

Osher Lifelong Learning Institute, Fall 2023 Contemporary Economic Policy

West Virginia University Fall, 2023

Jon Haveman, Ph.D.

National Economic Education Delegation



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Available NEED Topics Include:

- US Economy
- Healthcare Economics
- Climate Change
- Economic Inequality
- Economic Mobility
- Trade and Globalization
- Minimum Wages

- Immigration Economics
- Housing Policy
- Federal Budgets
- Federal Debt
- Black-White Wealth Gap
- Autonomous Vehicles
- US Social Policy



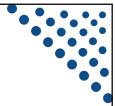
Course Outline

- Contemporary Economic Policy
 - Week 1 (10/6): Economic Update (Geoffrey Woglom, Amherst College)
 - Week 2 (10/13): Trade and Globalization (Avik Chakrabarti, U of Wisconsin Milwaukee)
 - Week 3 (10/27): Economics of Immigration (Robert Gitter, Ohio Wesleyan)
 - Week 4 (11/3): Monetary Policy (Geoffrey Woglom ,Amherst College)
 - Week 5 (11/10): Federal Debt (Joseph Carolan, Oakland University)
 - Week 6 (11/17): International Institutions (Alan Deardorff University of Michigan)



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Submitting Questions



- A verbal Q&A session will follow this presentation.
- Slides will be available from the NEED website (https://needelegation.org/delivered presentations.php)



Credits and Disclaimer



- Avik Chakrabarti, University of Wisconsin-Milwaukee (UWM)
- Peter Eppinger, University of Tübingen
- James Lake, Southern Methodist University
- Michael Plouffe, University College London
- Swati Verma, ISID, New Delhi

• This slide deck was reviewed by:

- Alan Deardorff, University of Michigan
- Ed Leamer, UCLA

Disclaimer

- NEED presentations are designed to be nonpartisan.
- It is, however, inevitable that the presenter will be asked for and will provide their own views.
- Such views are those of the presenter and not necessarily those of the National Economic Education Delegation (NEED).



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Trade and Globalization

OLLI – West Virginia University October 13, 2023



Avik Chakrabarti, Ph.D., University of Michigan, Ann Arbor Associate Professor of Economics, University of Wisconsin-Milwaukee (UWM) Affiliated Faculty, Northwestern Mutual Data Science Institute (NMDSI), UWM



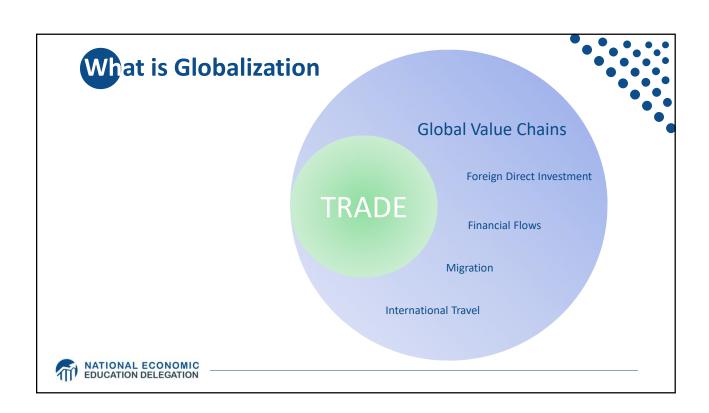
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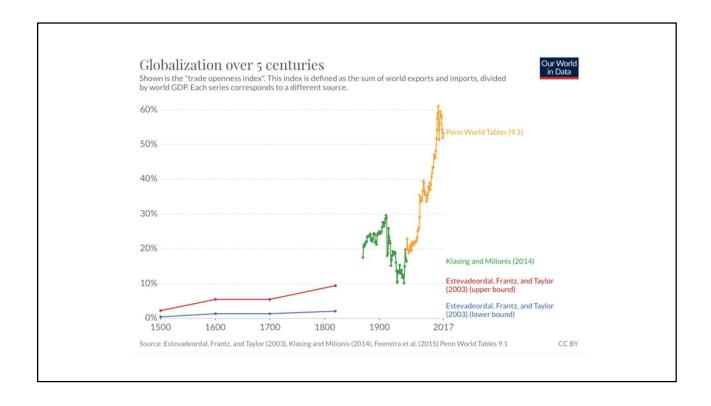


