

Model Thinking

Scott E Page

Growth Models

Exponential Growth

Economic Growth

Solow's Growth Model

Extensions

Gross Domestic

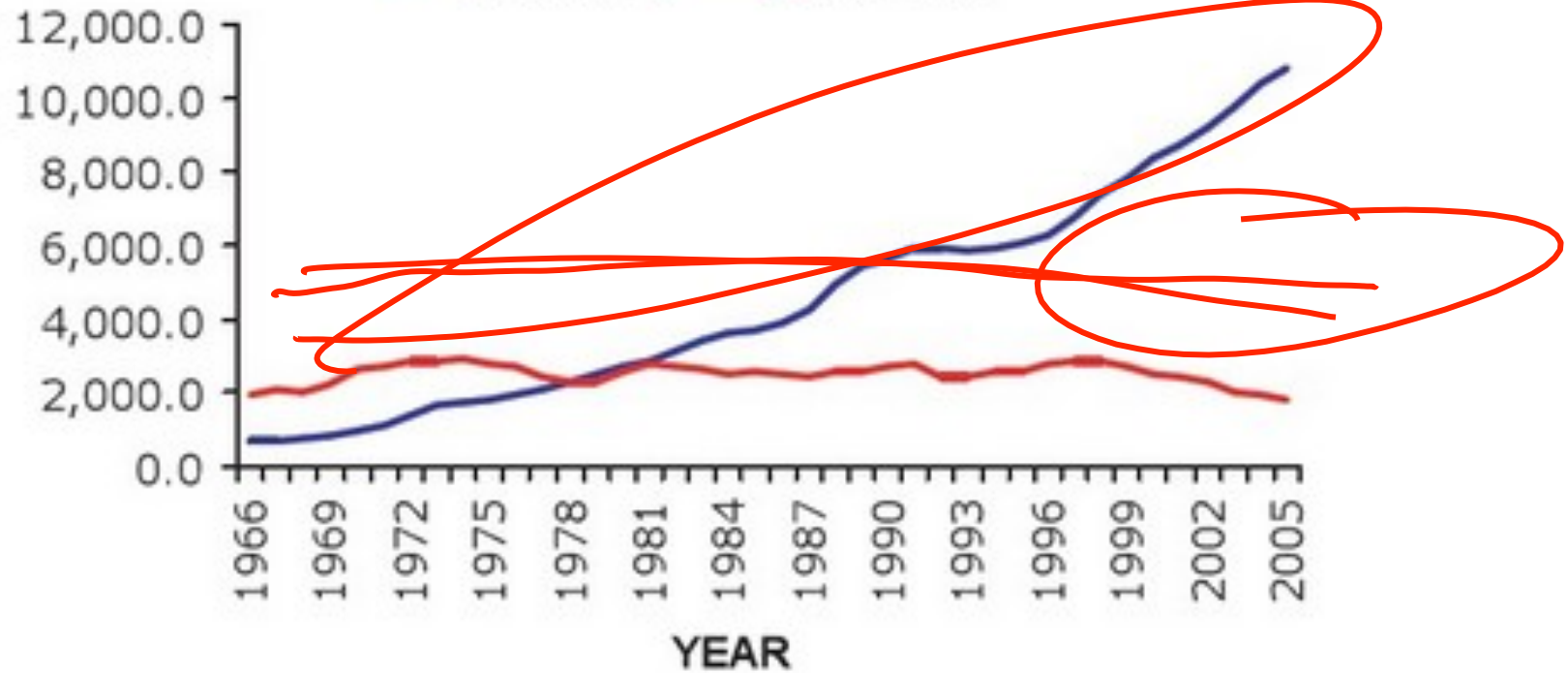
Product (GDP):

Total market value
of all goods and
services.

