National Economic Education Delegation



Vision

- One day, the public discussion of policy issues will be grounded in an accurate perception of the underlying economic principles and data.

Mission

- NEED unites the skills and knowledge of a vast network of professional economists to promote understanding of the economics of policy issues in the United States.

NEED Presentations

- Are **nonpartisan** and intended to reflect the consensus of the economics profession.



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International Trade and the Pandemic



Alan V. Deardorff **University of Michigan**

For presentation to San Francisco Rotary March 2, 2021



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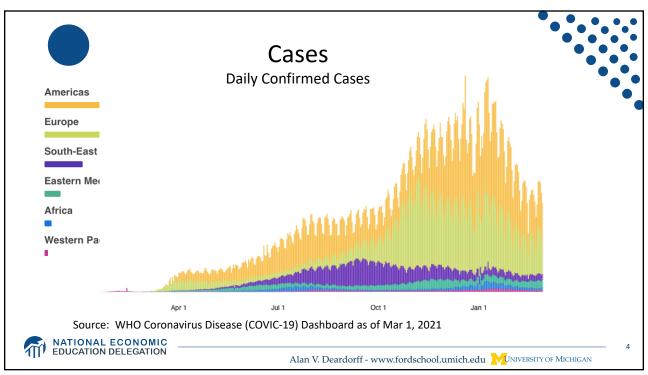
Cases

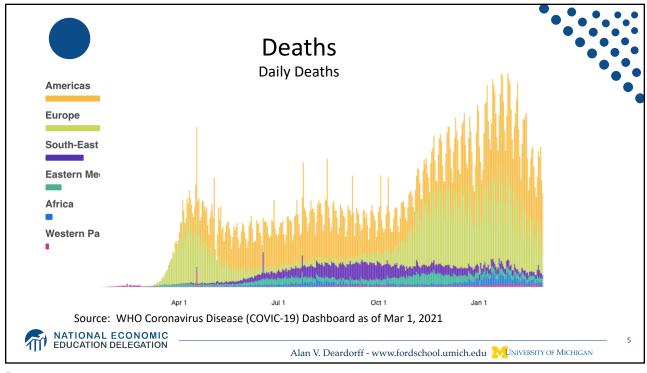
- Started in China
- Spread to the world in two (or three) waves, so far
- Hit the Americas and Europe especially hard
- Deaths surged early and then grew more slowly than cases as treatments improved



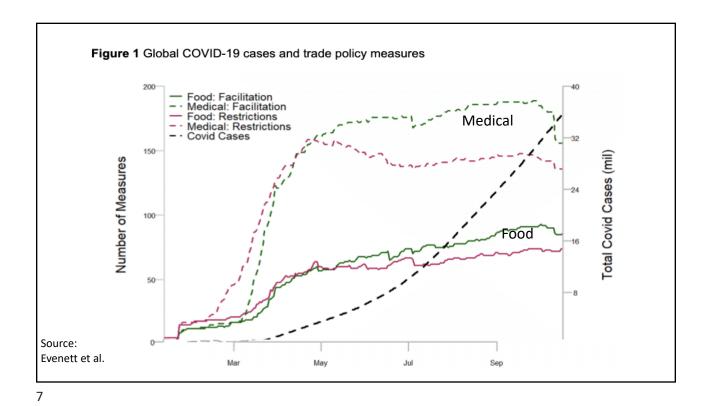
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International Trade and the Pandemic



Outline

- Pros and Cons of Trade
- Causes of the Pandemic
- Effects of the Pandemic
 - On Economies, Including Trade
 - On Trade Policies
- Role of Trade During the Pandemic



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Trade Pros and Cons



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Pros and Cons of Trade

Pros

- Reduces cost of living world-wide
- increased competition
 Economies of large-scale production
 Access to greater variety
 Increases production

- Change in trade (up or down) disrupts
 - Businesses
 - o Jobs
- Dependence on foreign supply and demand
- Vulnerable to others' policies, economies, diseases



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Trade is beneficial overall Trade restrictions (tariffs,

bans) are harmful







Causes of the Pandemic



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Causes of the Pandemic



- No. These arise from mutations, often in animals and then spread to humans

Does trade spread infections?