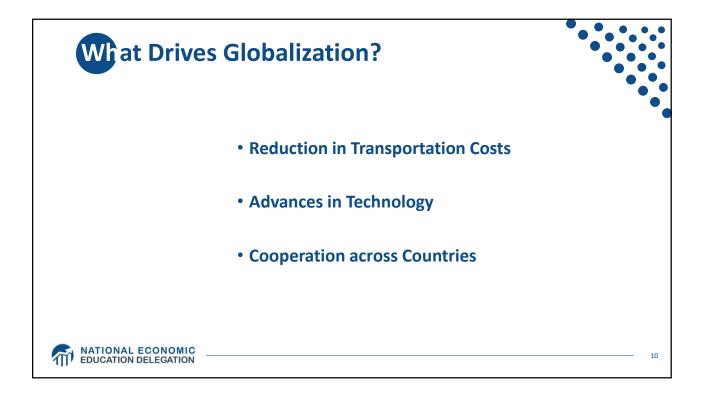
- The growing integration of the world's:
 - Economies
 - Cultures
 - Populations

- Brought about by cross-border flows of:
 - Goods and services
 - Technology
 - Investment
 - People
 - Information







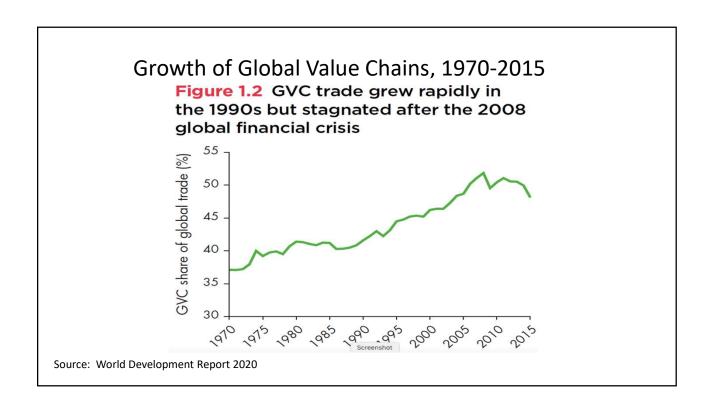


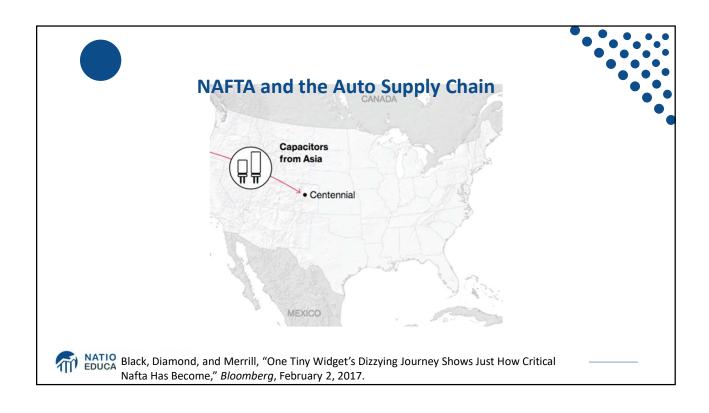


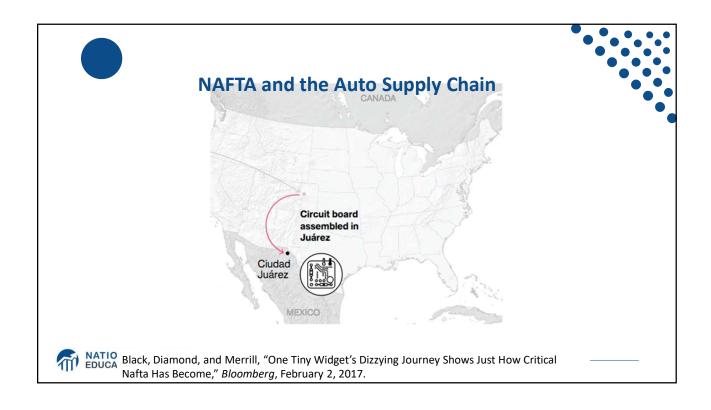


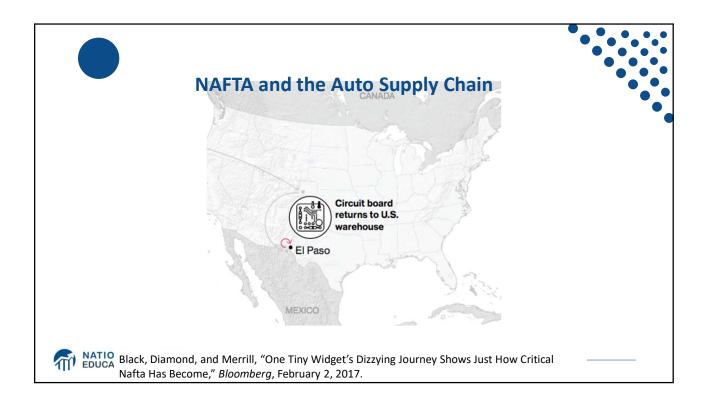
Global Value Chains (GVCs)

