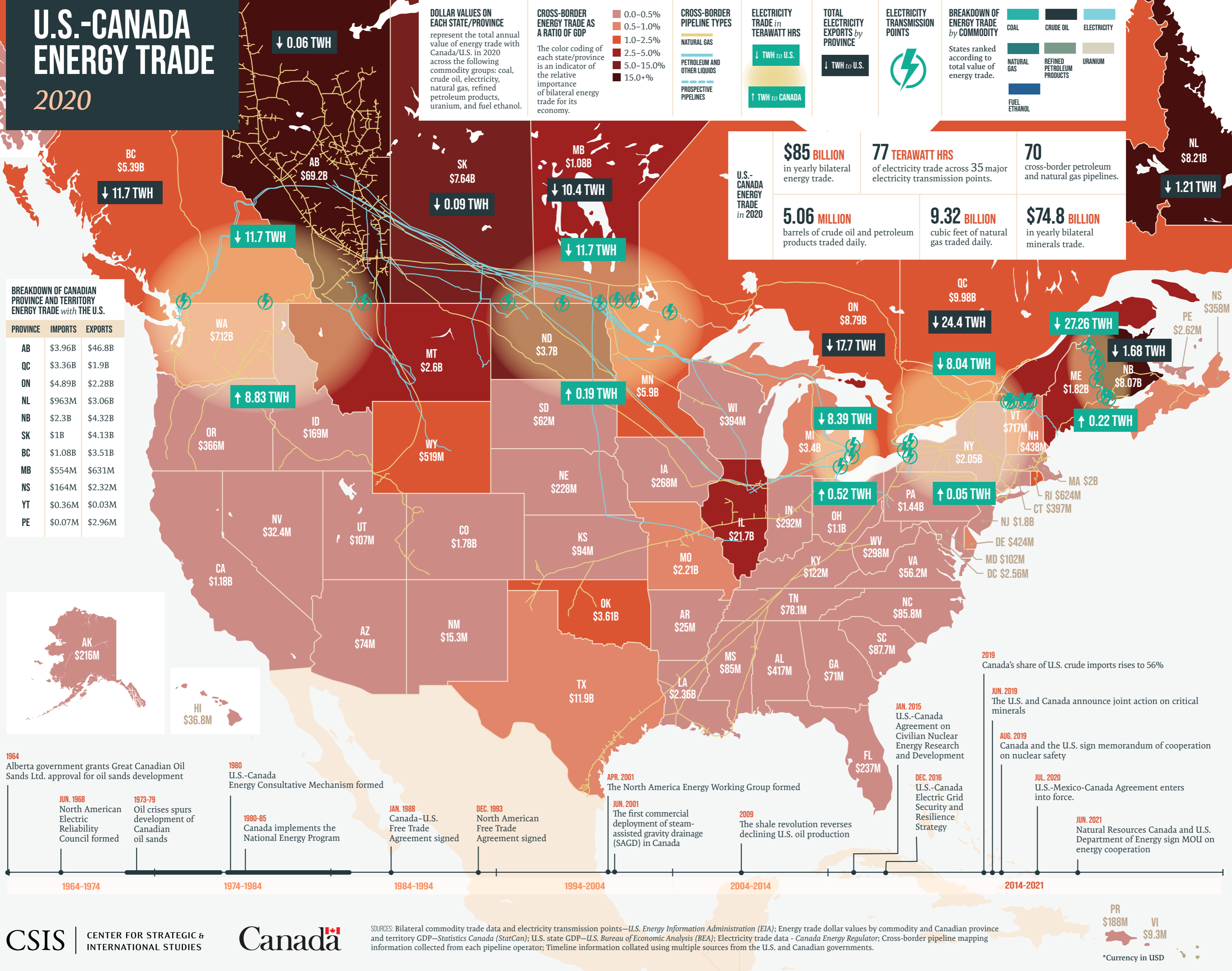


# U.S.-CANADA ENERGY TRADE 2020



**DOLLAR VALUES ON EACH STATE/PROVINCE** represent the total annual value of energy trade with Canada/U.S. in 2020 across the following commodity groups: coal, crude oil, electricity, natural gas, refined petroleum products, uranium, and fuel ethanol.

**CROSS-BORDER ENERGY TRADE AS A RATIO OF GDP**  
 The color coding of each state/province is an indicator of the relative importance of bilateral energy trade for its economy.

- 0.0-0.5%
- 0.5-1.0%
- 1.0-2.5%
- 2.5-5.0%
- 5.0-15.0%
- 15.0+%

**CROSS-BORDER PIPELINE TYPES**

- NATURAL GAS
- PETROLEUM AND OTHER LIQUIDS
- PROSPECTIVE PIPELINES

**ELECTRICITY TRADE in TERAWATT HRS**

- ↓ TWH to U.S.
- ↑ TWH to CANADA

**TOTAL ELECTRICITY EXPORTS by PROVINCE**

- ↓ TWH to U.S.

