Development Policy Lecture 8

Institutions and Policies for Industrialization



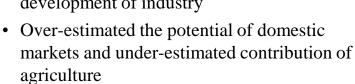
Paul Rosenstein-Rodan

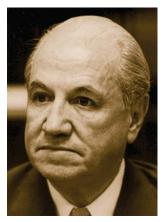


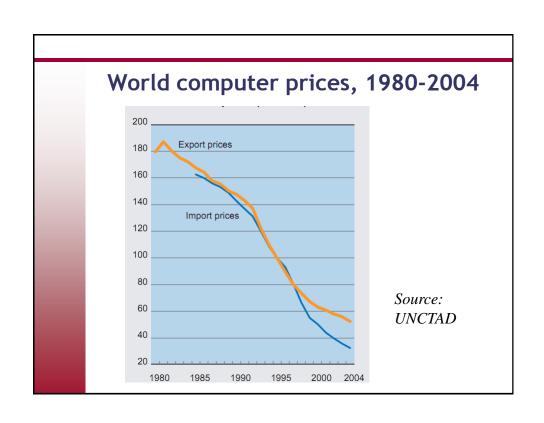
- A critical mass of investment or "big push" is needed to get industrialization underway.
- Large investments in infrastructure (transport and communications) are lumpy.
- Investment in complementary industries lowers costs and risks
- Positive externalities are available on the supply and demand side if the investment effort is large

Raul Prebisch

- Periphery exports raw materials and the center exports manufactures
- Prices of raw materials fall relative to manufactures because of power of labor unions, market power
- ISI is needed to stimulate the development of industry

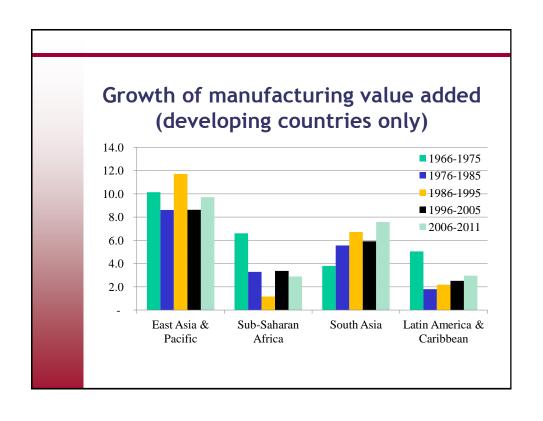


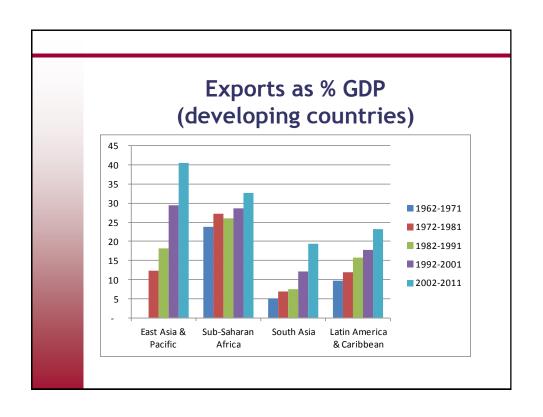




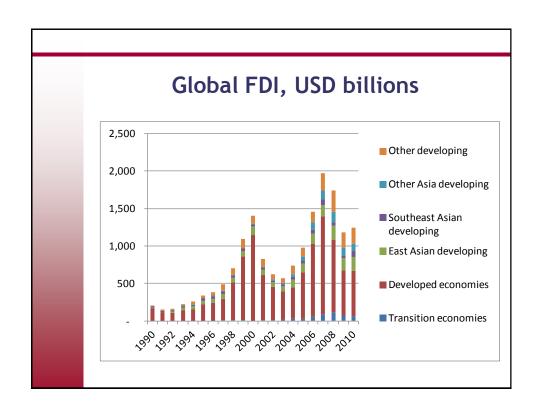
Natural resources as share of to	tal
exports (%)	

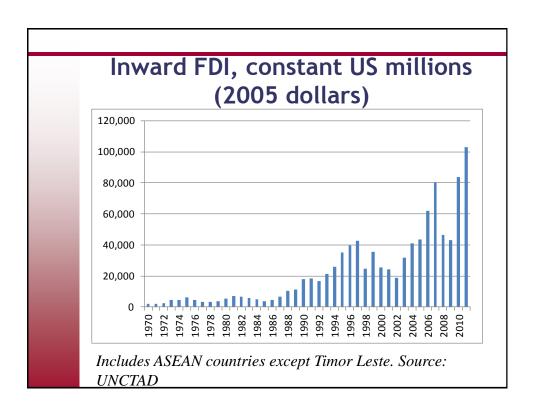
	Agric	Food	Fuel	Ores and metals	Total
European Union	1.3	8.9	5.2	2.4	17.7
United States	2.3	10.2	5.8	3.5	21.9
Japan	0.7	0.7	1.8	2.8	6.0
Australia	2.0	14.1	32.0	27.4	75.5
Canada	3.6	11.5	25.0	7.3	47.4
China	0.5	2.9	1.7	1.2	6.3
India	1.2	8.0	13.4	6.2	28.8
Brazil	3.8	34.2	9.0	11.7	58.7
Indonesia	4.5	17.3	28.4	9.2	59.4
Russia	2.3	3.2	66.7	5.7	78.0
Vietnam	2.9	20.0	20.3	0.9	44.1