RANK	COUNTRY/ECONOMY	HARD DATA	
1	Luxembourg	113,044.0	
2	Norway	95,061.8	
3	Qatar	93,204.1	
4	Switzerland	67,384.5	
5	Denmark	62,625.6	
6	Ireland	61,809.6	
7	Iceland.....	55,462.2	
8	United Arab Emirates...	54,606.5	
9	Sweden.....	52,789.6	
10	Netherlands.....	52,019.0	
11	Finland.....	51,989.4	
12	Austria	50,098.4	
13	Australia	47,400.4	
14	Belgium.....	47,107.8	
15	United States	46,859.1	
16	France	46,015.9	
17	Kuwait	45,920.3	
18	Canada	45,428.2	
19	Germany	44,660.4	
20	United Kingdom	43,785.3	
21	Italy	38,996.2	
22	Singapore	38,972.1	
23	Japan.....	38,559.1	
24	Brunei Darussalam.....	37,053.0	
25	Spain	35,331.5	

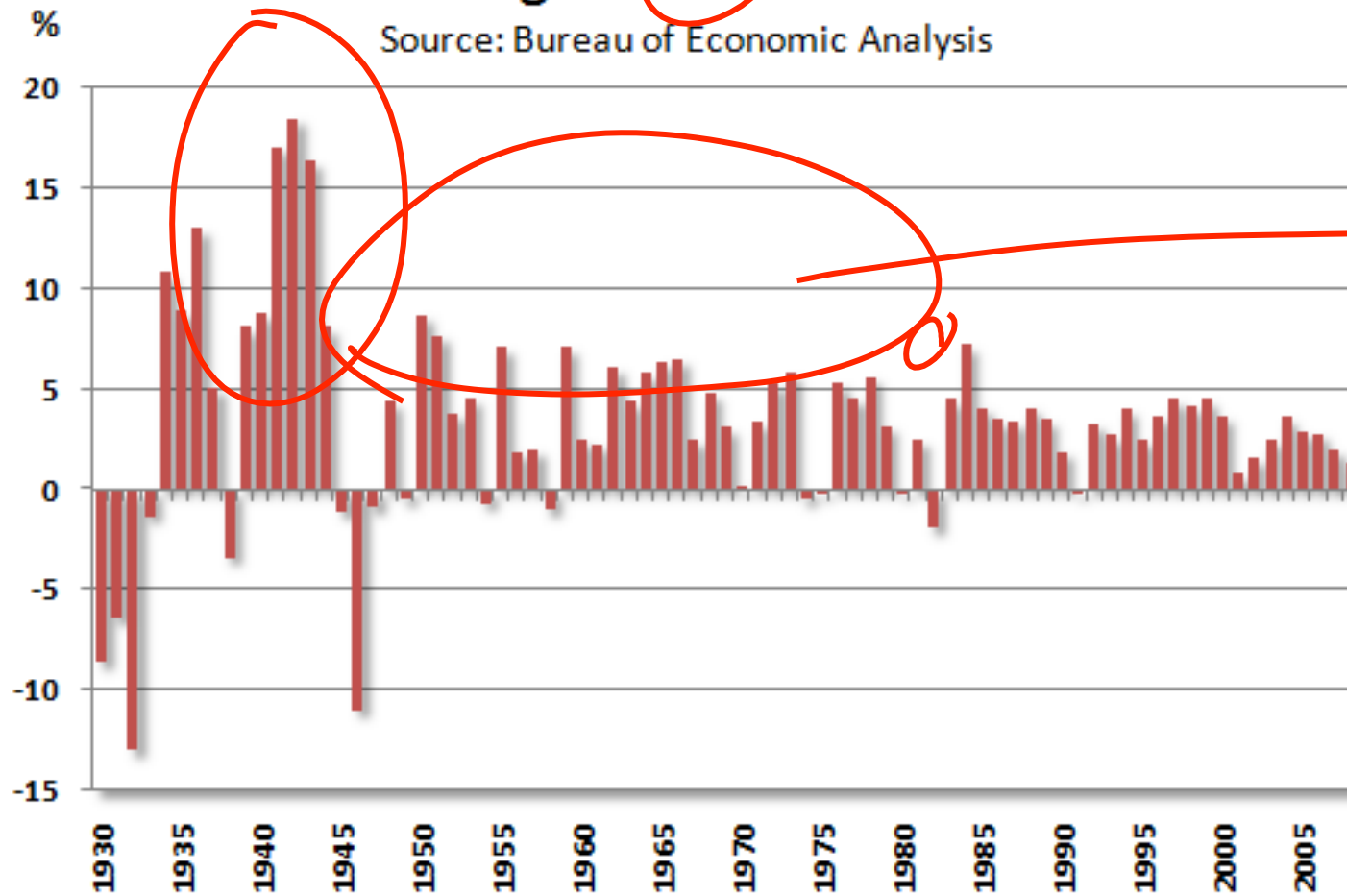
GDP per capita, PPP
(constant 2000 international dollars)

