsj.com/mdc/public/page/ mdc_bonds.html?mod=mdc_h_bndsctnhd

Seasonality

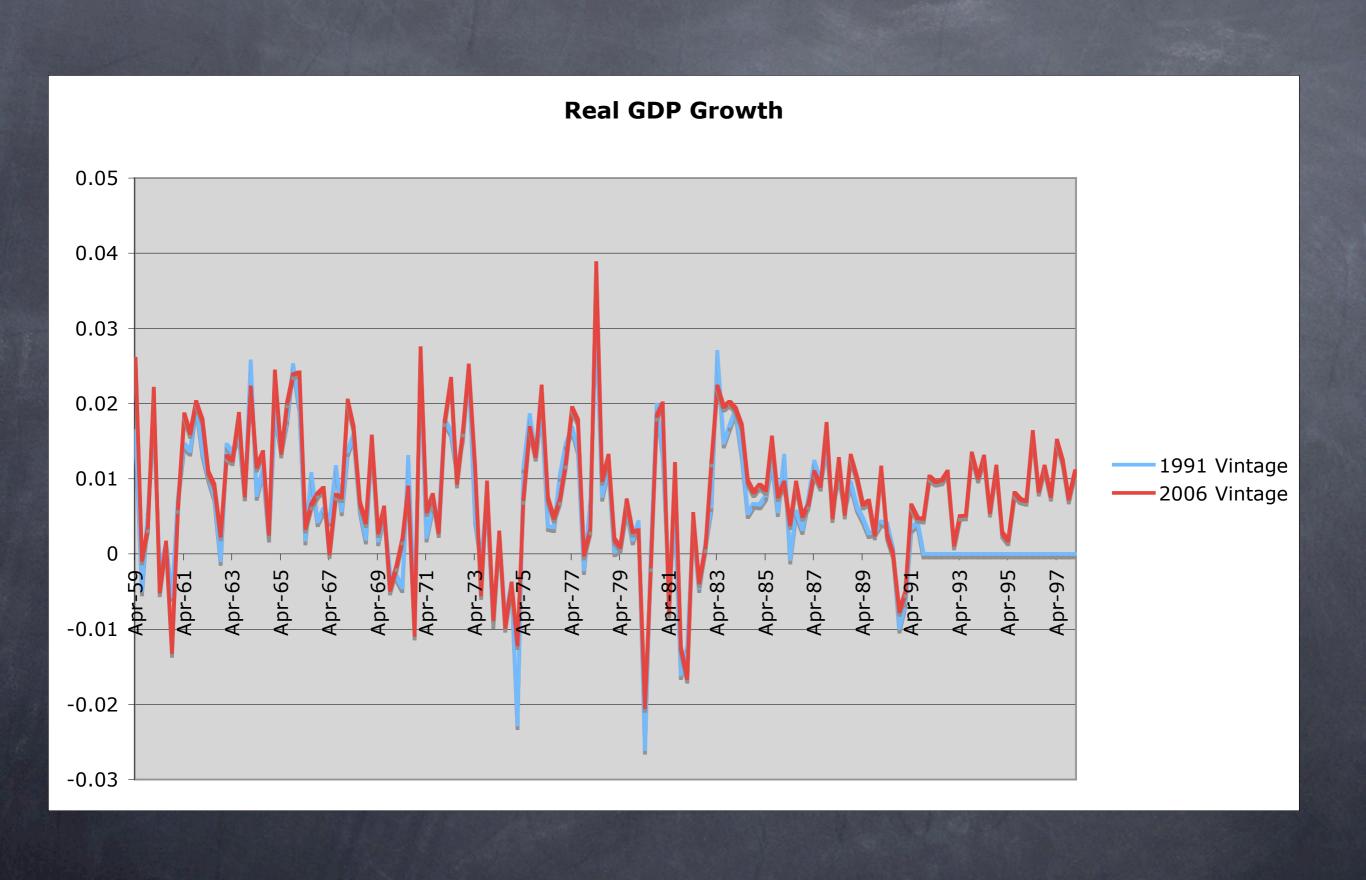
- Most macroeconomic variables are subject to huge seasonal fluctuations
- Do these matter?



