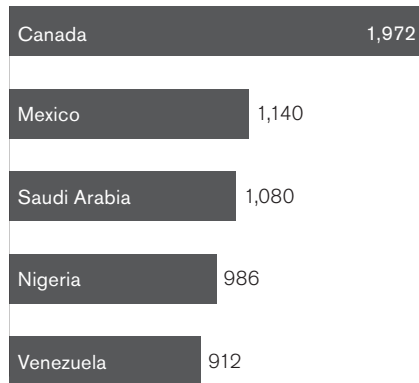


WHAT PEAK OIL?

Alberta's vast reserves of bitumen are among the world's largest sources of crude oil.

The United States has already become reliant on Canada's oil ...

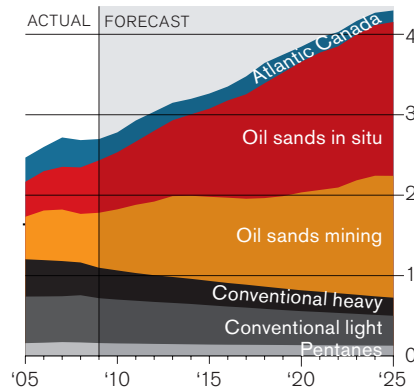
Top sources of U.S. crude oil imports
(thousands of barrels per day in 2010)



Source: U.S. Energy Information Administration (EIA)

... much of which comes from Alberta's rapidly growing oil-sands production.

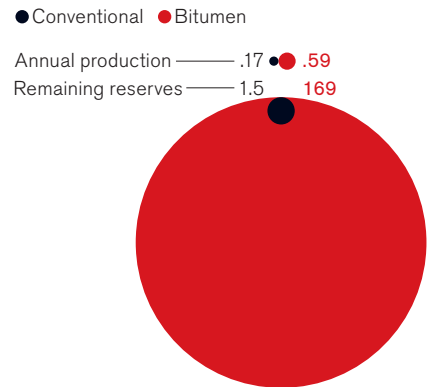
Canadian oil sands & conventional production
(million barrels per day)



Source: Canadian Association of Petroleum Producers (CAPP)

Indeed, Canada's oil reserves are almost entirely in the bitumen deposits.

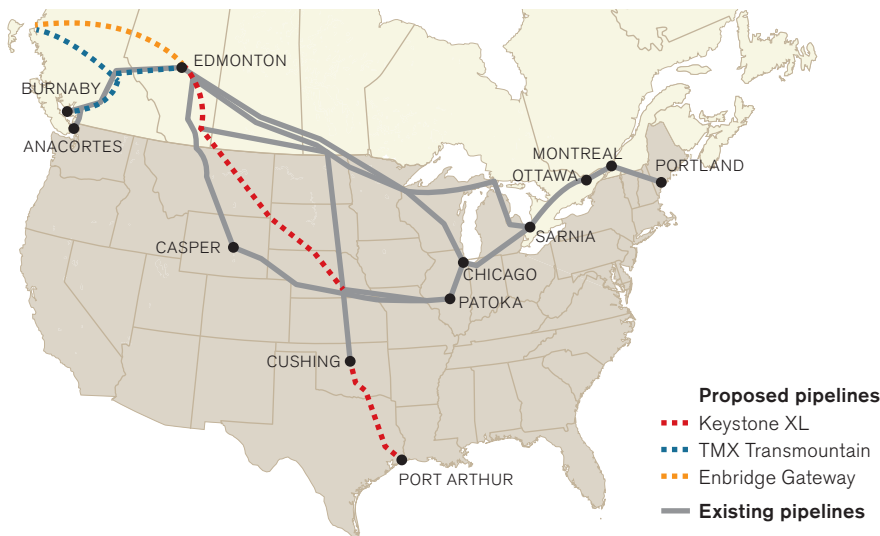
Alberta oil reserves and production, 2010
(billion barrels)



Source: Energy Resources Conservation Board (ERCB)

The proposed Keystone XL pipeline would deliver oil from Alberta to refineries in Port Arthur, Texas, adding to an existing network of pipelines to the United States.

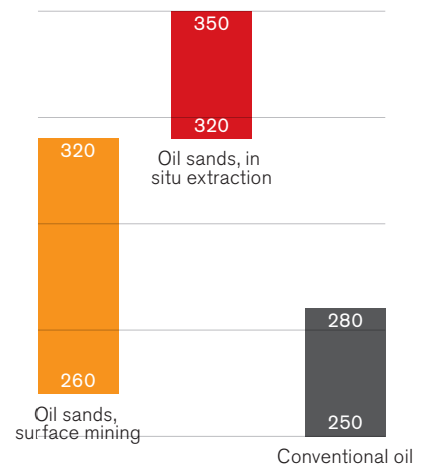
Selected Canadian & U.S. crude oil pipelines



Source: CAPP

Energy used to process oil sands results in large releases of carbon dioxide.

Greenhouse-gas emissions during the production and consumption of gasoline from oil sands and from conventional oil
(grams of CO₂ equivalent per kilometer)



Sources: Joule A. Bergerson, Alex D. Charpentier, and Heather L. MacLean; Environmental Research Letters