— Botswana — Zimbabwe



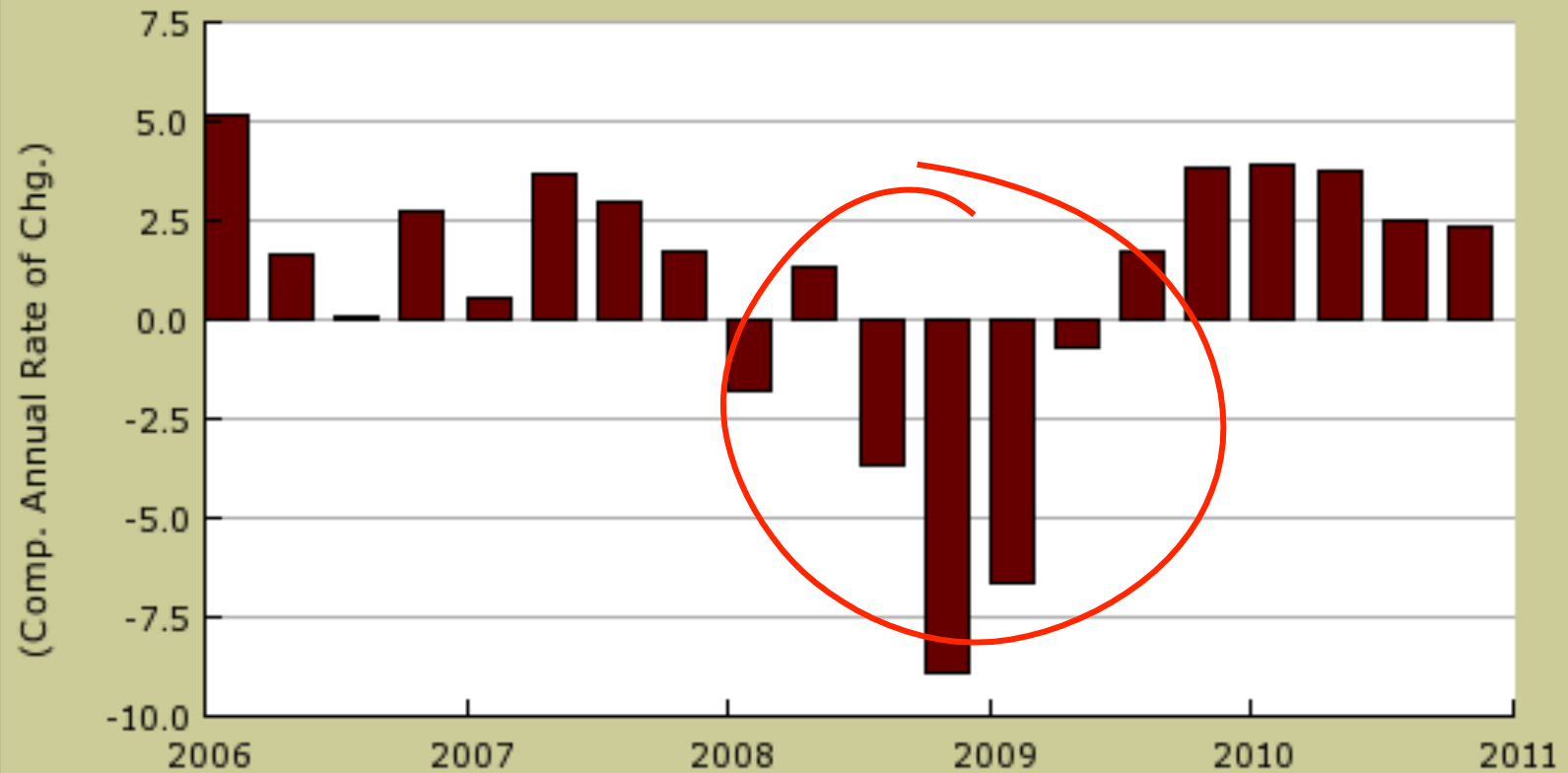
Annual Change in Real GDP Since 1930

