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CUSTOM REPORT

Canada's Propane Industry and Markets Regional Profiles

Presented to:

Canadian Propane Association

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Prepared by:

Carlos A. Murillo, Senior Research Associate, Energy and Environment Policy

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Data description and sources

Regions

A total of nine regions are presented in this brief report including:

- Canada
- British Columbia (BC)
- Alberta (AB)
- Saskatchewan (SK)
- Manitoba (MB)
- Ontario (ON)
- Quebec (QC)
- Atlantic Canada (including New Brunswick, Nova Scotia, Prince Edward Island, and Newfoundland and Labrador)
- Northern Territories (including the Northwest Territories, Nunavut, and Yukon)

Base year

2016 is the latest year for which all data sources are available as a common denominator. As such, this year is the base year for all the data presented in this report.¹ Although some data points are already available for either 2017 and/or 2018, it becomes difficult to make any valid comparisons either across regions or even across different data items based on different years – thus reinforcing the suitability of using a single year (i.e., 2016) as the base year for this analysis.

Propane in the energy mix

- **Propane's share of total regional energy demand:** estimated as total propane end-use demand in a region (including industrial, commercial, residential, transportation, and agriculture end-use demand, but excluding producers' own consumption and non-energy use),² over a region's total primary and secondary energy use final demand.
- **Region's share of total Canadian propane demand:** estimated as the region's total demand for propane over total Canadian propane demand.

Data for these ratios comes from:

- Statistics Canada's Table 25-10-0029-01 (formerly CANSIM 128-0016): Supply and demand of primary and secondary energy in terajoules, annual
- Statistics Canada's Table 25-10-0026-01 (formerly CANSIM 128-0012): Supply and demand of natural gas liquids, annual

Propane production

- **Region's share of Canadian propane production:** estimated as total regional propane production – including propane extraction as a natural gas liquid (NGL) from gas processing plants and propane production as a refinery liquefied petroleum gas (LPG), over total Canadian propane production.

¹ Except for the data on propane vehicles' fueling stations (this data is for December 2018).

² Non-energy use refers to petrochemical feedstock demand.

Data on propane extraction from gas plants comes from:

- British Columbia’s natural gas and oil statistics (by-products production dataset) for BC
- The Canadian Association of Petroleum Producers (CAPP) for Nova Scotia and SK
- Statistics Canada Table 25-10-0026-01 (formerly CANSIM 128-0012) for AB and ON

Data on propane production as a refinery LPG is estimated using:

- Statistics Canada Table 25-10-0026-01 (formerly CANSIM 128-0012)
- Statistics Canada’s Table 25-10-0029-01 (formerly CANSIM 128-0016)
- Statistics Canada’s Table 25-10-0030-01 (formerly CANSIM 128-0017): Supply and demand of primary and secondary energy in natural units

Propane demand by sector

Demand data comes from Statistics Canada Table 25-10-0026-01 (formerly CANSIM 128-0012).

Sales by sector

Sales estimates were developed by The Conference Board of Canada for the *Fueled-Up* market study (2018) using demand volumes (from Statistics Canada) together with price data and assumptions, as well as export volumes and prices data from the National Energy Board (NEB).

Wholesale-level sales include sales for producer’s own-use, non-energy uses/petrochemical feedstock, and industrial sales – including mining, oil and gas, manufacturing, and construction.

Retail-level sales include sales across the residential, commercial/institutional, transportation, and agriculture sectors.

Economic footprint

Economic footprint figures were developed by The Conference Board of Canada for the *Fueled-Up* market study (2018) based on sales estimates (discussed above) and making use of Statistics Canada’s Interprovincial Input-Output model. GDP and employment footprint estimates are presented for the five largest sectors and a sixth category including all other 29 sectors.

All economic footprint estimates including GDP, employment, and government revenues are for the **total level – i.e., including direct, indirect, and induced impacts**. These numbers should be interpreted as the total level of economic activity that the propane industry stimulates across a given region, rather than as a direct measure of the propane industry’s activities in a region’s economy.

End-use stock/infrastructure

End-use stock and infrastructure metrics were estimated using Statistics Canada’s Table 25-10-0029-01 (formerly CANSIM 128-0016) and Natural Resources Canada’s Comprehensive Energy Use Database (CEUD). Data on propane vehicle fueling stations comes from Natural Resources Canada’s Electric Charging and Alternative Fueling Stations Locator.