- Yes. Trade requires movement of people across borders, carrying infections
- The Black Death (bubonic plague)
 - o "is believed to have been spread by both land and sea, originating in China and following the trade routes to Europe and the Middle East."
- The 1918 Spanish Flu: but spread more by soldiers than by trade



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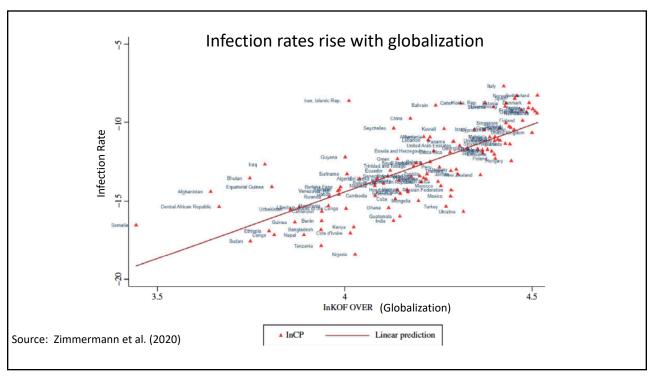
Studies Relate Globalization and Spread of Pandemic

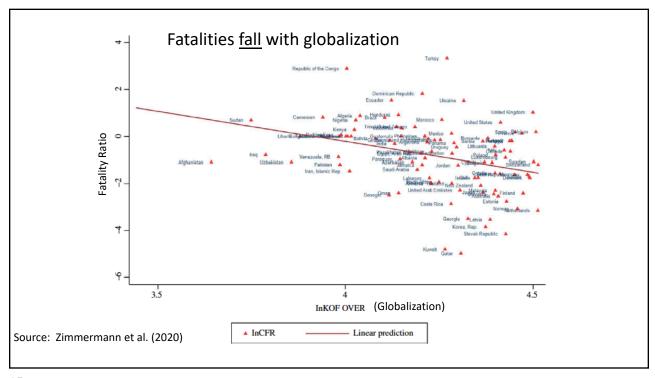
- Zimmermann et al. find, across countries:
 - o Infection rate rises with globalization
 - o Transmission speed rises with globalization
 - o Fatalities fall with globalization
 - (but probably because globalization is correlated with higher incomes and thus better treatment)
- Farzanegan et al. report similarly



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Effects on Economies



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- Effects of the Pandemic on Economies
 - Trade plummets
 - Travel halted
 - Shipping declines



