

Recap

- Globalization 1.0 (1800 to 1914)
 - Dynamic force was countries globalizing for resources and imperial conquest
- Globalization 2.0 (1945 to 1989)
 - Dynamic force was companies globalizing for markets and labor
- Globalization 3.0 (1989 to 2008)
 - Dynamic force is individuals and small groups globalizing
- Globalization 4.0 (2009 to)

Handwritten notes:
 WW Mercantilist.
 Berlin Wall
 USA vs USSR
 Free Trade Theories
 Financial Crisis
 WTO
 Diamond Model.
 Regionalism.
 Neo Mercant.

1

Recap

- Understand theories of why and how countries trade
- Familiar with factors affecting countries' trade patterns
- Discern why the production factors of labor and capital move internationally
- Grasp the relationship between foreign trade and industry competitiveness
- Current World Trading System
 - How has the current world trading system emerged?
 - Regional economic integration – Europe, America, Asia

Handwritten notes:
 Factor Proportions Theory.
 Diamond Model.

2

Recap

- Why do Certain Patterns of Trade Exist?**
- Some patterns of trade are fairly easy to explain
 - It is obvious why Saudi Arabia exports oil, Ghana exports cocoa, and Brazil exports coffee
- But, why does Switzerland export chemicals, pharmaceuticals, watches, and jewelry? *Financial Services.*
- Why does Japan export automobiles, consumer electronics, and machine tools? *Diamond.*

3

Agenda

Foreign Investment Environment

- Government Intervention
- Foreign Direct Investment
- The Foreign Exchange Market
- The International Monetary System
- The Global Capital Market

Handwritten notes:
 Session 1 (next to items 1-2)
 Session 2 (next to items 3-5)

4

Why is Free Trade Beneficial?

- **Free trade** - a situation where a government does not attempt to influence through quotas or duties what its citizens can buy from another country or what they can produce and sell to another country
- Trade theory shows why it is **beneficial** for a country to engage in international trade even for products it is able to produce for itself

5

5

Why is Free Trade Beneficial?

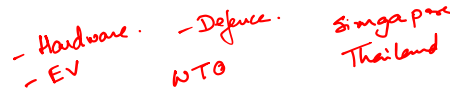


- International trade allows a country
 - to specialize in the manufacture and export of products and services that it can produce efficiently
 - to import products and services that can be produced more efficiently in other countries
- Limits on imports may be beneficial to producers, but not beneficial for consumers

6

6

What Role does Government have in Trade?



- The **mercantilist** philosophy makes a crude case for government involvement in promoting exports and limiting imports
- Smith, Ricardo, and Heckscher-Ohlin promote unrestricted **free trade**
- **New trade theory** and Porter's theory of national competitive advantage justify limited and selective government intervention to support the development of certain export-oriented industries

7

7


Government Intervention

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8

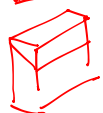
How do Governments Intervene in Markets?

*Resource
Cuse.*



- Governments use various methods to intervene in markets including
- 1. Tariffs** - taxes levied on imports that effectively raise the cost of imported products relative to domestic products
 - Specific tariffs** - levied as a fixed charge for each unit of a good imported
 - Ad valorem tariffs** - levied as a proportion of the value of the imported good
- Pros & Cons of Tariffs
 - increase government revenues
 - force consumers to pay more for certain imports
 - are pro-producer and anti-consumer
 - reduce the overall efficiency of the world economy

tax % based quantity
tax % value
Price ↑



9

How do Governments Intervene in Markets?

- 2. Subsidies** - government payments to domestic producers
 - Subsidies help domestic producers
 - compete against low-cost foreign imports
 - gain export markets
 - Consumers typically absorb the costs of subsidies

SEZ → free land → tax holiday.

Consumer → tax

10

How do Governments Intervene in Markets?

- 3. Import Quotas** - restrict the quantity of some good that may be imported into a country
 - Tariff rate quotas** - a hybrid of a quota and a tariff where a lower tariff is applied to imports within the quota than to those over the quota
 - Quota rent** - the extra profit that producers make when supply is artificially limited by an import quota

1 lakh → 15% + 15% + 30%
> 1 lakh → 20% + 10%
> 5 lakh → 30% → 0%

franchise

30%

Aptomix 1 lakh 15%
XYE 1 lakh 15%
ABC 1 lakh 15%

11

How do Governments Intervene in Markets?