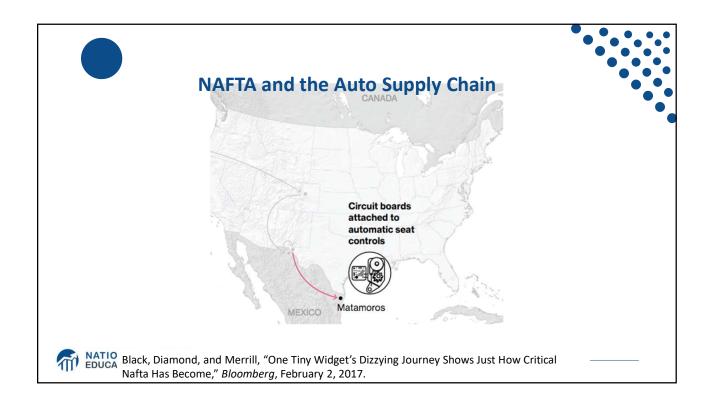


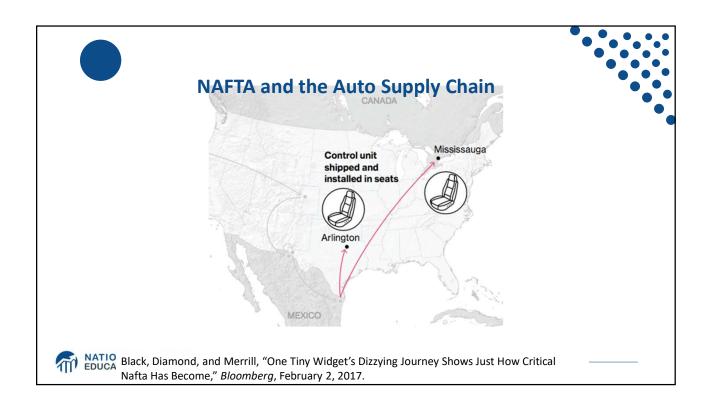


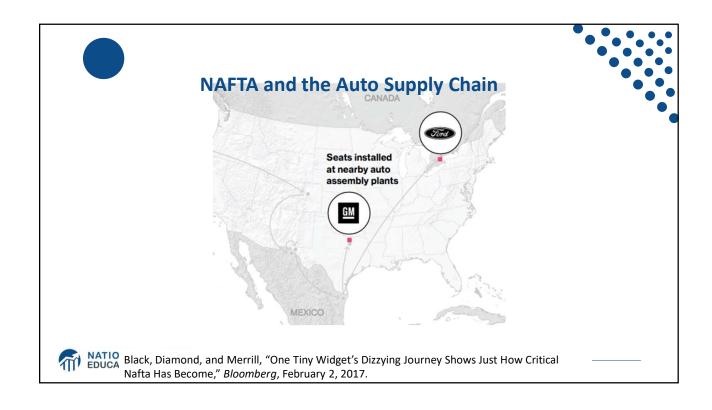


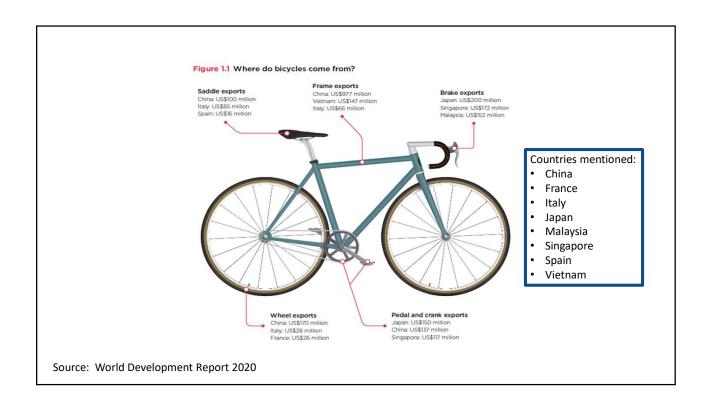


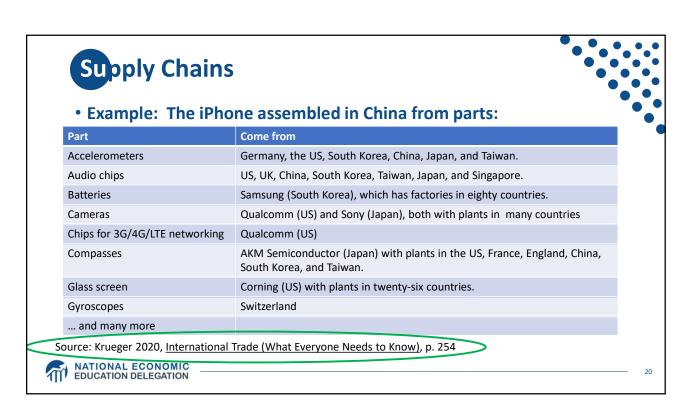


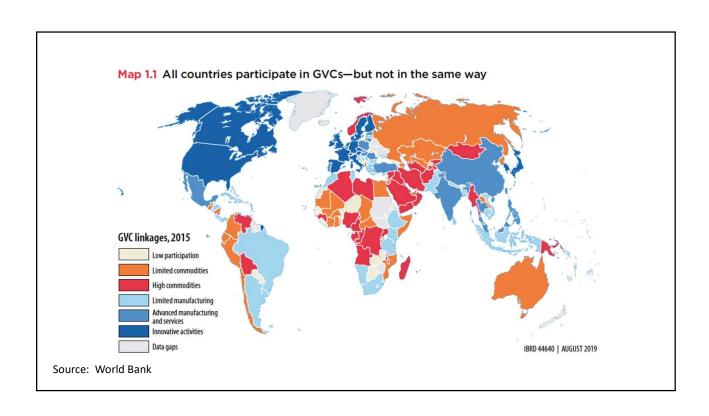




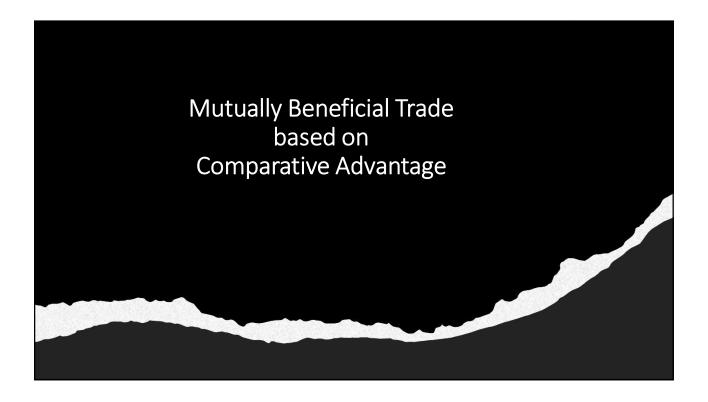












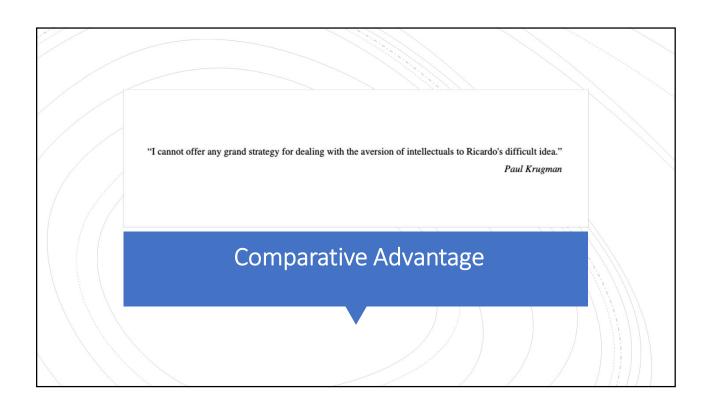
Comparative Advantage

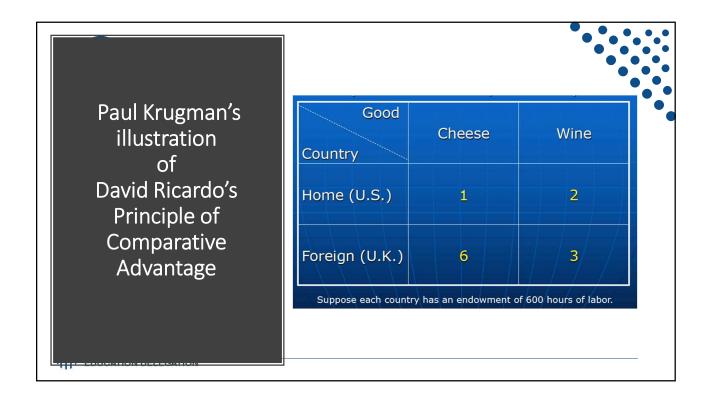


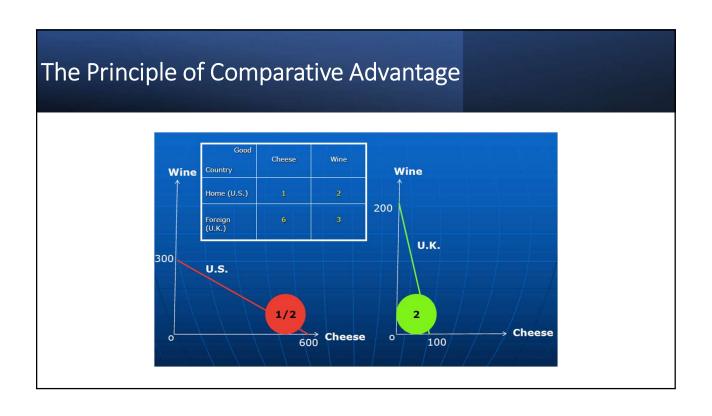
• The Principle of Comparative Advantage says:

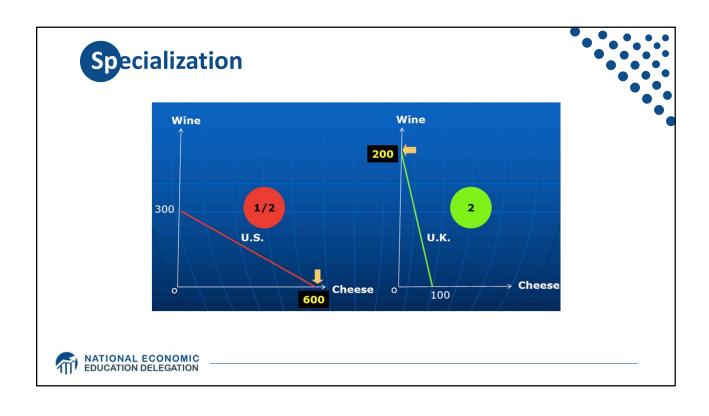
- Countries can gain by
 - Producing
 - More than they need of what they do relatively best, and
 - Less than they need of what they do relatively worst