Source: Bureau of Economic Analysis

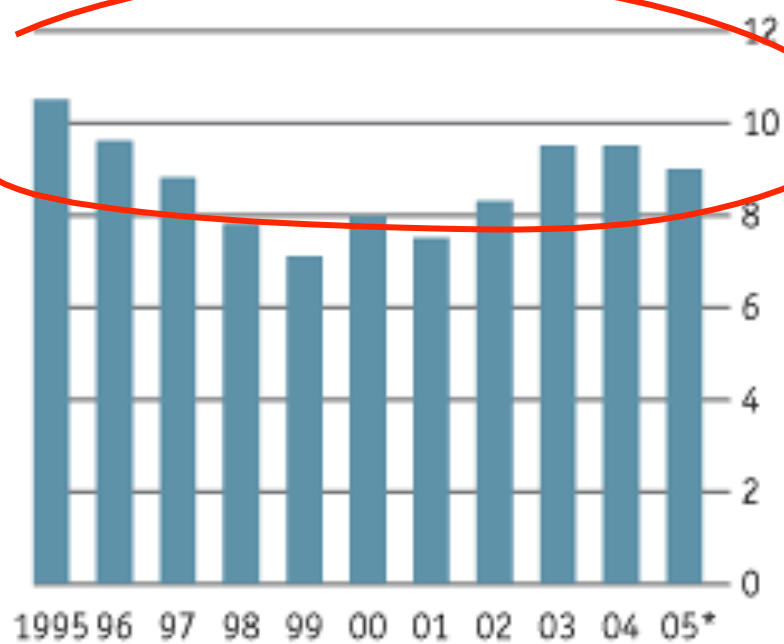


3-4%

Real Gross Domestic Product, 1 Decimal (GDPC1)