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Effects on Economies



Trade



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Effects on Economies



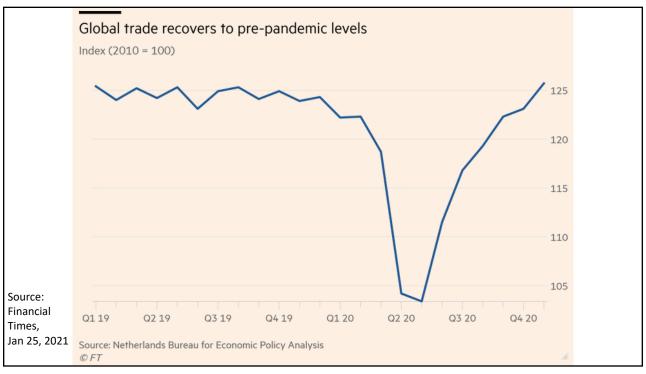
• Trade

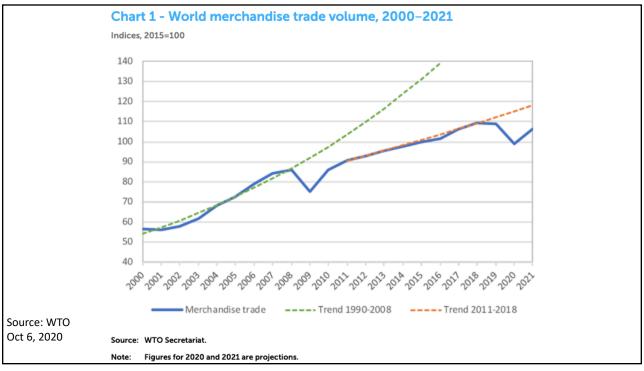
- Pandemic was expected to reduce world trade, and did
- US was typical; China, was not
- Trade with China was crucial for dealing with pandemic
- Trade in many products were affected
- Global trade has now recovered

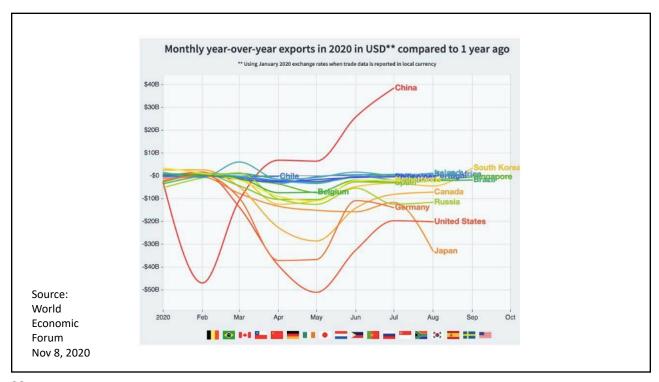


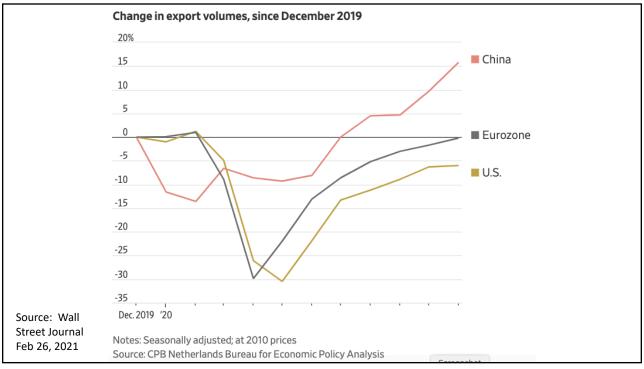
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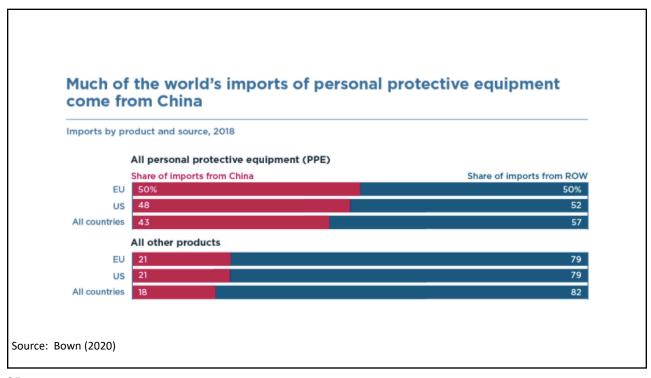