**ELECTRICITY TRANSMISSION POINTS**

**BREAKDOWN OF ENERGY TRADE by COMMODITY**

States ranked according to total value of energy trade.

- COAL
- CRUDE OIL
- ELECTRICITY
- NATURAL GAS
- REFINED PETROLEUM PRODUCTS
- URANIUM
- FUEL ETHANOL

## BREAKDOWN OF U.S. STATE/TERRITORY ENERGY TRADE with CANADA BY COMMODITY

STATE	IMPORTS	EXPORTS
IL	\$20.5B	\$1.2B
TX	\$5.21B	\$6.69B
WA	\$6.57B	\$547M
MN	\$4.58B	\$1.3B
ND	\$105M	\$3.59B
MI	\$2.6B	\$844M
OK	\$3.56B	\$45.5M
MO	\$2.11B	\$97.8M
MT	\$2.51B	\$41.2M
LA	\$1.49B	\$862B
NJ	\$1.68B	\$122M
NY	\$1.6B	\$457M
NH	\$4.24M	\$14.2M
CO	\$1.78B	\$1.9M
MA	\$1.49B	\$27.7M
PA	\$1.04B	\$396M
ME	\$1.61B	\$209M
OH	\$862M	\$242M
DE	\$390M	\$34M
CA	\$957M	\$219M
VT	\$717M	\$0.15M
WY	\$512M	\$1.2M
RI	\$624M	\$0.2M
WI	\$359M	\$143M
CT	\$317M	\$80M
OR	\$309M	\$57.2M
AL	\$413M	\$4M
WV	\$70.5M	\$228M
IN	\$141M	\$151M
IA	\$143M	\$125M
AK	\$0.14M	\$44M
FL	\$223M	\$14.5M
NE	\$36.4M	\$192M
PR	\$118M	\$0.29M
NM	\$14.4M	\$0.92M
ID	\$167M	\$2.34M
GA	\$50.6M	\$10.5M
KY	\$65.8M	\$56M
UT	\$87.2M	\$5.21M
MD	\$98.1M	\$4M
SC	\$85.1M	\$2.55M
MS	\$68.3M	\$16.8M
TN	\$66.6M	\$11.5M
NC	\$75.1M	\$10.7M
KS	\$30.5M	\$63.9M
VA	\$35.4M	\$20.8M
SD	\$8.36M	\$53.7M
AZ	\$70.5M	\$3.89M
NV	\$32M	\$0.42M
AR	\$19.2M	\$3.89M
VI	No imports	\$9.27M
DC	\$2.57M	\$<0.1M
HI	\$36.8M	No exports

**BREAKDOWN OF CANADIAN PROVINCE AND TERRITORY ENERGY TRADE with THE U.S.**

PROVINCE	IMPORTS	EXPORTS
AB	\$3.96B	\$46.8B
QC	\$3.36B	\$1.9B
ON	\$4.89B	\$2.28B
NL	\$963M	\$3.06B
NB	\$2.3B	\$4.32B
SK	\$1B	\$4.13B
BC	\$1.08B	\$3.51B
MB	\$554M	\$631M
NS	\$164M	\$2.32M
YT	\$0.36M	\$0.03M
PE	\$0.07M	\$2.96M



**1964** Alberta government grants Great Canadian Oil Sands Ltd. approval for oil sands development

**JUN. 1968** North American Electric Reliability Council formed

**1973-79** Oil crises spurs development of Canadian oil sands

**1980** U.S.-Canada Energy Consultative Mechanism formed

**1980-85** Canada implements the National Energy Program

**JAN. 1988** Canada-U.S. Free Trade Agreement signed

**DEC. 1993** North American Free Trade Agreement signed

**APR. 2001** The North America Energy Working Group formed

**JUN. 2001** The first commercial deployment of steam-assisted gravity drainage (SAGD) in Canada

**2009** The shale revolution reverses declining U.S. oil production

**JAN. 2015** U.S.-Canada Agreement on Civilian Nuclear Energy Research and Development

**DEC. 2016** U.S.-Canada Electric Grid Security and Resilience Strategy

**2019** Canada's share of U.S. crude imports rises to 56%

**JUN. 2019** The U.S. and Canada announce joint action on critical minerals

**AUG. 2019** Canada and the U.S. sign memorandum of cooperation on nuclear safety

**JUL. 2020** U.S.-Mexico-Canada Agreement enters into force.

**JUN. 2021** Natural Resources Canada and U.S. Department of Energy sign MOU on energy cooperation

SOURCES: Bilateral commodity trade data and electricity transmission points—U.S. Energy Information Administration (EIA); Energy trade dollar values by commodity and Canadian province and territory GDP—Statistics Canada (StatCan); U.S. state GDP—U.S. Bureau of Economic Analysis (BEA); Electricity trade data - Canada Energy Regulator; Cross-border pipeline mapping information collected from each pipeline operator; Timeline information collated using multiple sources from the U.S. and Canadian governments.

\*Currency in USD