 - o Exporting any excess to other countries in exchange for what they need
- All countries can
 - o Get more of everything, if that's what they want, and therefore
 - o Gain from trade

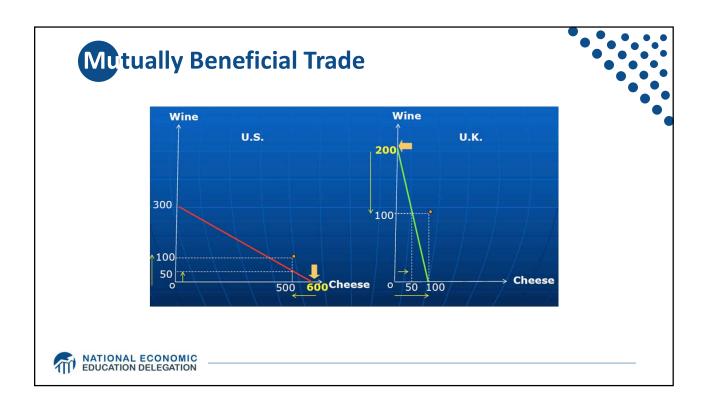
















Without a mechanism for redistribution ...

- Nothing in the theory says that <u>everyone in</u> each country gains
- Opening to trade requires
 - o Some industries to shrink or disappear while others expand
 - o Firms and workers in shrinking industries
 - Certainly lose during the transition
 - May be permanently worse off



Gains from Trade Other sources of Gain from Trade



Other sources of Gain from Trade



- Returns to scale (small countries can support larger firms)
- **Increased competition** (monopolies in small countries lose market power)
- Variety (buyers, both consumers and firms, can have more choices)
- Efficiency (relatively productive firms expand and export)
- Supply chains (firms can source parts from cheapest or best sources)
- Learning (firms can have access to foreign technology)





Arkolakis, Costinot and Rodriguez-Clare "New Trade Models, Same Old Gains"

"Either the gains from trade are small for most countries or the workhorse models of trade fail to adequately capture those gains. This uncomfortable conclusion seems inevitable given recent results in quantitative trade theory."