Effects on Economies



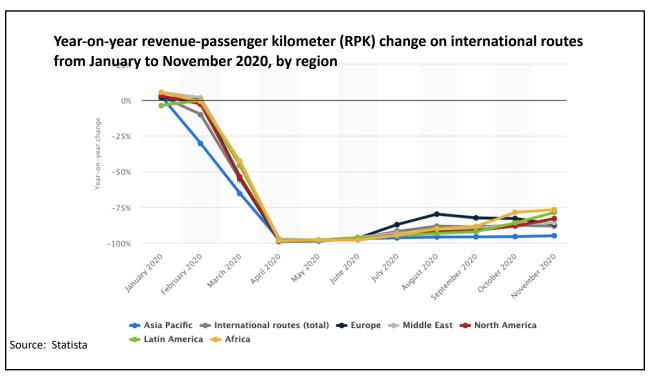
Travel

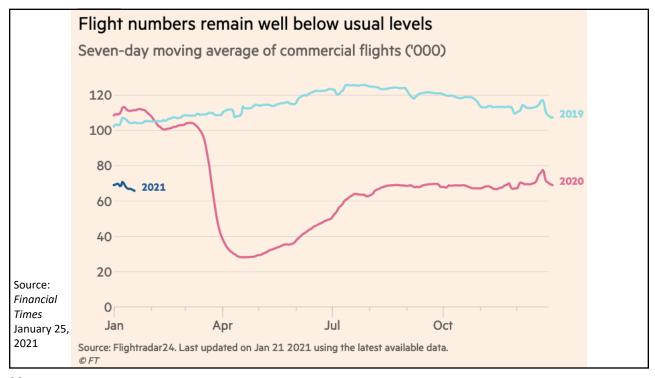
- Fell drastically and has only partially recovered
- Symptoms
 - o Passengers
 - o Airline stock prices
- Reasons:
 - o Travel restrictions and border closures
 - o Delays at border

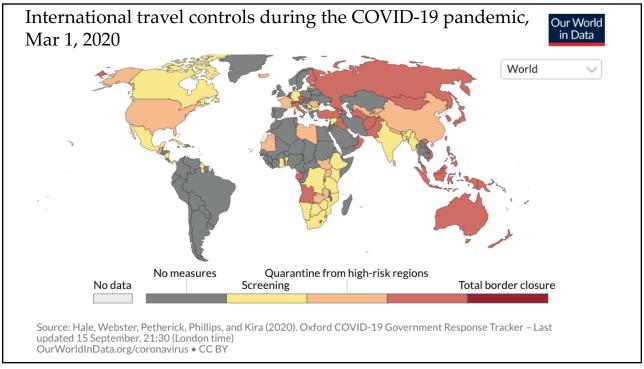


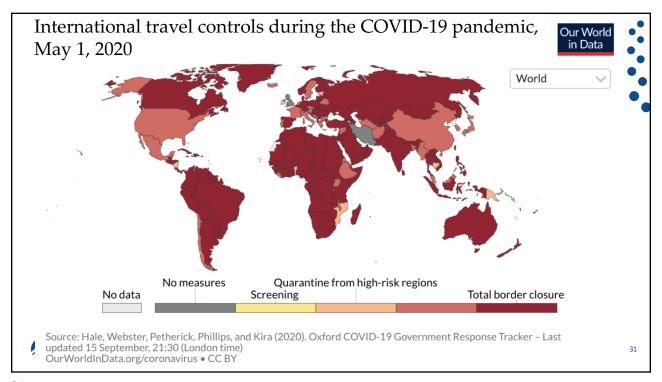
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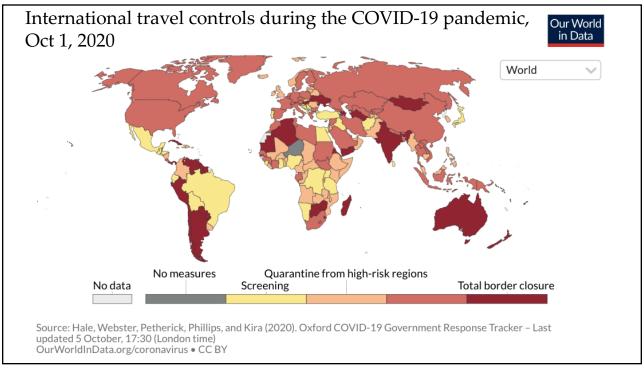
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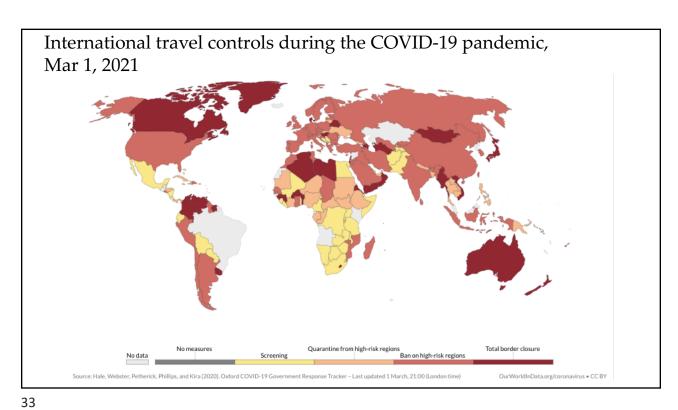