- 4. Voluntary Export Restraints (VER)** - quotas on trade imposed by the exporting country, typically at the request of the importing country's government
 - Import quotas and voluntary export restraints
 - benefit domestic producers
 - raise the prices of imported goods

US 1 million Japan Automobiles

12

How do Governments Intervene in Markets?

- Defence.*
5. **Local Content Requirements** - demand that some specific fraction of a good be produced domestically
- benefit domestic producers
 - consumers face higher prices
- L&T
HSL
Cochin*

13

13

How do Governments Intervene in Markets?

5. **Administrative Policies** - bureaucratic rules designed to make it difficult for imports to enter a country
- **Investment restrictions**: restrict foreign firms to invest in some industry sector
 - **Currency control**: restrictions on the outflow of hard currency from a country
- Card Covid. Galwan.
Imports.*

14

14

How do Governments Intervene in Markets?

- Steel.*
7. **Antidumping Policies**—also called **countervailing duties**—punish foreign firms that engage in dumping and protect domestic producers from “unfair” foreign competition
- **dumping** - selling goods in a foreign market below their costs of production, or selling goods in a foreign market below their “fair” market value
 - enables firms to unload excess production in foreign markets
 - may be predatory behavior - producers use profits from their home markets to subsidize prices in a foreign market to drive competitors out of that market, and then later raise prices

15

15

Why do Governments Intervene in Markets?

- There are two main arguments for government intervention in the market
1. **Political arguments** - concerned with protecting the interests of certain groups within a nation (normally producers), often at the expense of other groups (normally consumers)
 2. **Economic arguments** - concerned with boosting the overall wealth of a nation - benefits both producers and consumers

16

16

What are the Political Arguments for Government Intervention?

1. **Protecting jobs** - the most common political reason for trade restrictions
 - results from political pressures by unions or industries that are "threatened" by more efficient foreign producers and have more political clout than consumers
2. **Protecting industries deemed important for national security** - industries are often protected because they are deemed important for national security
 - aerospace or semiconductors

17

17

What are the Political Arguments for Government Intervention?

3. **Retaliation for unfair foreign competition** - when governments take, or threaten to take, specific actions, other countries may remove trade barriers
 - if threatened governments do not back down, tensions can escalate, and new trade barriers may be enacted
 - risky strategy
4. **Protecting consumers from "dangerous" products** - limit "unsafe" products

18

18

What are the Political Arguments for Government Intervention?

5. **Furthering the goals of foreign policy** - preferential trade terms can be granted to countries that a government wants to build strong relations with
 - trade policy can also be used to punish rogue states
6. **Protecting the human rights of individuals in exporting countries** - through trade policy actions
7. **Protecting the environment** - international trade is associated with a decline in environmental quality
 - concern over global warming
 - enforcement of environmental regulations

19

19

What are the Economic Arguments for Government Intervention?

- hardware*
1. **The infant industry argument** - an industry should be protected until it can develop and be viable and competitive internationally
 - accepted as a justification for temporary trade restrictions under the WTO
 - **Question:** When is an industry "grown up"?
 - Critics argue that if a country has the potential to develop a viable competitive position, its firms should be capable of raising necessary funds without additional support from the government

20

20

What are the Economic Arguments for Government Intervention?

2. **Strategic trade policy** – first-mover advantages can be important to success
- governments can help firms from their countries attain these advantages
 - governments can help firms overcome barriers to entry into industries where foreign firms have an initial advantage



21

21

Is Unrestricted Free Trade Always Beneficial?

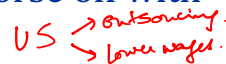
- Unrestricted free trade is beneficial, but the gains may not be as great as the simple model of comparative advantage would suggest
 - immobile resources
 - diminishing returns
 - dynamic effects and economic growth
 - the Samuelson critique
- But, opening a country to trade could increase
 - a country's stock of resources as increased supplies become available from abroad
 - the efficiency of resource utilization and so free up resources for other uses
 - economic growth

22

22

Could a Rich Country be Worse off with Free Trade?

- Paul Samuelson** - the dynamic gains from trade may not always be beneficial
 - Free trade may ultimately result in lower wages in the rich country
- The ability to offshore services jobs that were traditionally not internationally mobile may have the effect of a mass **inward migration** into the United States, where wages would then fall
 - But protectionist measures could create a more harmful situation than free trade



23

23

When Should Governments Avoid Using Trade Barriers?