But there are Costs



- When trade expands (or contracts)
 - o Some firms lose market share or shut down
 - o Other firms supplying inputs to those firms shrink or shut down
 - o Workers in both lose jobs
 - o And their **communities** lose customers
- Macroeconomic cost: Vulnerability to foreign recession/inflation
- Dependence on other countries' willingness to trade
- Vulnerability to trade disruption
 - o Crisis induced (earthquake, flood, disease, war)
 - o Policy induced (sanctions, tariffs, export bans)

Non-economic

- Loss of cultural differences
- Spread of invasive species and plant disease
- Spread of human disease









Trade Policies that Affect Globalization

- Policies that <u>En</u>courage It
 - Tariff Reductions
 - Trade Agreements
 - Other
- Policies that <u>Discourage It</u>
 - Tariffs
 - Trade War



Trade Policies Encouraging Globalization

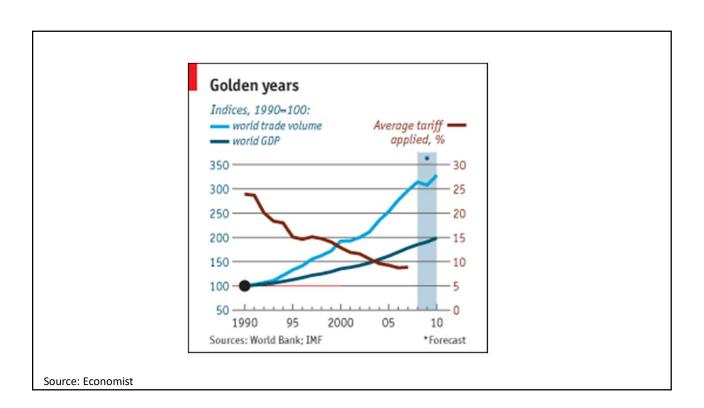


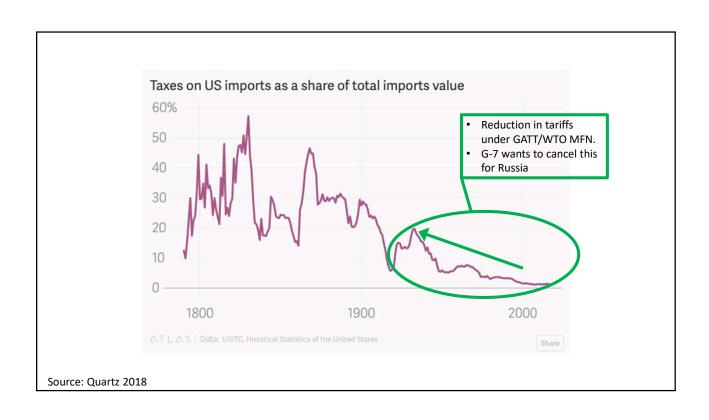




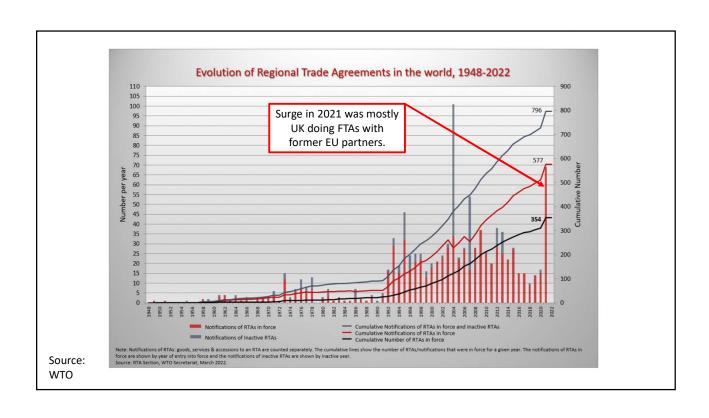
Tariff Reductions



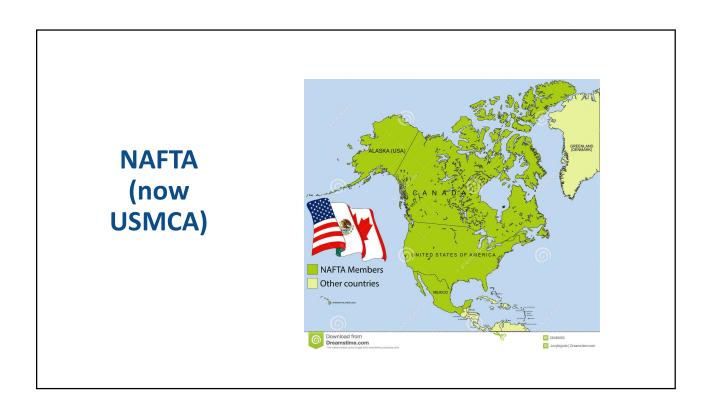




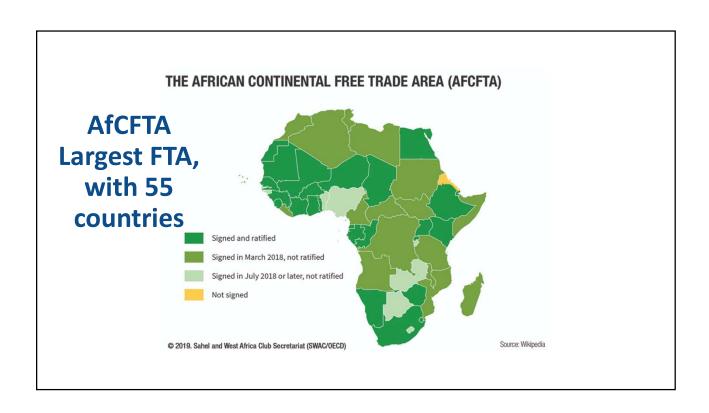














RCEP

Regional
Comprehensive
Economic
Partnership



Other Policies to **Encourage Globalization**



• IMF/World Bank

- Policy advice to open markets (the "Washington Consensus")
- Loans to countries conditional on
 - o Reducing trade barriers
 - o Permitting capital flows

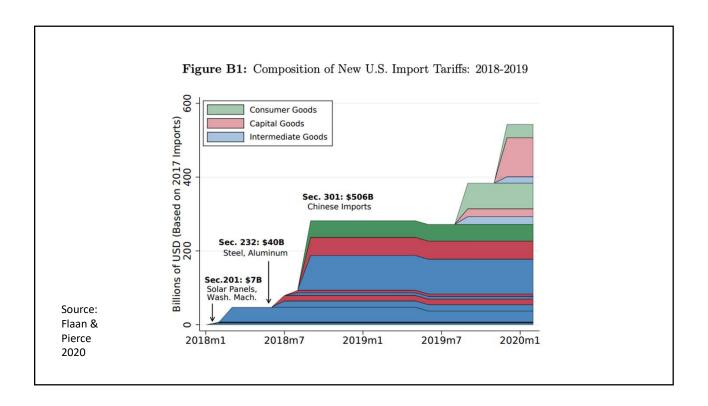
• GATT/WTO (World Trade Organization)

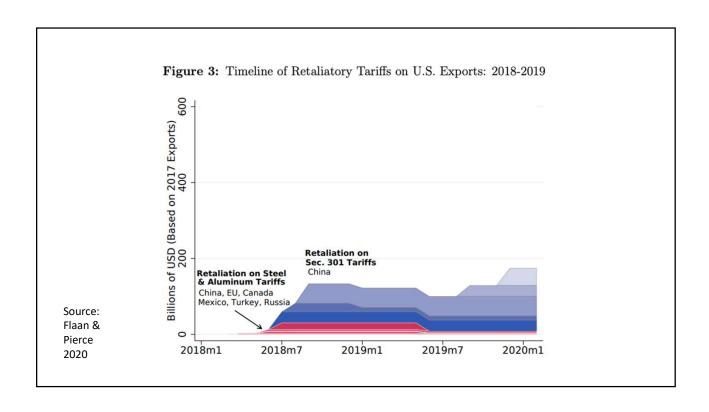
- Negotiate reciprocal trade liberalization
- Settlement of trade disputes (usually about interfering with trade)