Effects on Economies



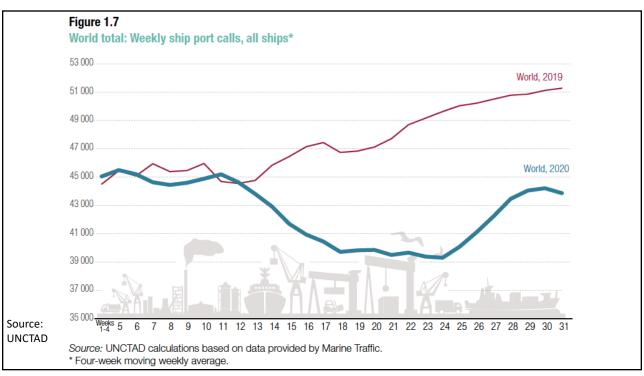
Shipping by Sea

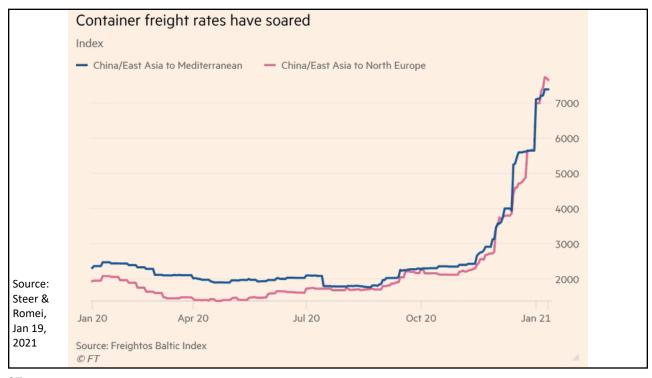
- Drop in trade reduced demand at first oThen increased demand for restocking
- Pandemic added restrictions
 - At ports
 - o For crews
- Shipping rates rose



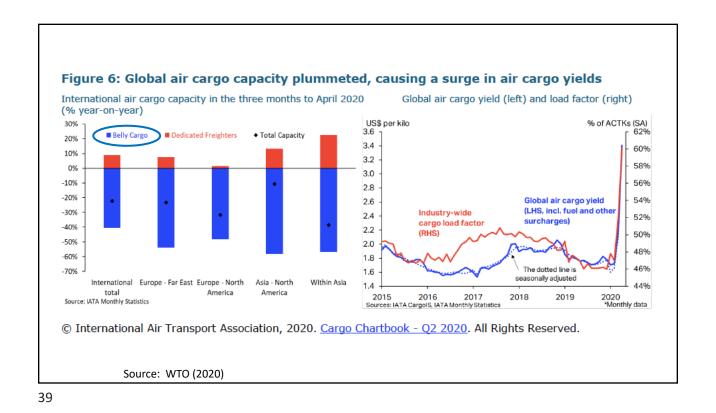
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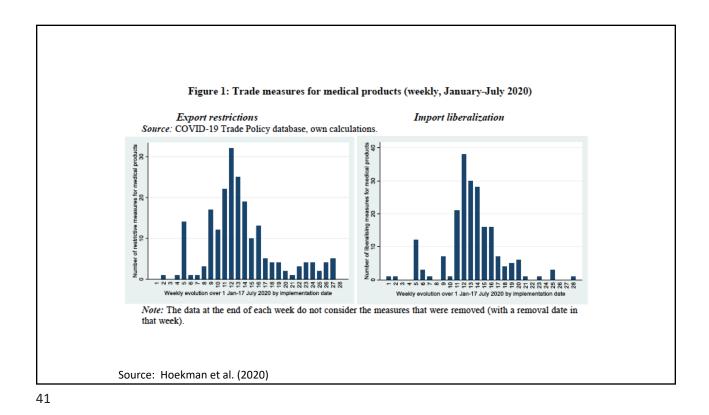




