

No trade? No vaccine.

Which countries do what
in vaccine production and distribution?





Top exporters of ingredients

Adjuvants (e.g. aluminium salts)

-  Mexico 11.4%
-  China 11.1%
-  Turkey 9.1%

Stabilisers (e.g. sorbitol)

-  France 36.4%
-  China 13.3%
-  Germany 12.5%



Preservatives (e.g. thimerosal)

-  Germany 17.2%
-  Argentina 13%
-  India 12%

Antibiotics (e.g. neomycin)

-  China 23.1%
-  Switzerland 17%
-  Italy 9.4%

Share in global exports (%), 2018

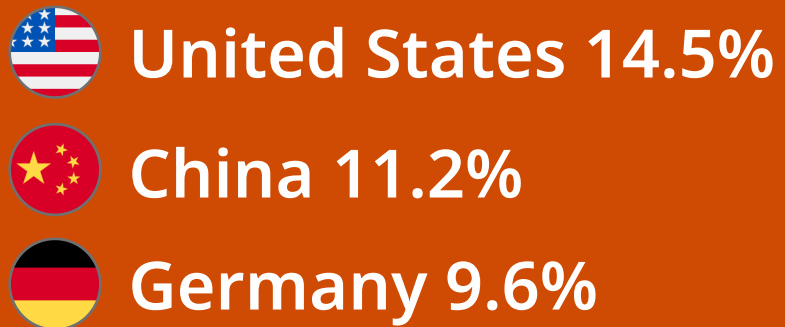
Source: Using trade to fight COVID-19: Manufacturing and distributing vaccines, Fig. 4, OECD 2021.



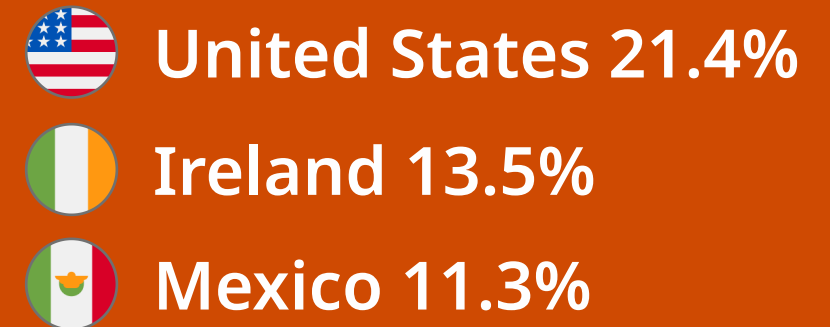


Top exporters of syringes and needles

Syringes



Needles



Share in global exports (%), 2018

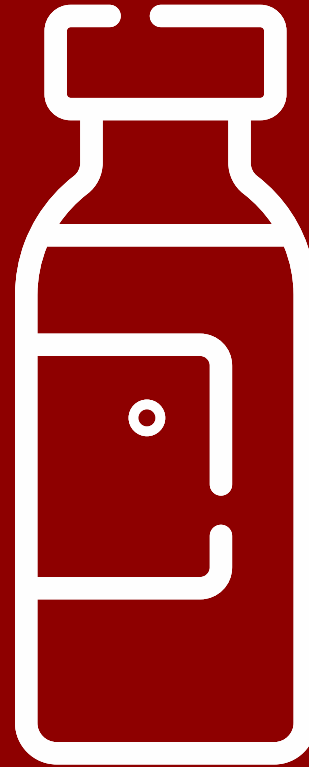
Source: Using trade to fight COVID-19: Manufacturing and distributing vaccines, Fig. 4, OECD 2021.





Top exporters of stoppers and vials

Stoppers



Vials



Share in global exports (%), 2018

Source: Using trade to fight COVID-19: Manufacturing and distributing vaccines, Fig. 4, OECD 2021.





Top exporters of cold chain components

Freezers

-  China 67%
-  Italy 3.5%
-  Romania 3.5%

Vaccine carriers

-  United States 17.7%
-  Germany 14.2%
-  Mexico 11.9%



Cold boxes

-  China 14.7%
-  Germany 12.6%
-  France 6.9%

Dry ice

-  Netherlands 15.4%
-  Israël 12%
-  United States 8.8%

Share in global exports (%), 2018

Source: Using trade to fight COVID-19: Manufacturing and distributing vaccines, Fig. 4, OECD 2021.





Top 3 exporters of items needed to make, distribute and administer vaccines



China

Freezers



Antibiotics



Vials



Cold boxes



Stabilisers



Syringes



Adjuvants



Stoppers



Germany

Preservatives



Stoppers



Vaccine carriers



Vials



Cold boxes



Syringes



United States

Needles



Vaccine carriers



Syringes



Dry ice



Share in global exports (%), 2018

Source: Using trade to fight COVID-19: Manufacturing and distributing vaccines, Fig. 4, OECD 2021.



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