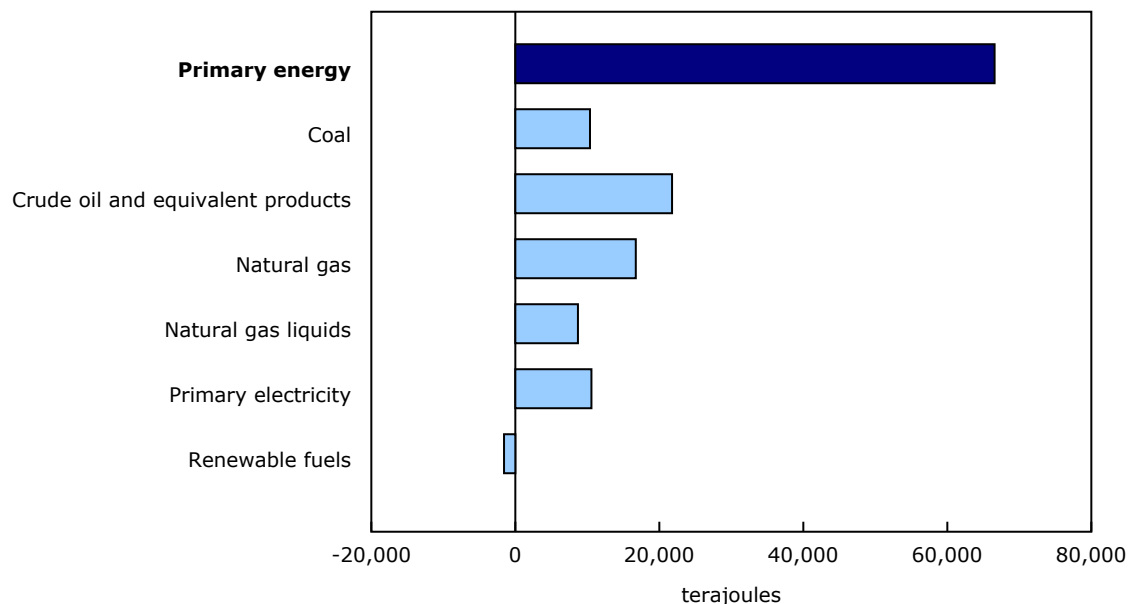


# Energy statistics, April 2025

Released at 8:30 a.m. Eastern time in *The Daily*, Friday, June 27, 2025

Production of primary energy increased 3.5% on a year-over-year basis in April with five out of six sectors posting gains. Secondary energy production rose 6.6%, with refined petroleum products contributing the most to the increase.

**Chart 1**  
Year-over-year contribution to change in primary energy production



Source(s): Table 25-10-0079-01.

For more information on energy in Canada, including production, consumption, international trade and much more, visit the [Canadian Centre for Energy Information](#) portal and follow #energynews on social media.

The 2024 energy year-in-review articles on crude oil and electricity are now available in [StatsCAN Plus](#).

[Another record year for Canadian crude oil: Crude oil year in review, 2024](#)

[Dry weather dampens overall generation: Electricity year in review, 2024](#)

[Record high production, and record low prices: Natural gas year in review, 2024](#)

[Record high production and exports: Refined petroleum products year in review, 2024](#)



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## Production of crude oil rises

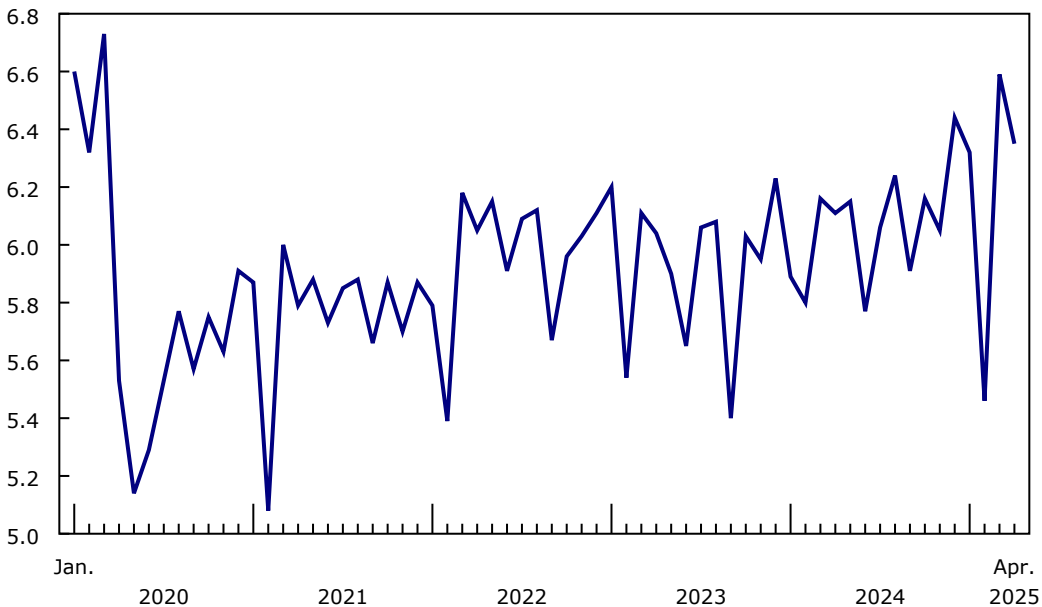
In April, production of crude oil and equivalent products rose 2.3% year-over-year to 24.9 million cubic metres, although down 4.0% on a daily level from the previous month as spring maintenance began in the oil sands.