China's GDP, % increase on a year earlier

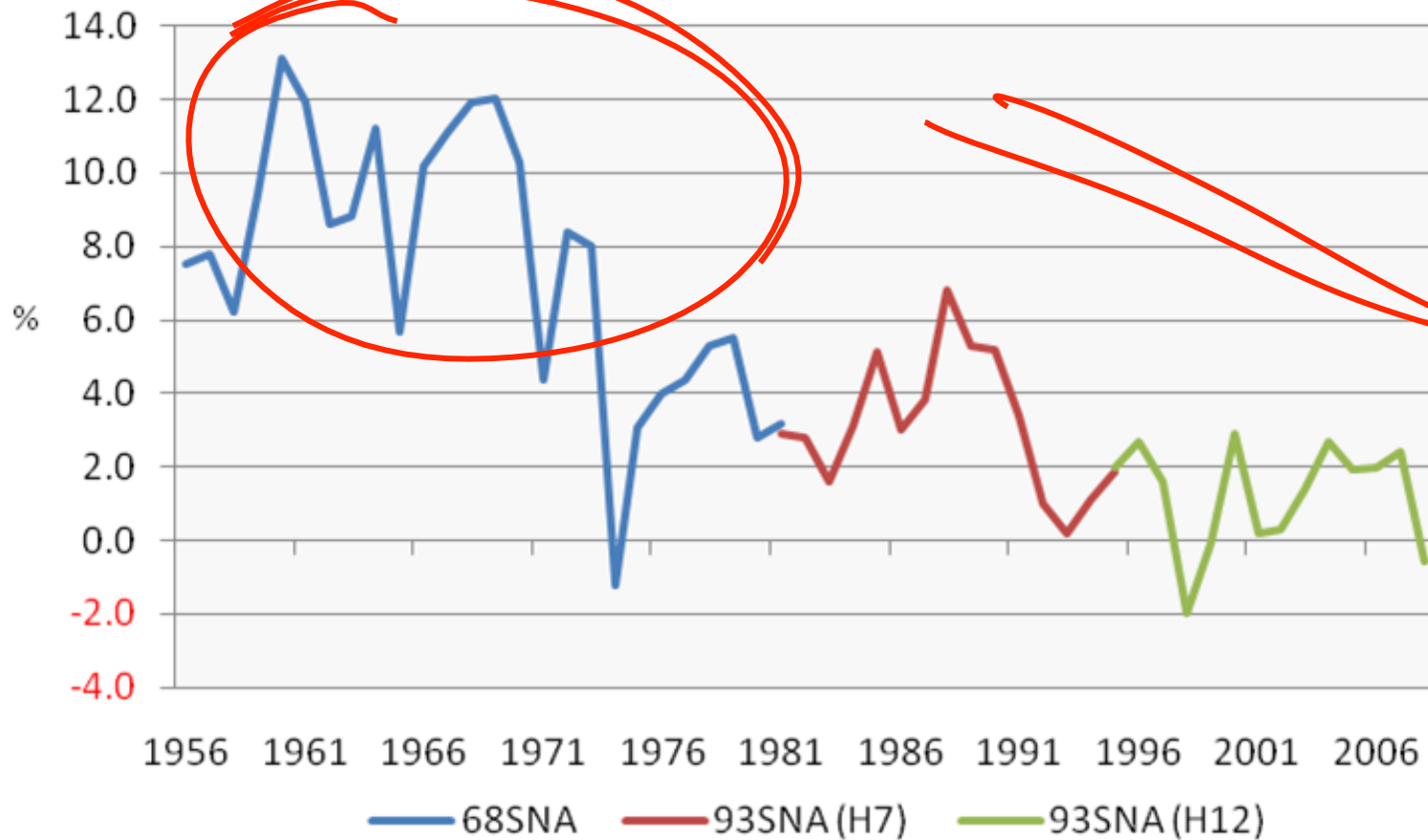


Source: IMF

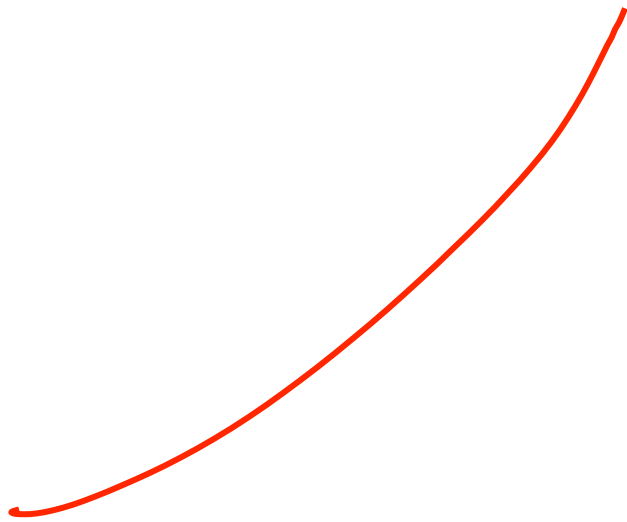
*Forecast

Real GDP growth rate in Japan (1956 - 2008)