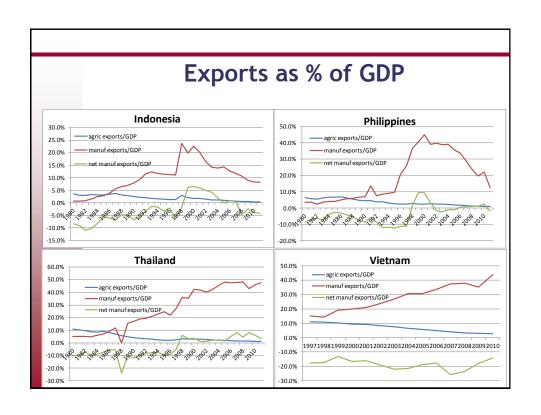


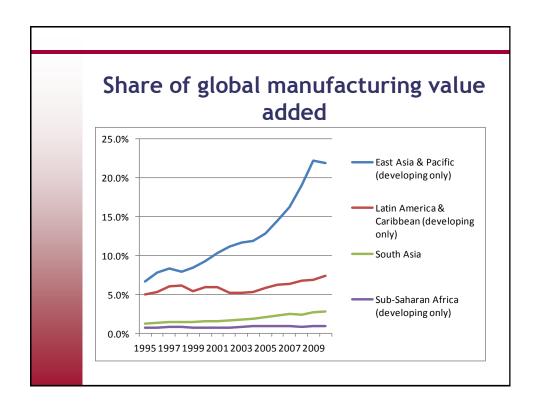


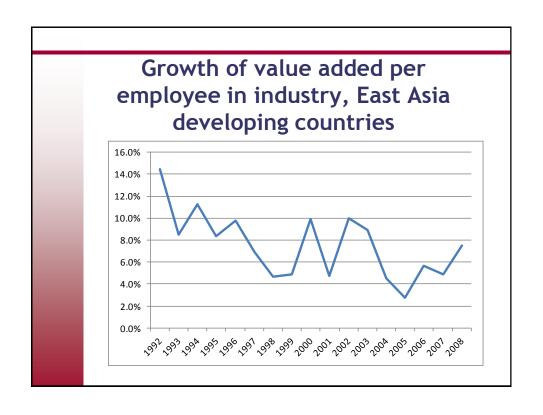


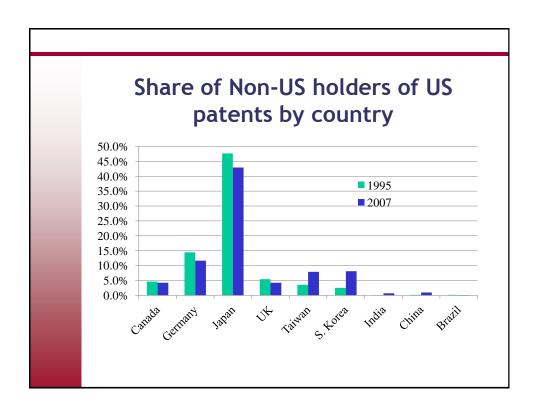


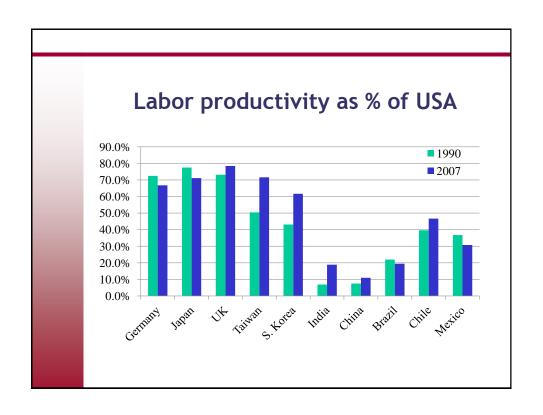


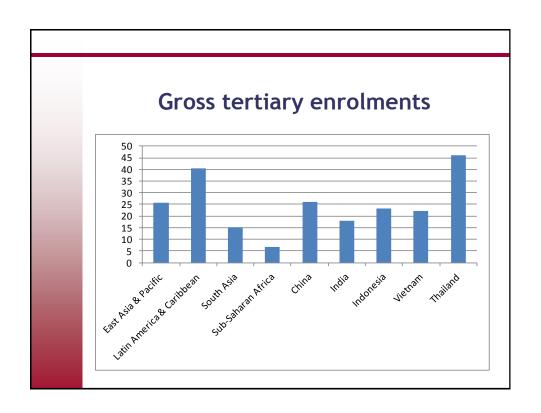


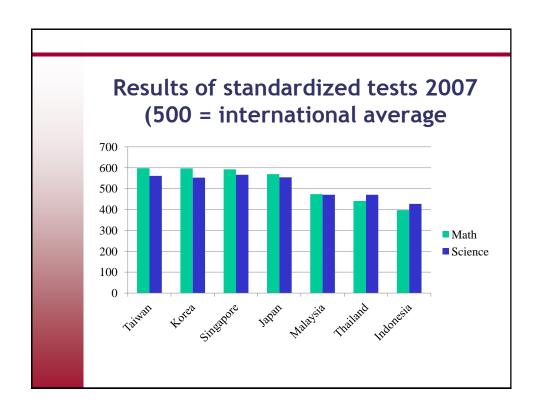












Times Higher Education Supplementop 400 global universities				
Japan	University of Tokyo	27		
Singapore	National Univesity of Singapore	29		
China	Beijing University	46		
Korea	Pohang University of Science and Technology	50		
Taiwan	National Taiwan University	134		
Thailand	King Mongut University of Technology	351+		
Malaysia	None			
Indonesia	None			
Vietnam	None			