Effects on Trade Policies

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Effects on Trade Policies



- Effects of the Pandemic on Trade Policies
 - Export Policies
 - Import Policies



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Export Policies



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Effects on Export Policies

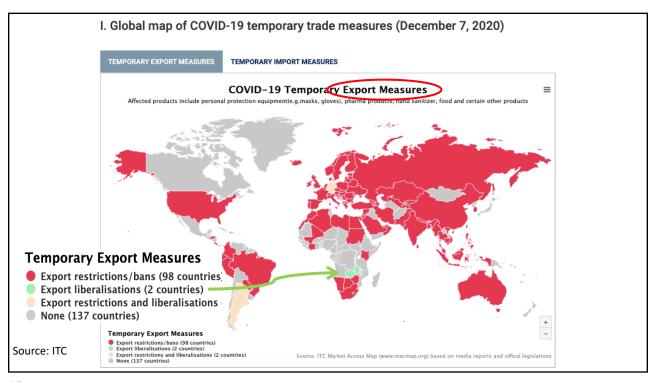
Export Policies

- There were export bans by many countries
 - Medical supplies
 - o Food
 - o Other
- Some were temporary, but many others were not
- Only a few countries had policies to encourage exports



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Effects on Import Policies



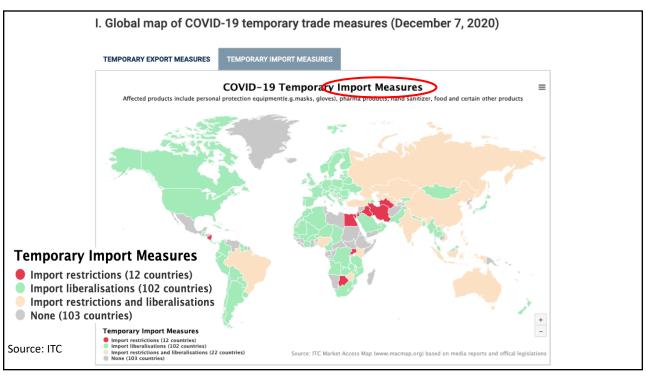
Effects of the Pandemic on Import Policies

- Import expansion
 - Tariff reductions
- Import contraction
 - Tariff increases
 - o Import bans
 - Government procurement



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Trade during the Pandemic



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Role of Trade During Pandemic





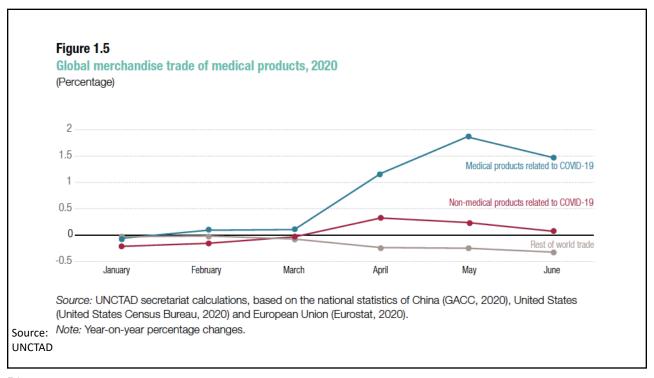
- Largest importer was US, both before and during
- Largest exporter, after a lag, was China
- Facemasks
 - o Textile facemasks grew most
 - As did China's imports of the textiles
 - In spite of high import tariffs