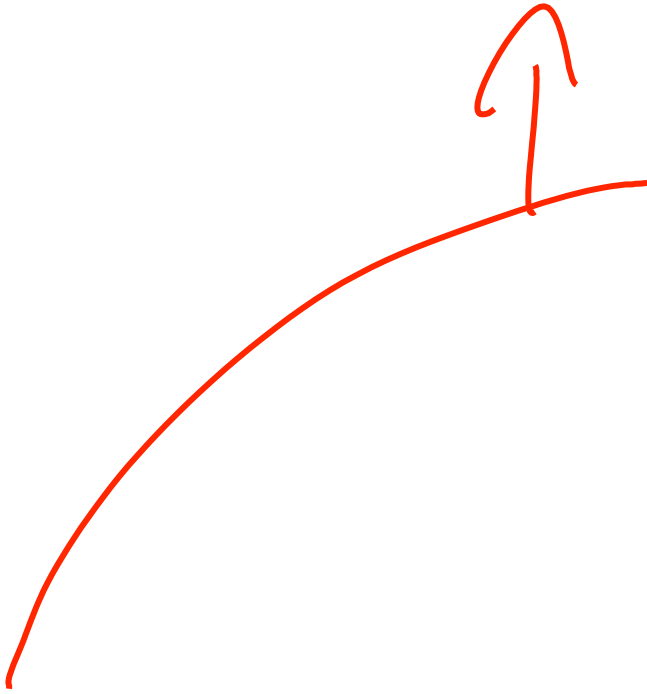
Percent change from preceding year



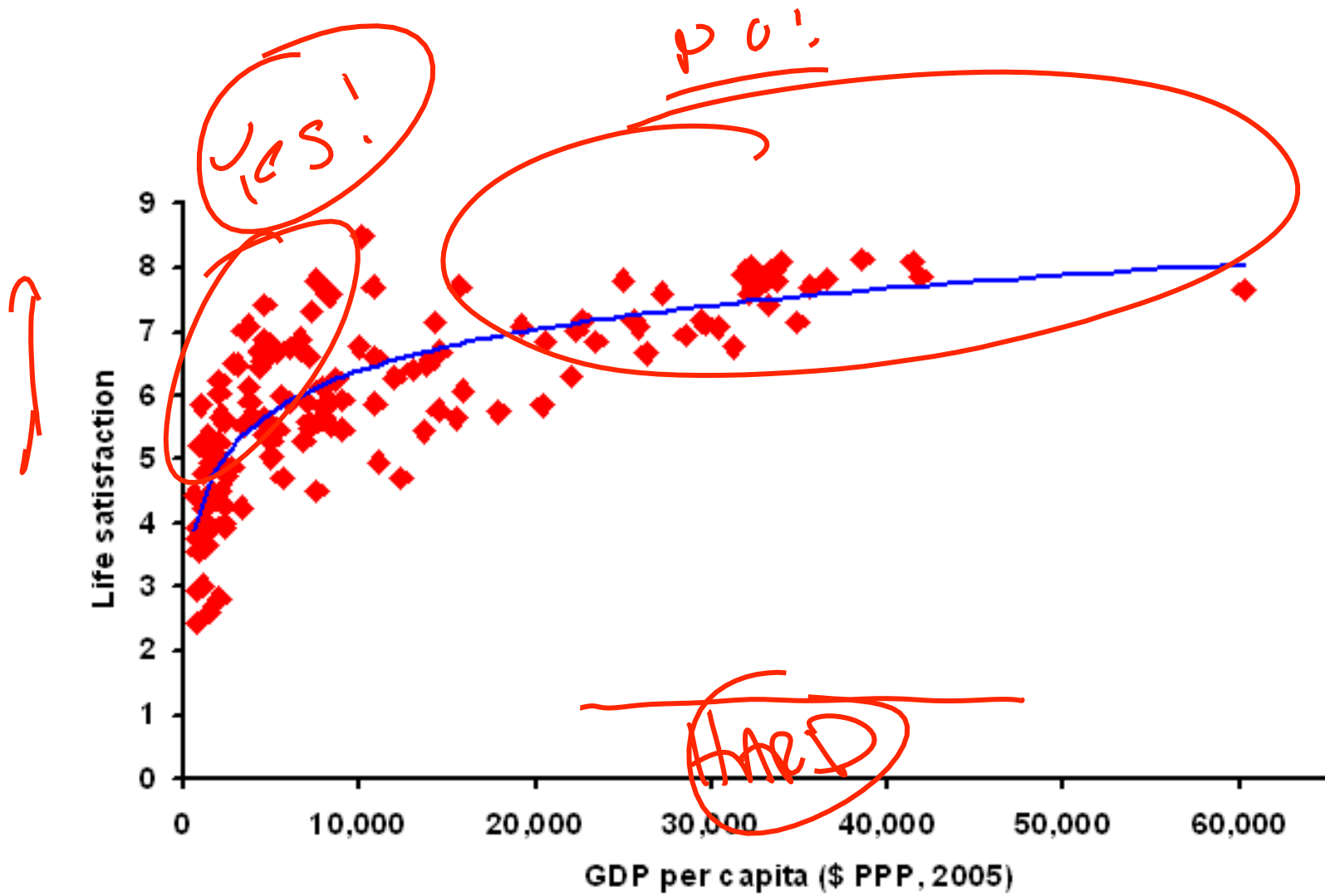
(source: Cabinet Office, Government of Japan)



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