

# Supply and disposition of refined petroleum products, December 2018

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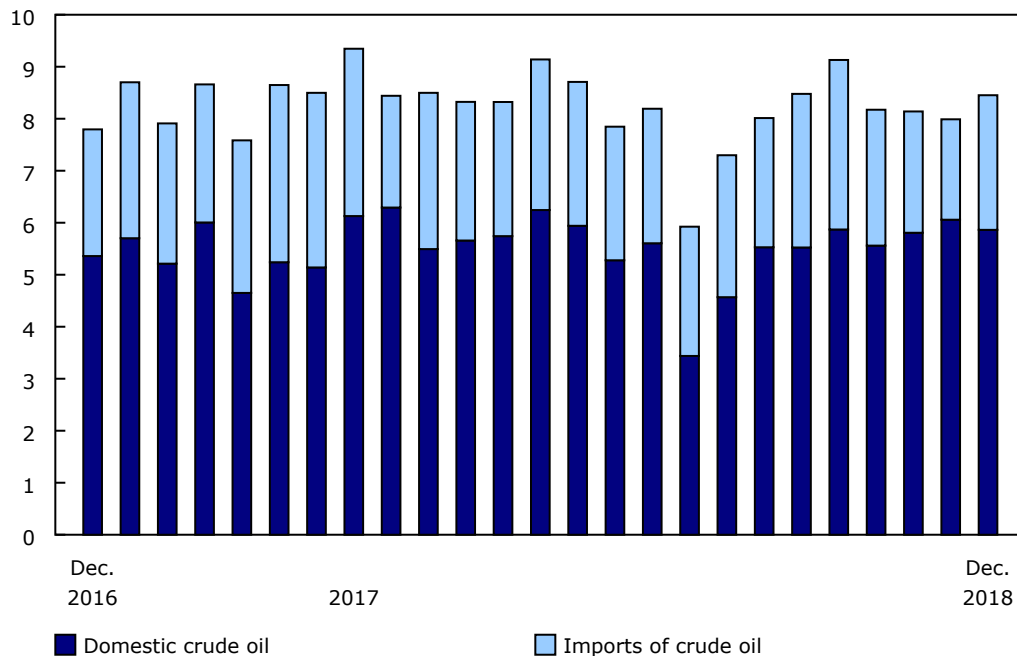
Refinery receipts of crude oil and refinery production decreased in December, while domestic sales of refined petroleum products increased compared with the same month in 2017.

## Refinery receipts down

Canadian refineries received 8.5 million cubic metres of crude oil in December, down 7.5% from the same month a year earlier.

**Chart 1**  
Crude oil and equivalent products received by refineries

millions of cubic metres



Source(s): Table 25-10-0041-01.

Over the same period, domestic crude oil received by refineries was down 6.1% to 5.9 million cubic metres.

Imports of crude oil to refineries decreased 10.6% to 2.6 million cubic metres.

Crude oil inventories held at refineries totalled 3.4 million cubic metres in December, up 8.4% from the same month in 2017.

## Crude oil used in refinery production declines

Total crude oil and equivalent products used in refinery production decreased 5.7% year over year to 8.4 million cubic metres in December.