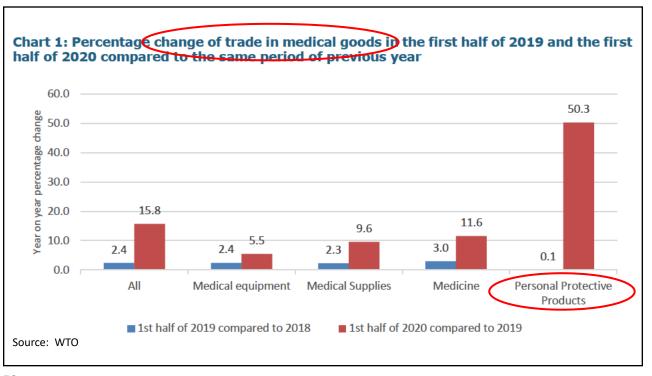


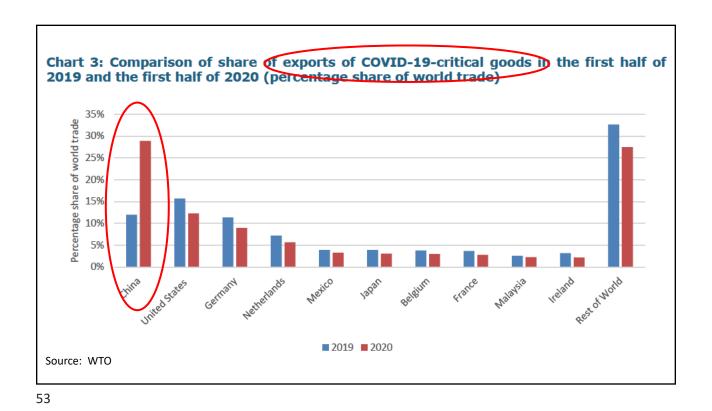
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Role of Trade During Pandemic