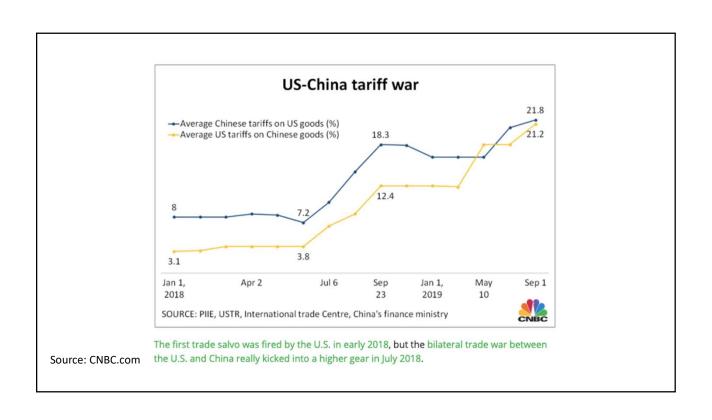


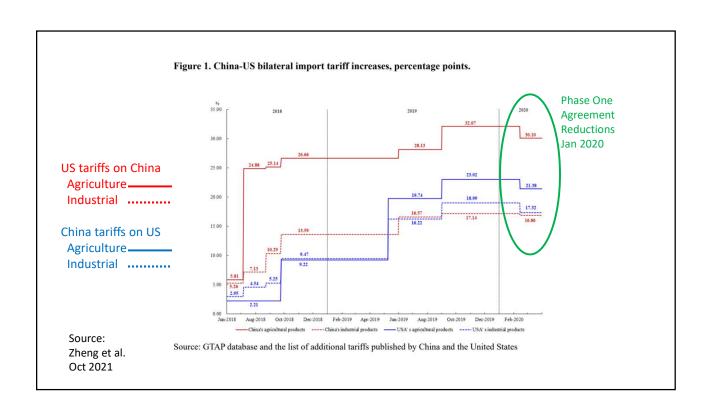


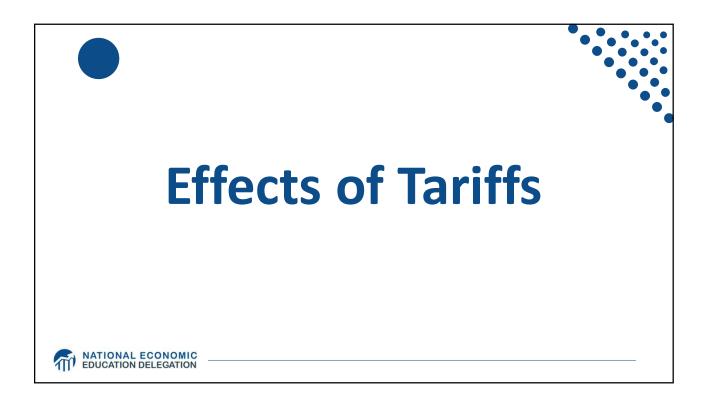












Effects of a tariff



A tariff is a tax on imports. It causes

- A rise in the price of the imported good in the importing country
- A fall in the price of the imported good in the exporting country
- The quantity imported to fall
- The revenue of the tariff-levying government to rise

Almost always: the <u>rise</u> at home is much larger than the <u>fall</u> abroad

- That's especially true if importing country is small
- But it's also true if importing country is as large as the U.S.
- Example: President Trump's tariffs caused US prices to rise, with hardly any perceptible fall in prices abroad.



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Effects of a tariff



- A rise in price of competing goods produced there
- Benefits to those producers
- Harm to buyers of both the import and the competing goods
 - o Including producers that use the higher-priced goods as inputs
 - Their prices also rise, hurting their buyers
- Employment changes:
 - o Increase in the protected industry
 - o Decrease in industries that use the protected product as inputs
- Example: President Trump's 25% tariff on steel
 - o Helped US steel firms and their workers
 - o Hurt US auto firms and workers
 - · and many other industries that use steel



Effects of a tariff

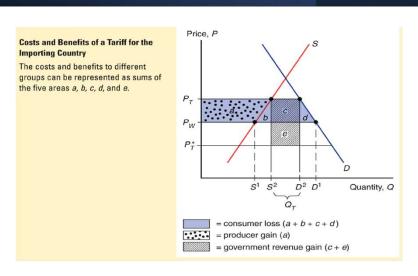


- The fall in price in the exporting country causes
 - Harm to sellers there
 - Benefit to buyers there
 - Shift of sales to other countries
- If the tariff is on exports from only one country (e.g, China)
 - Buyers shift to imports from other, more costly, countries (e.g., Vietnam)

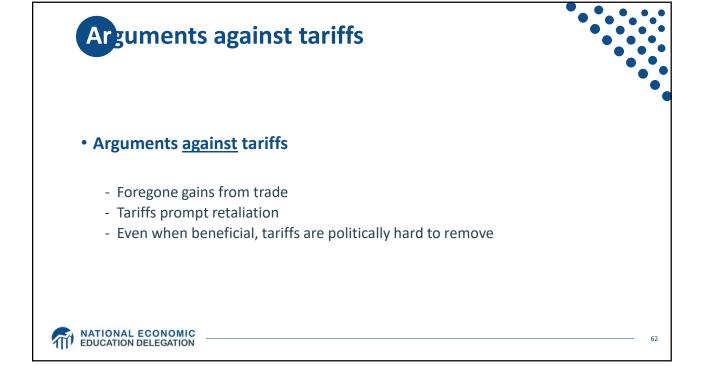


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Costs and Benefits of Tariffs: Paul Krugman's Illustration



Arguments for tariffs - Jobs - Government Revenue - National Security - Protect against cheap foreign labor - Fairness in trade - Protect domestic standard of living - Equalization of production costs - Political and social reasons - Infant-industry protection







Co-creation is a process of jointly creating mutually valuable experience(s).

Ref. Chakrabarti, A. and Ramaswamy, V.. Rethinking Ricardian'Sum of Enjoyments': Gains from Trade in a Co-Creational Economy. Ross School of Business Paper No. 1211.



Any Questions?



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