The growing importance of U.S. petroleum and LNG exports

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Speakers

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- Ryan Hickman, Senior LNG Market Analyst, Shell
- Saad Rahim, Chief Economist, Trafigura
U.S. net petroleum trade (including crude oil, petroleum products, and natural gas plant liquids) has fallen in recent years, reaching 3.7 million barrels per day in 2017.

Annual U.S. total petroleum trade

million barrels per day

Source: U.S. Energy Information Administration, Petroleum Supply Monthly
Total U.S. petroleum gross exports reached over 6 million b/d, with growth across many fuels

Total U.S. crude oil and petroleum product exports

million barrels per day

2017 share of total exports

The timing of export growth has varied across liquid fuels

Year-over-year change in crude oil and petroleum product exports thousand barrels per day

U.S. crude oil exports increased sharply in 2017 and were sent to more destinations, becoming the third-largest type of U.S. petroleum exports

Source: U.S. Energy Information Administration, Petroleum Supply Monthly
Aside from Canada, Asia and Europe are top destinations for U.S. crude exports

U.S. crude oil destinations (2017)

thousand barrels per day

Distillate exports have averaged more than 1 million b/d since 2012

U.S. distillate exports
thousand barrels per day

Source: U.S. Energy Information Administration, Petroleum Supply Monthly
Gasoline exports are primarily sent to Mexico

U.S. total motor gasoline exports
thousand barrels per day

Source: U.S. Energy Information Administration, Petroleum Supply Monthly

Export destinations (2017)
thousand barrels per day

- Mexico
- Guatemala
- Canada
- Brazil
- Ecuador
- rest of world

Source: U.S. Energy Information Administration, Petroleum Supply Monthly
Unlike distillate and gasoline, propane is sent primarily to Asian markets.

U.S. propane exports
thousand barrels per day

Export destinations (2017)
thousand barrels per day

Source: U.S. Energy Information Administration, Petroleum Supply Monthly
U.S. exports of liquefied natural gas reached 1.94 billion cubic feet per day in 2017, up from 0.5 Bcf/d in 2016

Source: U.S. Energy Information, Natural Gas Monthly