The largest contribution to the overall gain was from oil extraction, rising 3.9% to 6.3 million cubic metres in April. The increase came mostly from Alberta (+5.4%) and Newfoundland and Labrador (+12.5%) where there was an [increase and expansion of offshore production](#).

Oil sands extraction edged up 0.9% year over year to 15.9 million cubic metres in April. The increase in crude bitumen production (+3.8%) was mostly offset by a decrease in synthetic crude oil (-3.9%), as some upgraders began their turnarounds at the start of the month.

### Chart 2 Canadian crude oil extraction

millions of cubic metres



Source(s): Table [25-10-0063-01](#).

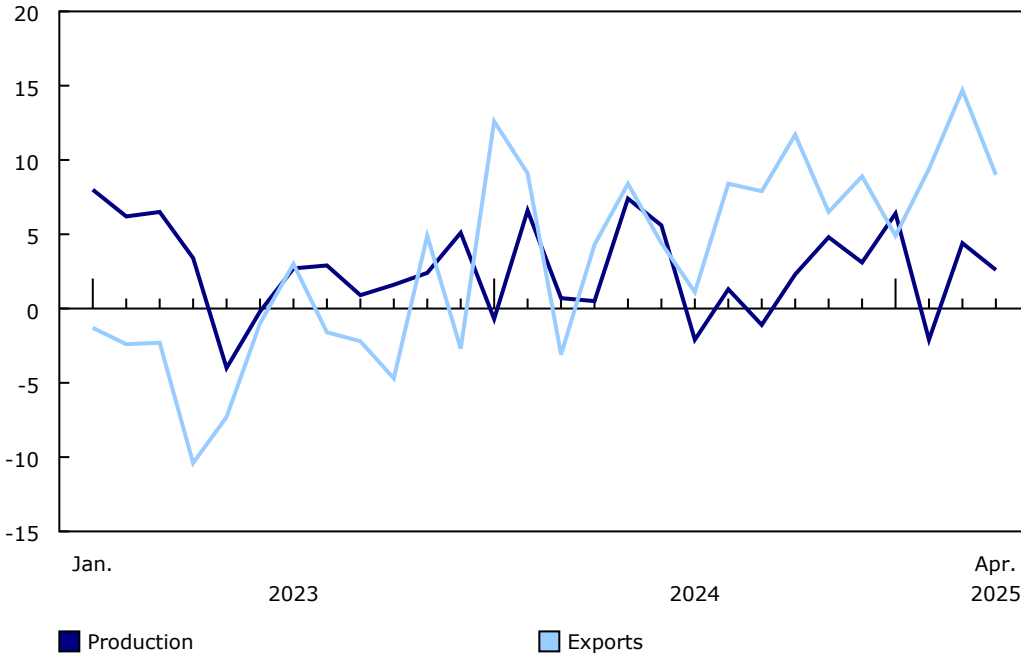
## Production and exports of natural gas up year over year

Production of marketable natural gas rose 2.6% year over year to 672.1 million cubic metres in April, as both Alberta (+2.7%) and British Columbia (+2.6%) increased production.

Exports of natural gas to the United States climbed 9.0% to 279.1 million cubic metres in April, while imports ticked down 0.3% to 88.4 million cubic metres.

**Chart 3**  
**Canadian production and exports of natural gas**

year over year percentage change



Source(s): Table 25-10-0055-01.

**Following refurbishment and maintenance activities, nuclear generation drives electricity generation gain in April**

Total electricity generation in Canada increased 7.0% year over year to 48.9 million megawatt-hours (MWh) in April. Nuclear generation (+36.5%) drove the growth, as both Ontario (+28.8%) and [New Brunswick \(+520.9%\)](#) posted gains. In April 2024 nuclear stations in both provinces were undergoing refurbishment or maintenance activities which reduced generation levels; these activities have since been completed and the units at the affected stations have resumed operations.

