### Lecture 5 - Technological Change

UCLA - Econ 102 - Fall 2018

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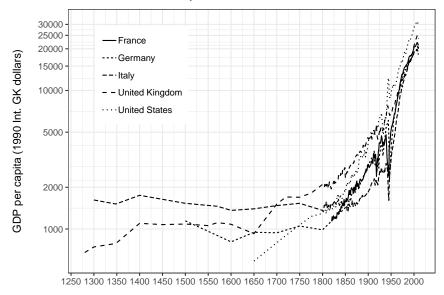


Figure 1: 1200-2010 GDP PER CAPITA (MADDISON DATA)

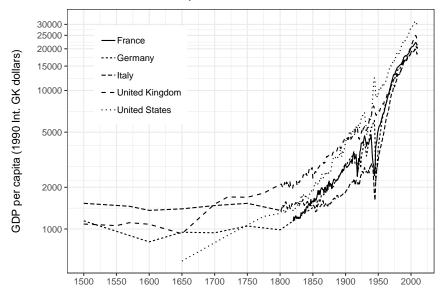


Figure 2: 1700-2010 GDP PER CAPITA (MADDISON DATA)

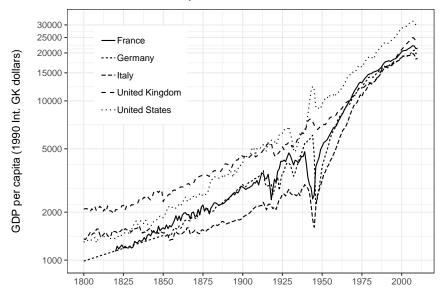


Figure 3: 1800-2010 GDP PER CAPITA (MADDISON DATA)

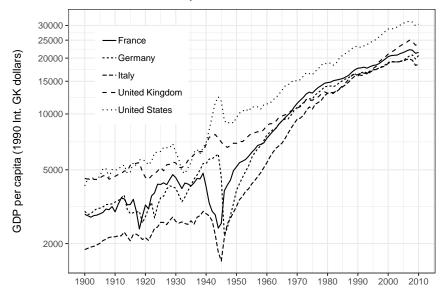
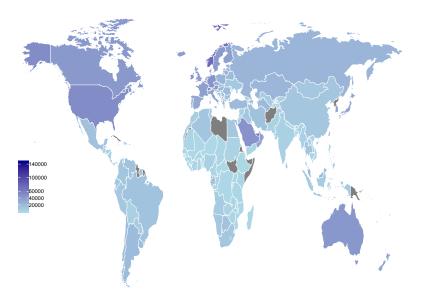


Figure 4: 1900-2010 GDP PER CAPITA (MADDISON DATA)

# GDP Per Capita Across Countries



#### **Poor Countries**

Ethiopia \$ 1,489 Togo \$ 1,446 Sierra Leone \$ 1,353 Guinea-Bissau \$ 1,257 Madagascar \$ 1,237 Mozambique \$ 1,211		
Togo \$ 1,446 Sierra Leone \$ 1,353 Guinea-Bissau \$ 1,257 Madagascar \$ 1,237 Mozambique \$ 1,211	Per.Capita.GDP	Countryname
Sierra Leone \$ 1,353 Guinea-Bissau \$ 1,257 Madagascar \$ 1,237 Mozambique \$ 1,211	\$ 1,489	Ethiopia
Guinea-Bissau \$ 1,257 Madagascar \$ 1,237 Mozambique \$ 1,211	\$ 1,446	Togo
Madagascar \$ 1,237 Mozambique \$ 1,211	\$ 1,353	Sierra Leone
Mozambique \$ 1,211	\$ 1,257	Guinea-Bissau
•	\$ 1,237	Madagascar
DR of the Congo \$1199	\$ 1,211	Mozambique
D.1. 01 the conge	so \$ 1,199	D.R. of the Congo
Malawi \$ 971	\$ 971	Malawi
Liberia \$877	\$ 877	Liberia
Niger \$ 868	\$ 868	Niger
Burundi \$ 840	\$ 840	Burundi
Central African Republic \$ 599	ublic \$ 599	Central African Republic

#### Rich Countries

Countryname	Per.Capita.GDP
Qatar	\$ 146,037
China, Macao SAR	\$ 130,758
Norway	\$ 75,920
United Arab Emirates	\$ 68,021
Kuwait	\$ 67,432
Brunei Darussalam	\$ 66,968
Singapore	\$ 66,050
Luxembourg	\$ 65,842
Switzerland	\$ 61,570
United States	\$ 51,623
Ireland	\$ 51,224
Netherlands	\$ 47,392
Saudi Arabia	\$ 46,772
Germany	\$ 46,190