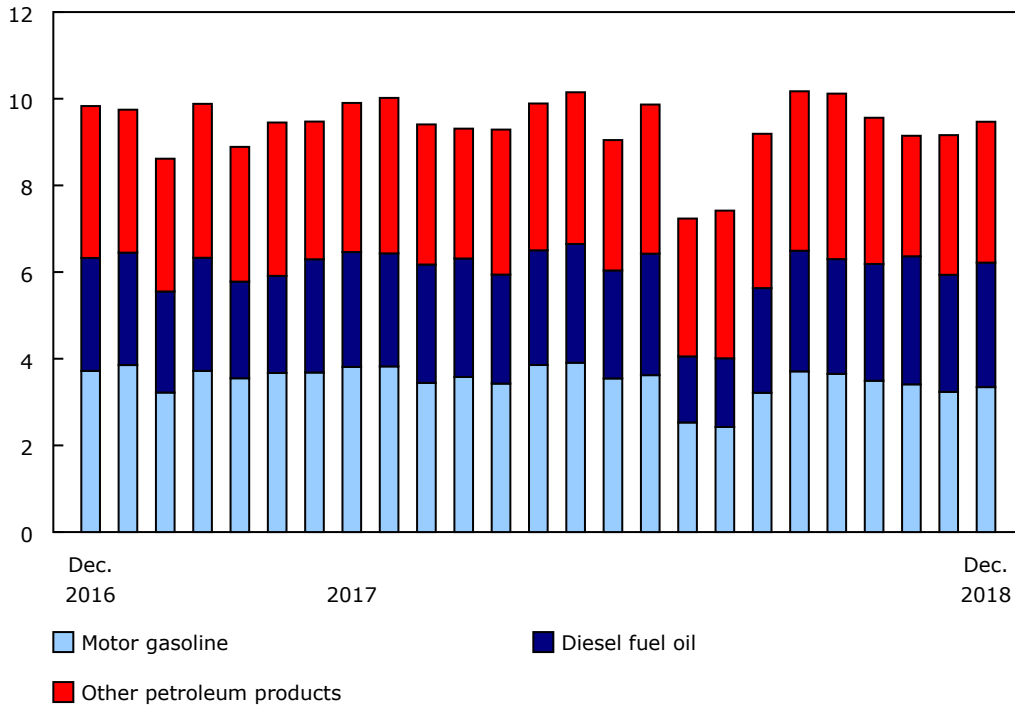


## Refinery production down and sales up

Production of refined petroleum products was down 4.3% year over year to 9.5 million cubic metres in December. The main contributor to the decrease was motor gasoline (-13.2%).

### Chart 2 Net refinery production by product

Millions of cubic metres



Source(s): Table 25-10-0044-01.

Domestic sales increased 3.2% to 9.0 million cubic metres.

## Imports and exports decline

In December, Canadian imports of refined petroleum products totalled 1.4 million cubic metres, down 0.8% from the same month a year earlier.

Meanwhile, exports of refined petroleum products declined 14.8% to 2.0 million cubic metres.

## Inventories up

Closing inventories of refined petroleum products held by refineries increased 4.2% year over year to 8.1 million cubic metres in December.

**Table 1**  
**Key supply and disposition variables of refined petroleum products**

	December 2017	December 2018	December 2017 to December 2018	January to December 2017 (cumulative)	January to December 2018 (cumulative)	December 2017 to December 2018
	cubic metres		% change	cubic metres		% change
<b>Net production of all products</b>	<b>9 889 659</b>	<b>9 468 701</b>	<b>-4.3</b>	<b>113 872 498</b>	<b>110 530 720</b>	<b>-2.9</b>
Net production of motor gasoline	3 854 671	3 344 736	-13.2	43 633 765	40 082 383	-8.1
Net production of diesel fuel oil	2 647 149	2 872 687	8.5	30 505 146	30 217 904	-0.9
<b>Imports of all products</b>	<b>1 401 466</b>	<b>1 390 667</b>	<b>-0.8</b>	<b>16 651 478</b>	<b>17 429 399</b>	<b>4.7</b>
Imports of motor gasoline	584 706	483 892	-17.2	8 635 925	7 877 816	-8.8
Imports of diesel fuel oil	145 039	114 802	-20.8	1 329 907	2 103 645	58.2
<b>Closing inventory of all products<sup>1</sup></b>	<b>7 755 263</b>	<b>8 079 119</b>	<b>4.2</b>	<b>7 755 263</b>	<b>8 079 119</b>	<b>4.2</b>
Closing inventory of motor gasoline <sup>1</sup>	2 507 441	2 540 938	1.3	2 507 441	2 540 938	1.3
Closing inventory of diesel fuel oil <sup>1</sup>	1 901 761	1 974 075	3.8	1 901 761	1 974 075	3.8
<b>Exports of all products</b>	<b>2 355 244</b>	<b>2 007 280</b>	<b>-14.8</b>	<b>28 689 773</b>	<b>25 859 188</b>	<b>-9.9</b>
Exports of motor gasoline	953 027	723 164	-24.1	11 080 840	9 052 750	-18.3
Exports of diesel fuel oil	321 264	455 559	41.8	4 794 967	x	x
<b>Domestic sales of all products</b>	<b>8 739 610</b>	<b>9 020 400</b>	<b>3.2</b>	<b>105 921 877</b>	<b>109 795 073</b>	<b>3.7</b>
Domestic sales of motor gasoline	3 959 831	3 759 619	-5.1	47 018 152	46 299 444	-1.5
Domestic sales of diesel fuel oil	2 422 496	2 566 230	5.9	31 200 036	33 092 097	6.1