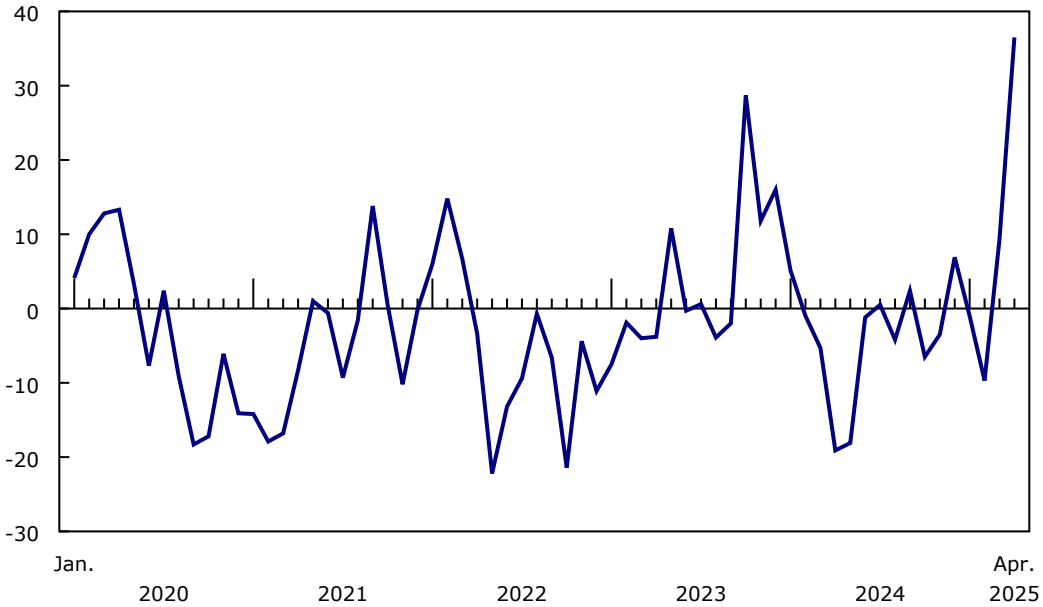
Exports of electricity to the United States jumped 54.8% year over year to 2.6 million MWh in April 2025, while imports fell 34.6% to 1.7 million MWh. In 2024, [drought conditions led to reduced exports and increased imports](#), however, conditions improved in the winter and spring of 2025.

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## Chart 4 Canadian nuclear electricity generation

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year over year percentage change



Source(s): Table [25-10-0015-01](#).

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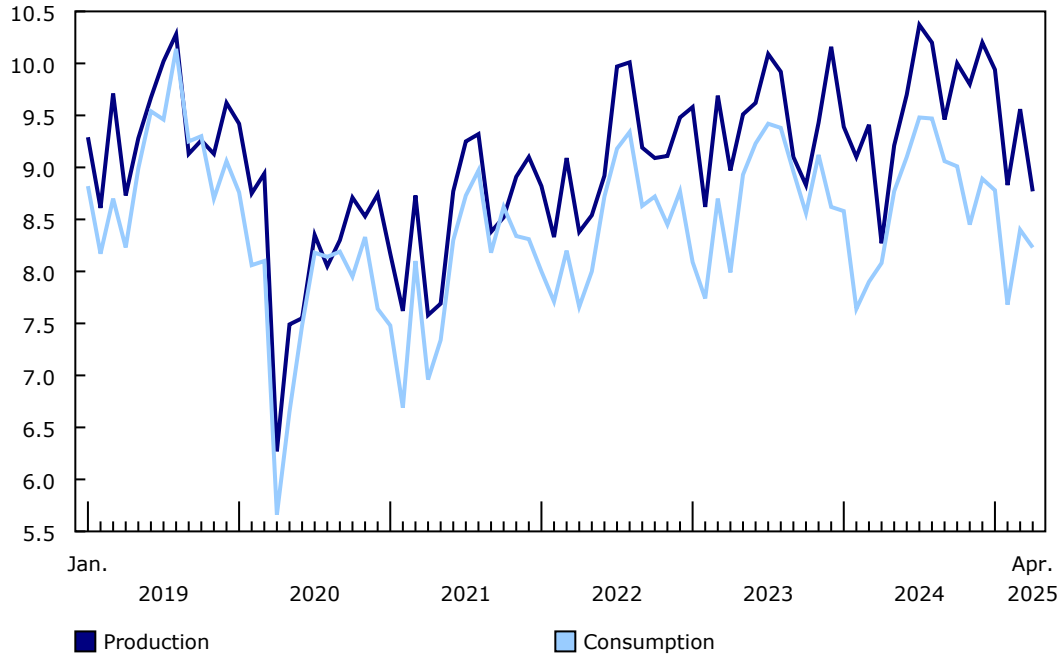
## Production and consumption of refined petroleum products climb in April

Production of refined petroleum products rose 6.0% to 8.8 million cubic metres in April as distillate fuel oil (+7.0%), finished motor gasoline (+4.2%), and kerosene type jet fuel (+18.2%) all posted gains.