- Paul Krugman** argues that strategic trade policies aimed at establishing domestic firms in a dominant position in a global industry are beggar-thy-neighbor policies that **boost national income at the expense of other countries**
 - countries that attempt to use such policies will probably provoke retaliation
- Krugman argues that since **special interest groups** can influence governments, strategic trade policy is almost certain to be captured by such groups who will distort it to their own ends

China.

24

24

Foreign Direct Investment

25

25

What is FDI?

MNC

- **Foreign direct investment** (FDI) occurs when a firm invests directly in new facilities to produce and/or market in a foreign country
 - the firm becomes a **multinational enterprise**
- FDI can be in the form of
 - **greenfield investments** - the establishment of a wholly new operation in a foreign country
 - acquisitions or mergers with existing firms in the foreign country

M+A

26

26

What is FDI?

inflow ← stock
outflow →

- The **flow of FDI** - the amount of FDI undertaken over a given time period
 - **Outflows of FDI** are the flows of FDI out of a country
 - **Inflows of FDI** are the flows of FDI into a country
- The **stock of FDI** - the total accumulated value of foreign-owned assets at a given time
- Both the flow and stock of FDI have increased over the last 35 years
 - Most FDI is still targeted towards developed nations

27

27

What are the Patterns of FDI?

- The growth of FDI is a result of
 1. a fear of protectionism
 - want to circumvent trade barriers
 2. political and economic changes
 - deregulation, privatization, fewer restrictions on FDI
 3. new bilateral investment treaties
 - designed to facilitate investment
 4. the globalization of the world economy
 - many companies now view the world as their market
 - need to be closer to their customers

LPG.

India Greece EU

28

28

What are the Patterns of FDI?

- **Gross fixed capital formation** - the total amount of capital invested in factories, stores, office buildings, and the like
 - the greater the capital investment in an economy, the more favorable its future prospects are likely to be
- So, FDI is an important source of capital investment and a determinant of the future growth rate of an economy
 - Since World War II, the U.S. has been the largest source country for FDI
 - *EU* the United Kingdom, the Netherlands, France, Germany, and Japan are other important source countries
 - together, these countries account for 60% of all FDI outflows from 1998-2011

29

What are the Theoretical Approaches to FDI?

- The *Left.* **radical view** - the multinational enterprise (MNE) is an instrument of imperialist domination and a tool for exploiting host countries to the exclusive benefit of their capitalist-imperialist home countries
 - in retreat almost everywhere
- The *Capitalist* **free market view** - international production should be distributed among countries according to the theory of comparative advantage
 - embraced by advanced and developing nations including the United States and Britain, but no country has adopted it in its purest form

30

What are the Theoretical Approaches to FDI?

- *India* **Pragmatic nationalism** - FDI has both benefits (inflows of capital, technology, skills, and jobs) and costs (repatriation of profits to the home country and a negative balance of payments effect)
 - FDI should be allowed only if the benefits outweigh the costs

31

How does FDI Benefit the Host Country?

- There are four main benefits of inward FDI for a host country
 1. **Resource transfer effects** - FDI brings capital, technology, and management resources
 2. **Employment effects** - FDI can bring jobs
 3. **Balance of payments effects** - FDI can help a country to achieve a current account surplus
 4. **Effects on competition and economic growth** - greenfield investments increase the level of competition in a market, driving down prices and improving the welfare of consumers
 - can lead to increased productivity growth, product and process innovation, and greater economic growth

32

What are the Costs of FDI to the Host Country?

- Inward FDI has three main costs:
 1. Adverse effects of FDI on **competition** within the host nation
 - subsidiaries of foreign MNEs may have greater economic power than indigenous competitors because they may be part of a larger international organization
 2. Adverse effects on the **balance of payments**
 - when a foreign subsidiary imports a substantial number of its inputs from abroad, there is a debit on the current account of the host country's balance of payments
 3. Perceived loss of national sovereignty and **autonomy**
 - decisions that affect the host country will be made by a foreign parent that has no real commitment to the host country, and over which the host country's government has no real control

33

33

How does FDI Benefit the Home Country?

TCS → US

- The benefits of FDI for the home country include
 1. The effect on the capital account of the home country's **balance of payments** from the inward flow of foreign earnings
 2. The **employment** effects that arise from outward FDI
 3. The gains from learning valuable **skills** from foreign markets that can subsequently be transferred back to the home country

34

34

What are the Costs of FDI to the Home Country?