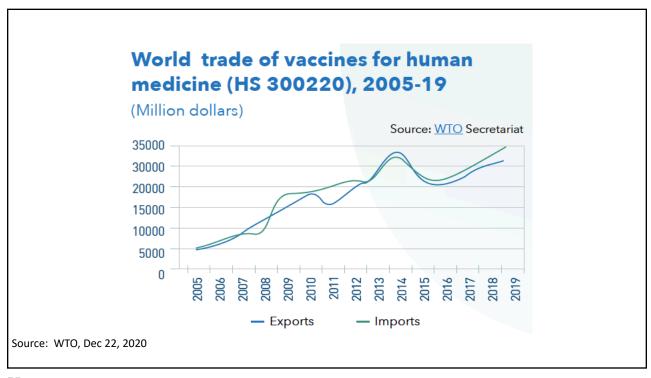


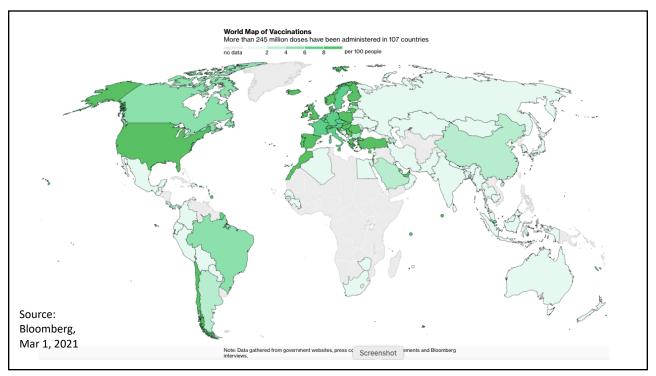
Vaccines

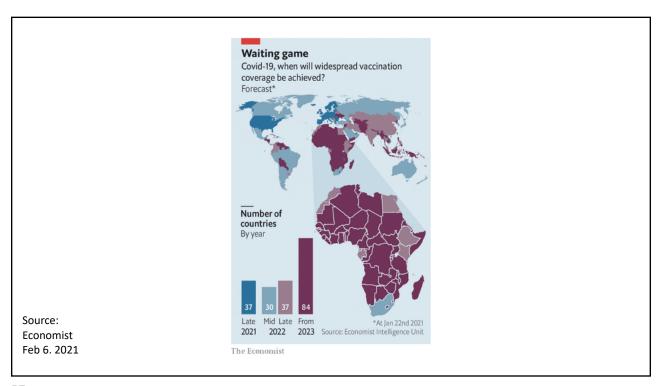
- Vaccine industry relies heavily on trade
- Concerns
 - o Distribution to the poorest countries
 - o Reluctance to be vaccinated
 - Vaccine nationalism

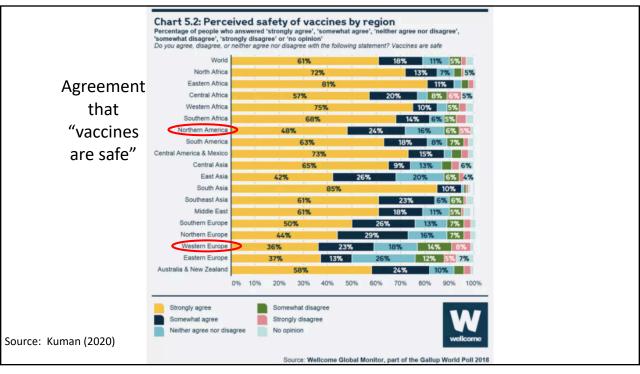


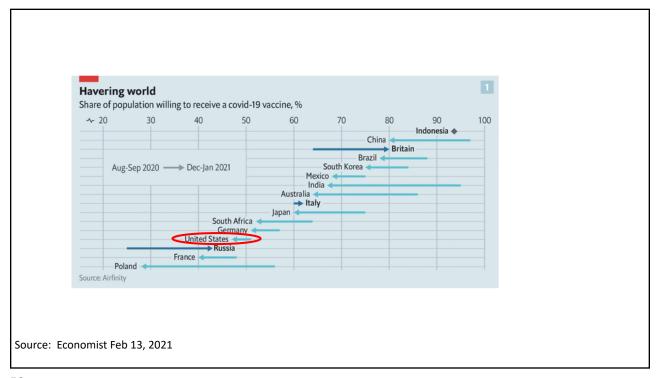
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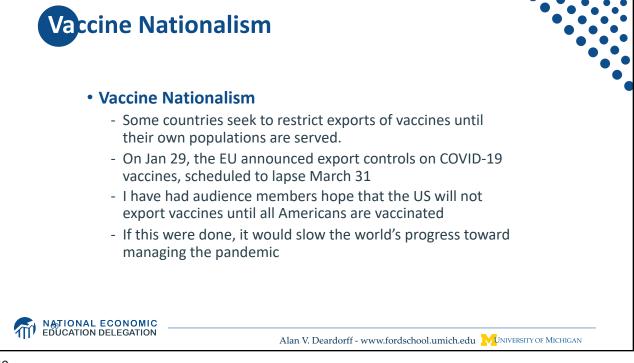
















- The Covid-19 Pandemic has had
 - Devastating effects on the global economy
 - Serious effects on global trade
 - Mostly adverse effects on international trade policies
- How much of this will be permanent remains to be seen



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Thank you! **Any Questions?**

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