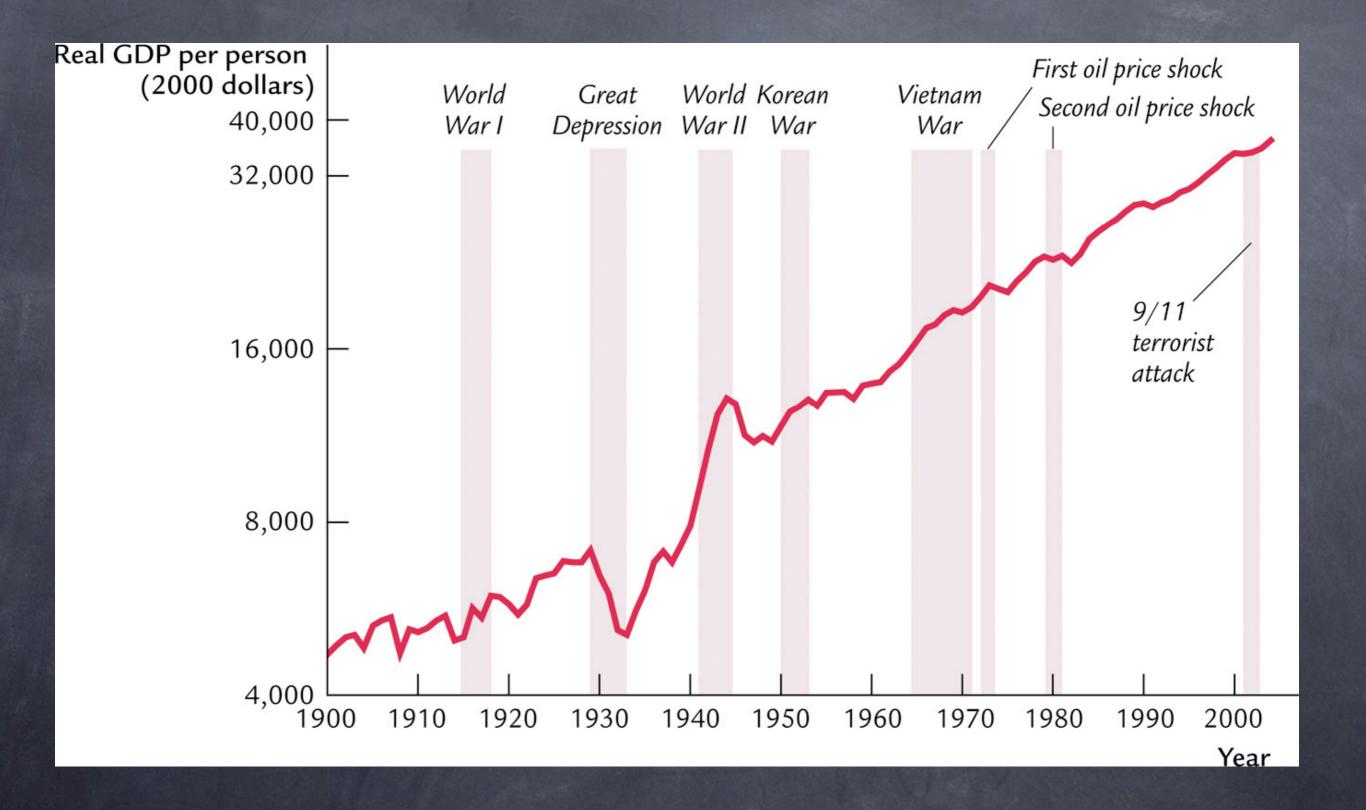


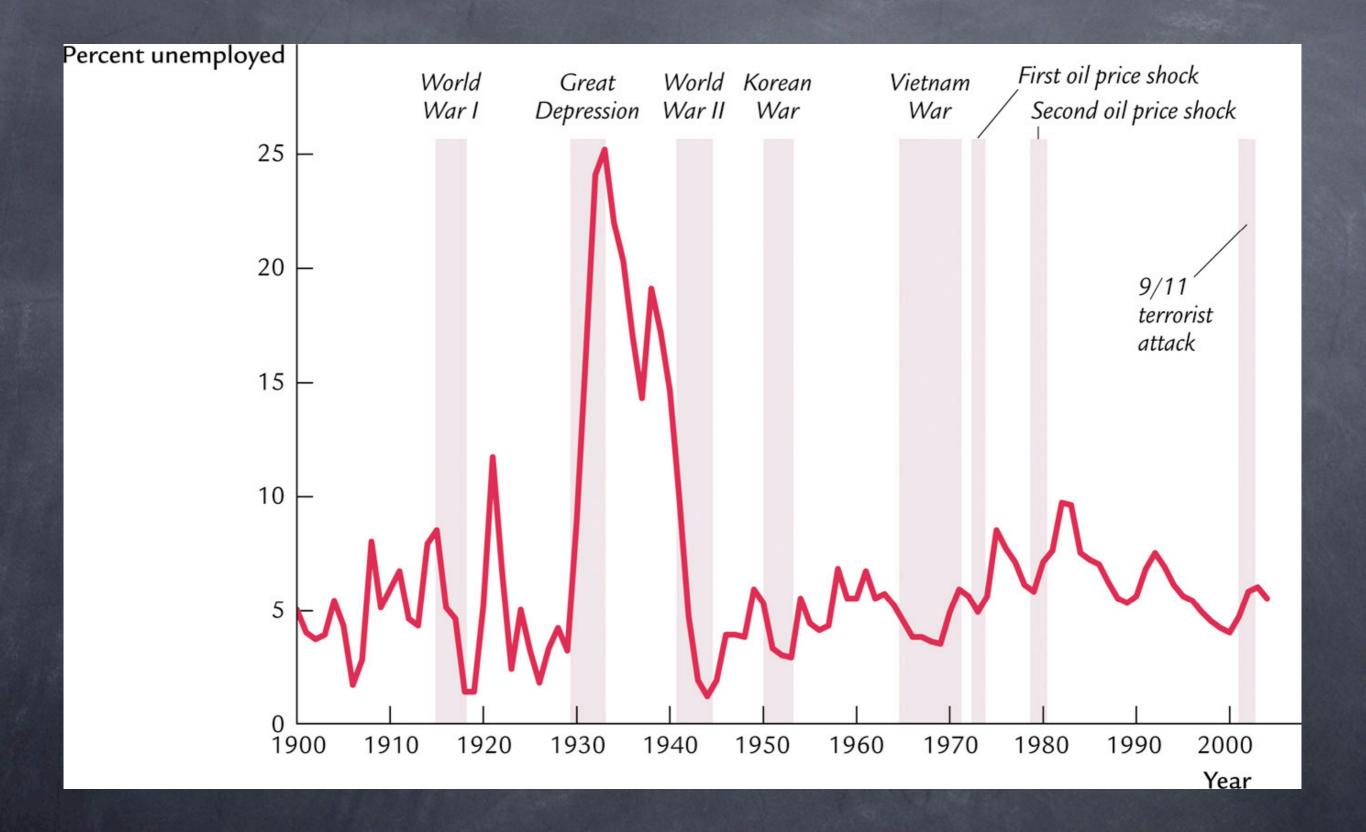
Data Revisions

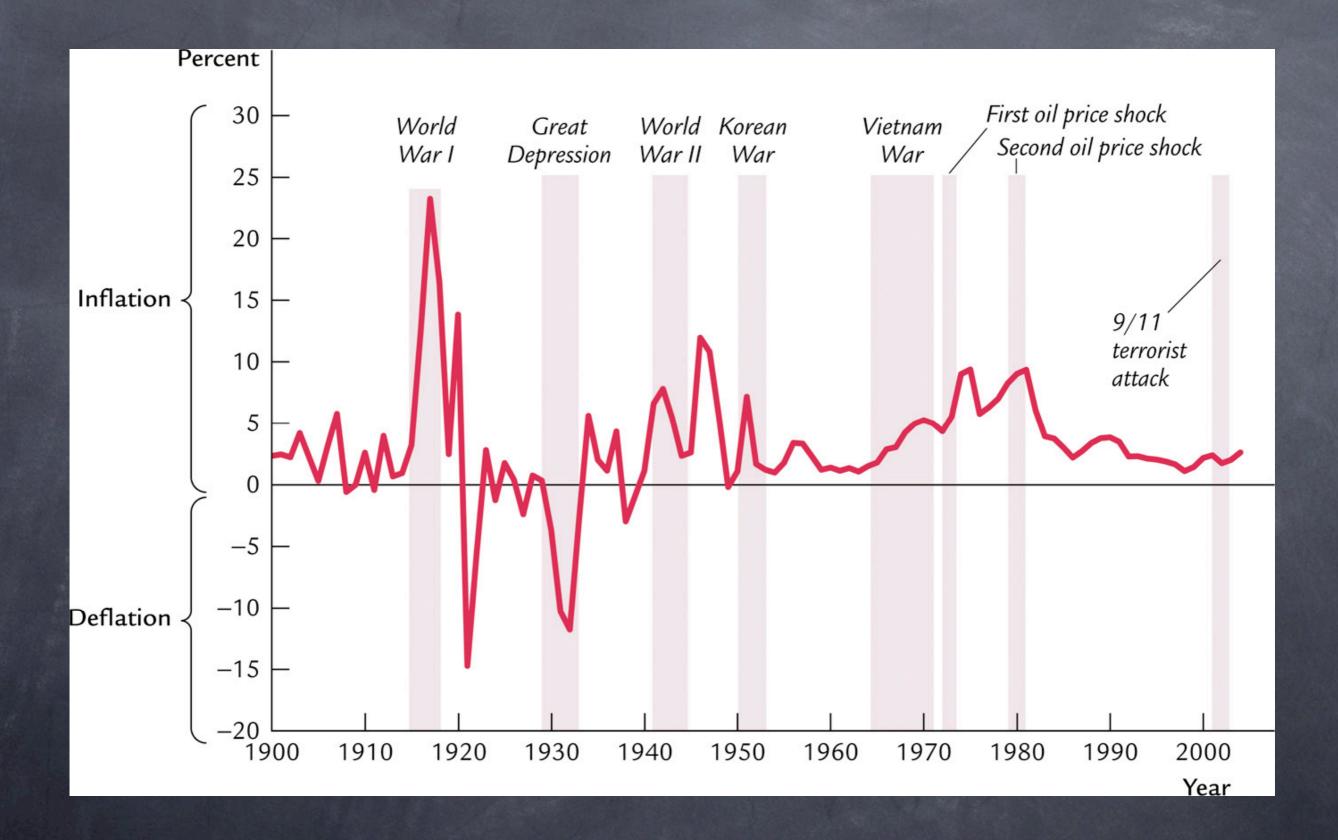
- Except for the CPI, most macroeconomic variables are revised over time, sometimes dramatically
- Are revisions predictable?