1. The home-country's balance of payments can suffer
 - from the initial capital outflow required to finance the FDI
 - if the purpose of the FDI is to serve the home market from a low-cost labor location
 - if the FDI is a substitute for direct exports
2. Employment may also be negatively affected
 - if the FDI is a substitute for domestic production
3. International trade theory suggests that home-country concerns about the negative economic effects of **offshore production** (FDI undertaken to serve the home market) may not be valid
 - may stimulate economic growth and employment in the home country by freeing resources to specialize in activities where the home country has a comparative advantage

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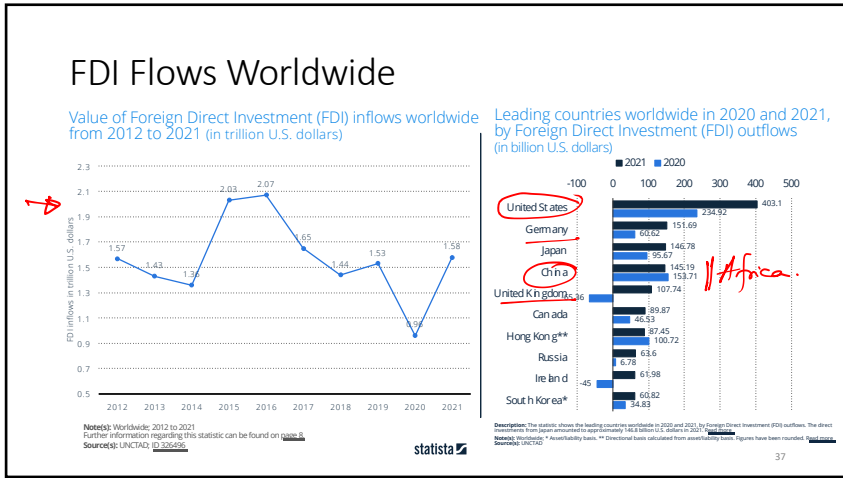
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How does Government Influence FDI?

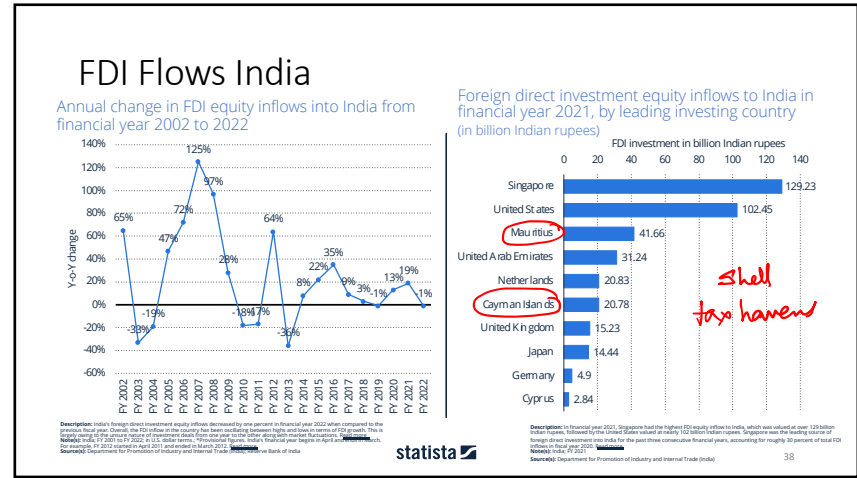
- Governments can encourage outward FDI
 - government-backed insurance programs to cover major types of foreign investment risk
 - offer incentives to foreign firms to invest in their countries
 - gain from the resource-transfer and employment effects of FDI, and capture FDI away from other potential host countries
- Governments can restrict outward FDI
 - limit capital outflows, manipulate tax rules, or outright prohibit FDI
 - use ownership restraints and performance requirements

