

Great Freight Wait

Microchip shortages.
Epic port congestion.
A serious lack of truck drivers.

Global supply chain problems may get worse before they get better.

\$15.85B

Global supply chain market size value



Chipping away

As the global chip shortage drags on, car makers are forced to adjust production and rethink the entire supply chain.

\$210B

Lost revenue for auto industry in 2021 due to microchip shortage.

4 months

Average time to manufacture chips.

1,000+

Average number of semiconductors in a modern car.



All the ships at sea

90%

Of global goods are transported by sea.

\$150B

Expected pre-tax profit for container shipping in 2021, up from **\$25.4B** in 2020.

\$4B

In construction to commence by U.S. Army Corp of Engineers at aging coastal ports in early 2022.



Los Angeles-Long Beach port complex



36%

Of U.S. imports pass through here.



8.6M

Number of containers imported between January and October 2021.



115K+

Number of empty containers waiting to be returned to points of origin.



96

Number of ships waiting for berths in early December 2021.

Keep on trucking

The shortage of truck drivers has grown from

61,000 in 2018 to

80,000 in 2021.

8,000

Average number of trucks required to haul cargo from one container ship.

FedEx forecasted delivery of

100 million

more holiday shipments in 2021 than in 2019.



Going off the rails

35% of U.S. rail revenue

is from international trade

140K

Total miles in U.S. freight rail network.

North American rail volume for first 48 weeks of 2021 was

33,112,479

carloads and intermodal units—up **5.3%** from 2020.



Longer-term disruptions could lead to changes in some parts of the supply chain or to operations. These changes could include **higher inventories**, finding **alternate supply sources**, **better collaboration with suppliers**, and **shortening the supply chain**, increasing the production of semiconductor chips and expanding shipping capacity.

Read more in our eBook:
Breaking Down the Broken Supply Chain

[Read the eBook](#)

Sources: AlixPartners LLP, American Trucking Associations, Association of American Railroads, CNBC, eMarketer, Fortune, Freightos.com, Marine Exchange of Southern California, Organisation for Economic Co-operation and Development, The Washington Post, Los Angeles Times, Smart Trucking, Time, Wall Street Journal, Zippia

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