Consumption of refined petroleum products rose 1.8% to 8.2 million cubic metres in April, driven by a 6.8% increase in distillate fuel.

**Chart 5**  
**Canadian production and consumption of refined petroleum products**

millions of cubic metres



Source(s): Table 25-10-0081-01.

**Focus on Canada and the United States**

Exports of crude oil to the United States by pipeline fell 9.0% to 15.8 million cubic metres in April, the lowest monthly volume since April 2022. The decline was partially attributable to a spill from the Keystone pipeline in North Dakota, which shut down the line for part of the month.

For more data and insights on areas touched by the socioeconomic relationship between Canada and the United States, see the [Focus on Canada and the United States](#) webpage.

**Did you know we have a mobile app?**

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## Upcoming changes to the Statistics Canada homepage

On July 16, Statistics Canada will launch an improved homepage to facilitate navigation and data access. Rest assured that the new design will not affect your bookmarks or access to *The Daily*, data tables, web scraping, or other key functionalities.

For more information, please visit the page on the [upcoming changes to the Statistics Canada website](#).

### Note to readers

*The Energy Statistics Program relies on data collected from respondents and administrative sources.*

*The Consolidated Energy Statistics table (25-10-0079-01) presents monthly data on primary and secondary energy by fuel type (crude oil, natural gas, electricity, coal, etc.) in terajoules and supply and demand characteristics (production, exports, imports, etc.) for Canada. For more information, consult the [Consolidated Energy Statistics Table: User Guide](#).*

*Data in this release are not seasonally adjusted.*

*The following survey programs support the "Energy statistics" release:*

- *Crude oil and natural gas (survey number [2198](#); tables 25-10-0036-01, 25-10-0055-01 and 25-10-0063-01)*
- *Energy transportation and storage (survey number [5300](#); tables 25-10-0075-01 and 25-10-0077-01)*
- *Natural gas transmission, storage and distribution (survey numbers [2149](#), [5210](#) and [5215](#); tables 25-10-0057-01, 25-10-0058-01 and 25-10-0059-01)*
- *Refined petroleum products (survey number [2150](#); table 25-10-0081-01).*
- *Renewable fuel and hydrogen (survey number [5294](#); table 25-10-0082-01)*
- *Electric power statistics (survey number [2151](#); tables 25-10-0015-01 and 25-10-0016-01)*
- *Coal and coke statistics (survey numbers [2147](#) and [2003](#); tables 25-10-0045-01 and 25-10-0046-01).*

*The newly expanded Trans Mountain pipeline began operation in May 2024, transporting crude oil and refined petroleum products from Edmonton, Alberta, to the port of Burnaby, British Columbia. This expansion nearly tripled the capacity of the existing line built in 1953, allowing for more Canadian crude oil to be exported to the global market. As a result, year-over-year rates of change are expected to be significant for some data series through to April 2025.*

### Revisions

*Energy survey data and administrative sources are subject to revisions to reflect new or updated information. Historical revisions will be processed periodically.*

*Occasionally, data from [Environment and Climate Change Canada](#) are referenced by the Energy Statistics Program using Cooling Degree Days (CDDs) or Heating Degree Days (HDDs) as a measure of temperature. CDDs reflect the relationship between outdoor temperatures and the need to cool indoors to maintain room temperature. As temperatures outside rise, the number of CDDs increases. HDDs are the opposite and reflect the need to heat indoors to maintain room temperature. As temperatures outside fall, the number of HDDs increases.*

**Available tables:** [25-10-0015-01](#), [25-10-0016-01](#), [25-10-0036-01](#), [25-10-0045-01](#), [25-10-0046-01](#), [25-10-0055-01](#), [25-10-0063-01](#), [25-10-0079-01](#), [25-10-0081-01](#) and [25-10-0082-01](#).

**Definitions, data sources and methods:** survey numbers [2003](#), [2147](#), [2149](#), [2150](#), [2151](#), [2198](#), [5210](#), [5215](#), [5294](#) and [5300](#).

For more information, or to enquire about the concepts, methods or data quality of this release, contact us (toll-free 1-800-263-1136; 514-283-8300; [infostats@statcan.gc.ca](mailto:infostats@statcan.gc.ca)) or Media Relations ([statcan.mediahotline-ligneinfomedias.statcan@statcan.gc.ca](mailto:statcan.mediahotline-ligneinfomedias.statcan@statcan.gc.ca)).