x suppressed to meet the confidentiality requirements of the *Statistics Act*

1. Closing inventories for a given year correspond to inventories as of December 31 of that year.

Source(s): Table 25-10-0044-01.

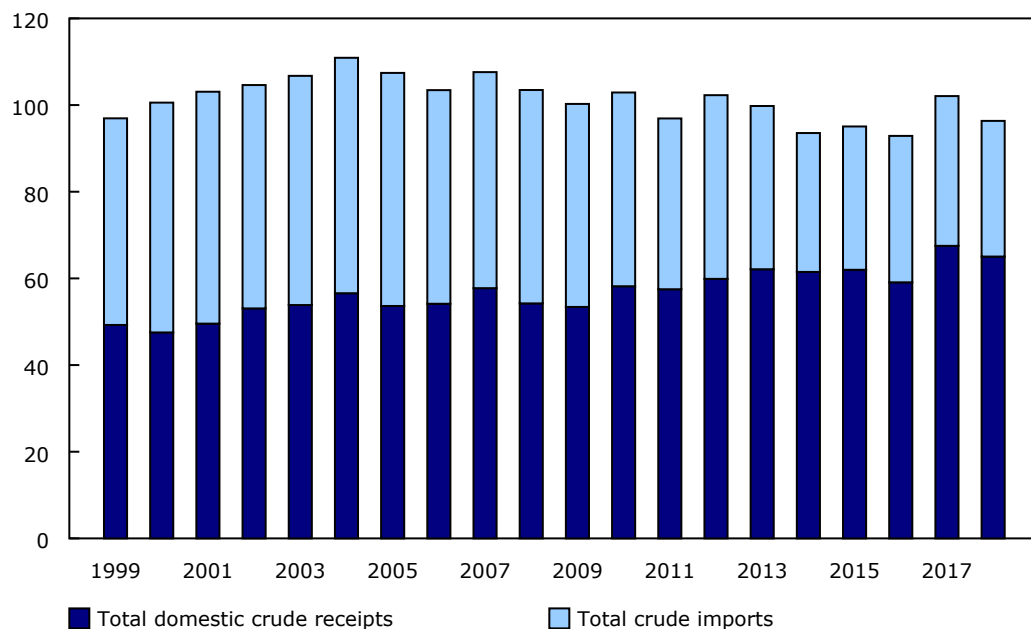
## 2018 annual review

### Crude oil receipts down

Canadian refineries received 96.3 million cubic metres of crude oil in 2018, down 5.6% from a year earlier. Decreases were seen in both crude imports (-9.4%) and domestic crude (-3.7%). Imports accounted for 32.5% of crude oil receipts in 2018, their lowest share since 1989.

**Chart 3**  
**Refinery receipts of crude oil and equivalent**

millions of cubic metres



Source(s): Table 25-10-0041-01.

**Refinery production down and sales up**

In 2018, refinery production totalled 110.5 million cubic metres, down 2.9% from 2017 when production reached a seven-year high at 113.9 million cubic metres. Widespread refinery shutdowns during the second quarter contributed to the overall decrease in refinery production in 2018.