36

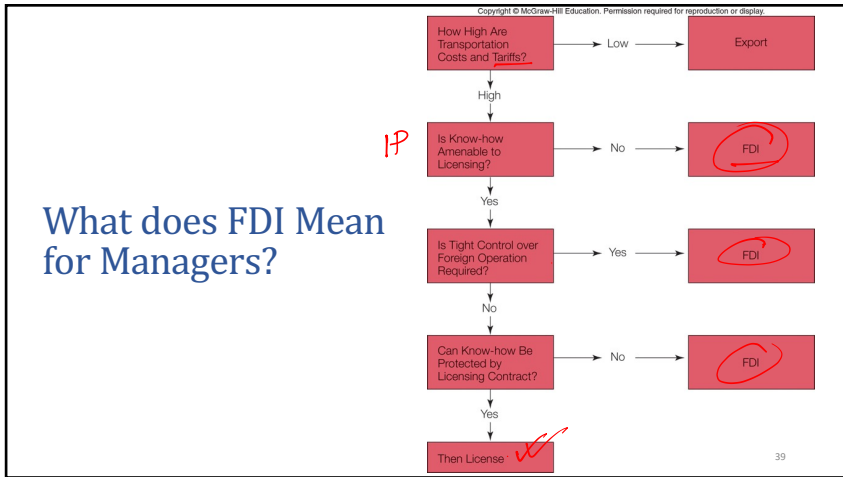
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37



38



39

The Foreign Exchange Market

40

Why Is The Foreign Exchange Market Important?

- The **foreign exchange market**
 1. is used to convert the currency of one country into the currency of another
 2. provides some insurance against **foreign exchange risk** - the adverse consequences of unpredictable changes in exchange rates

1\$ ⇄ £ 82.3 Demand Supply
- The **exchange rate** is the rate at which one currency is converted into another
 - events in the foreign exchange market affect firm sales, profits, and strategy

41

41

Pros & Cons of FX Market

NY London Zurich

ADVANTAGES

- There are **fewer rules** than in other markets. Investors aren't held to strict standards or regulations.
- There are **no clearing houses** and no central bodies that oversee the forex market.
- Most investors **won't have to pay the traditional fees or commissions** that they would on another market.
- Because the market is **open 24 hours** a day, you can trade at any time of day.
- You can **get in and out** whenever you want, and you can buy as much currency as you.

DISADVANTAGES

- The market being unregulated creates risks, as there is **no significant oversight** that can ensure risk-free transactions.
- **Leverage** can help magnify profits but can also lead to high losses.
- Unlike stocks that provide returns through dividends and bonds through interest payments, **FX transactions solely rely on appreciation**.
- **Lack of transparency** in the FX market can harm a trader as they do not have full control over how their trades are filled, may not get the best price, and may have a limited view of information, such as quotes.

42

42

When Do Firms Use The Foreign Exchange Market?

- International companies use the foreign exchange market when
 - the payments they receive for exports, the income they receive from foreign investments, or the income they receive from licensing agreements with foreign firms are in foreign currencies
 - they must pay a foreign company for its products or services in its country's currency
 - they have spare cash that they wish to invest for short terms in money markets
 - they are involved in **currency speculation** - the short-term movement of funds from one currency to another in the hopes of profiting from shifts in exchange rates

43

43

How Can Firms Hedge Against Foreign Exchange Risk?

- The foreign exchange market provides insurance to protect against **foreign exchange risk**
 - the possibility that unpredicted changes in future exchange rates will have adverse consequences for the firm
- A firm that insures itself against foreign exchange risk is **hedging**

44

44

What Is The Difference Between Spot Rates And Forward Rates?

- The **spot exchange rate** is the rate at which a foreign exchange dealer converts one currency into another currency on a particular day
 - spot rates change continually depending on the supply and demand for that currency and other currencies
- Spot exchange rates can be quoted as the amount of foreign currency one U.S. dollar can buy, or as the value of a dollar for one unit of foreign currency

45

45

What Is The Difference Between Spot Rates And Forward Rates?

- To insure or hedge against a possible adverse foreign exchange rate movement, firms engage in **forward exchanges**
 - two parties agree to exchange currency and execute the deal at some specific date in the future
- A **forward exchange rate** is the rate used for these transactions
 - rates for currency exchange are typically quoted for 30, 90, or 180 days into the future

46

46

What Is A Currency Swap?

- A **currency swap** is the simultaneous purchase and sale of a given amount of foreign exchange for two different value dates
- Swaps are transacted
 - between international businesses and their banks
 - between banks
 - between governments when it is desirable to move out of one currency into another for a limited period without incurring foreign exchange rate risk

India ₹ Russia
IOCL ← →

47

47

Recap

Foreign Investment Environment

1. Government Intervention
 - Why and how governments interfere in free trade?
2. Current World Trading System
 - How has the current world trading system emerged?
 - Regional economic integration – Europe, America, Asia
3. Foreign Direct Investment
 - Patterns of FDI
 - Cost & benefits of FDI

48

48