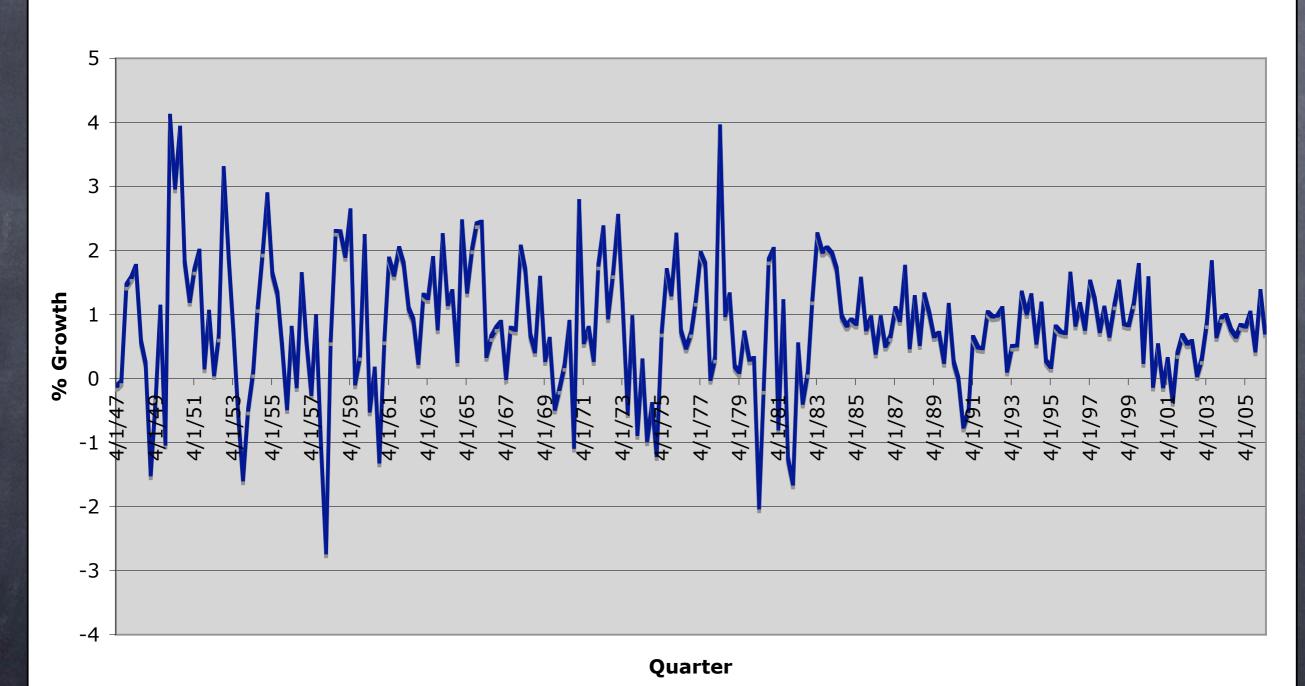
What is the "Great Moderation"?











What are possible reasons for the Great Moderation?

Reasons

- Information/Inventory Management
- Monetary Policy
- Changing structure to service-based economy
- Globalization
- Good luck (smaller supply shocks)

Are you surprised by the Great Moderation? Why? Next time: The "Classical" Model (Chapter 3 of Mankiw)