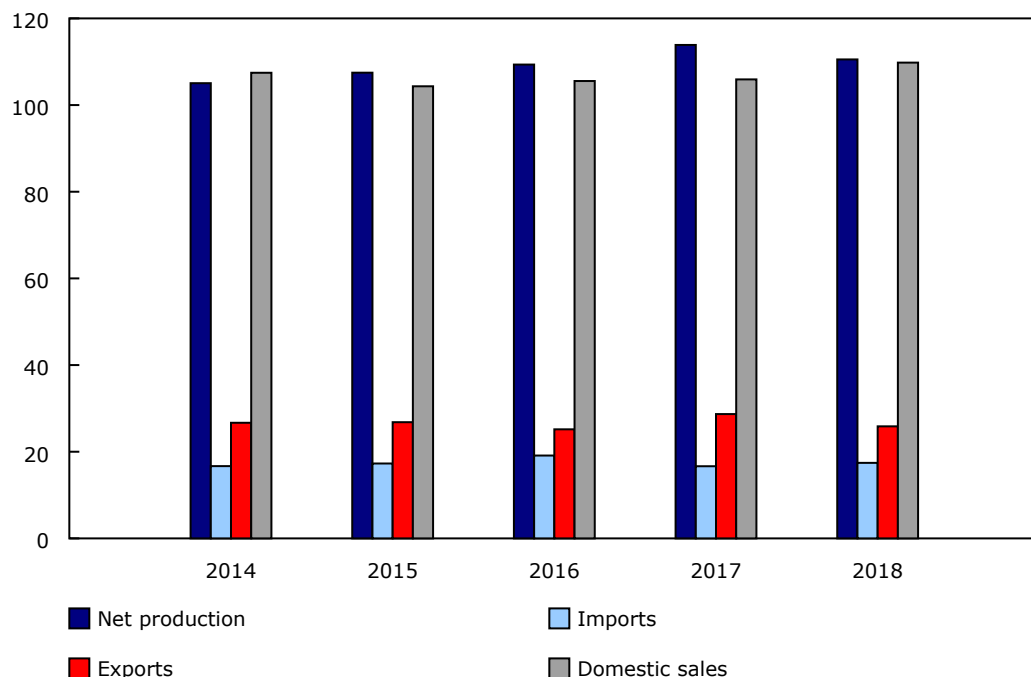
Domestic sales of refined petroleum products increased 3.7% to 109.8 million cubic metres in 2018. Sales of diesel (+6.1%), aviation turbo fuel (+11.4%), heavy fuel oil (+26.6%) and petrochemical feedstocks (+7.6%) were all up compared with 2017.

**Imports up and exports down**

Canada imported 17.4 million cubic metres of refined petroleum products in 2018, up 4.7% from 2017. Meanwhile, Canadian exports of refined petroleum products fell 9.9% to 25.9 million cubic metres.

## Chart 4 Key supply and disposition variables of refined petroleum products

millions of cubic metres



Source(s): Table 25-10-0044-01.

### Note to readers

The Monthly Refined Petroleum Products survey collects data on the activities of every Canadian refinery involved in the production of refined petroleum products (North American Industry Classification System [NAICS] 324000) and of selected major distributors of these products (NAICS 412000).

In early 2019, this Daily article will be part of a new consolidated monthly energy release where data from multiple monthly energy surveys will be released on the same day.

Additionally, the monthly refined petroleum products program will be updated starting with the January 2019 reference month.

**Crude oil and equivalent charged** are combined with other materials charged as feedstocks to calculate **total refinery production** in order to obtain total refined petroleum products plus refinery losses.

**Total other materials charged as feedstocks** are materials from petroleum or other sources which are external to the refinery and which are charged to the refinery as inputs.

**Refinery losses** are the volume difference between production of refined petroleum products and crude oil and other materials charged. Most products produced by modern refineries have a specific gravity (density) that is lighter than crude oil. The resulting volumetric gain is shown as deduction from refinery production to ensure balancing of outputs and inputs.

**Domestic sales** include all sales by reporting companies, excluding exports and sales to other reporting companies.

**Refinery receipts** of crude oil and equivalent hydrocarbons (condensates and pentanes plus) from domestic and foreign sources are for refinery consumption or storage.

Data are subject to revisions.

**Available tables:** [25-10-0041-01](#) to [25-10-0044-01](#) .

**Definitions, data sources and methods:** survey number [2150](#).

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; [STATCAN.infostats-infostats.STATCAN@canada.ca](mailto:STATCAN.infostats-infostats.STATCAN@canada.ca)) or Media Relations (613-951-4636; [STATCAN.mediahotline-ligneinfomedias.STATCAN@canada.ca](mailto:STATCAN.mediahotline-ligneinfomedias.STATCAN@canada.ca)).