Regional supply and demand balance

- Sources of data for propane production from gas plants and refineries as listed above.
- International exports data is sourced from the NEB.
- International imports data comes from Statistics Canada's International Merchandise Trade (CIMT) database.
- Supply adjustments data is sourced from Statistics Canada Table 25-10-0026-01 (formerly CANSIM 128-0012).
- Inbound and outbound inter-regional transfers – i.e. transfers between different regions within Canada, are calculated by The Conference Board of Canada as follows:
 - (gas plant NGL propane production + refinery LPG propane production + international imports + supply adjustments) – (domestic demand + international exports) = required inter-regional transfers (RIRT), where:
 - If $RIRT < 0$ → inbound transfer required = transfer from another region(s) in Canada.
 - If $RIRT > 0$ → outbound transfer required = transfer to another region(s) in Canada.

Regional profiles

Canada

<i>Item</i>	<i>Value</i>	<i>Units</i>
Propane in the energy mix		
<i>Propane's share of total regional energy demand</i>	1.6	per cent
<i>Other fuels</i>	98.4	per cent
<i>Region's share of total Canadian propane demand</i>	100.0	per cent
<i>Other regions</i>	-	per cent
Propane production		
<i>Region's share of Canadian propane production</i>	100.0	per cent
<i>Other regions</i>	-	per cent
<i>Gas plant NGL's share of regional propane production</i>	91.6	per cent
<i>Refinery LPG's share of regional propane production</i>	8.4	per cent
Propane demand by sector		
<i>Mining, oil and gas</i>	27.9	per cent
<i>Manufacturing and construction</i>	5.8	per cent
<i>Petrochemicals and producer's own-use</i>	16.7	per cent
<i>Commercial/institutional</i>	24.4	per cent
<i>Residential</i>	10.9	per cent
<i>Transportation</i>	7.7	per cent
<i>Agriculture</i>	6.6	per cent
Total	100.0	per cent
Sales by sector		
<i>Wholesale-level sales</i>	\$ 851	millions of \$2016
<i>Retail-level sales</i>	\$ 2,196	millions of \$2016
Domestic sales	\$ 3,046	millions of \$2016
<i>International export sales</i>	\$ 982	millions of \$2016
Total Sales	\$ 4,029	millions of \$2016
Economic footprint by sector		
GDP by sector		
<i>Oil and gas</i>	\$ 1,699	millions of \$2016
<i>Manufacturing</i>	\$ 266	millions of \$2016
<i>Transportation</i>	\$ 337	millions of \$2016
<i>Wholesale/retail trade</i>	\$ 256	millions of \$2016
<i>Financial services</i>	\$ 266	millions of \$2016
<i>Other sectors</i>	\$ 674	millions of \$2016
Total	\$ 3,498	millions of \$2016
Employment by sector		
<i>Oil and gas</i>	3,299	number of jobs
<i>Manufacturing</i>	971	number of jobs

<i>Transportation</i>	1,795	number of jobs
<i>Wholesale/retail trade</i>	2,759	number of jobs
<i>Financial services</i>	1,990	number of jobs
<i>Other sectors</i>	6,382	number of jobs
Total	17,196	number of jobs
Government revenues by type		
<i>Indirect taxes</i>	\$ 309	millions of \$2016
<i>Personal income taxes</i>	\$ 285	millions of \$2016
<i>Corporate income taxes</i>	\$ 160	millions of \$2016
<i>Other taxes</i>	\$ 37	millions of \$2016
<i>Royalties</i>	\$ 83	millions of \$2016
<i>Carbon tax</i>	\$ 30	millions of \$2016
Total	\$ 905	millions of \$2016
End-use stock/infrastructure		
<i>Estimated number of propane vehicles</i>	95,879	number
<i>Propane fueling stations</i>	739	number
<i>Number of households using propane as main fuel</i>	134,168	number
<i>Built commercial/institutional floor space using propane as main fuel ('000s of m²)</i>	29,052	thousands of m ²

Regional supply and demand balance

<i>all numbers in thousands of barrels per day (kb/d)</i>	Supply	Demand
<i>Gas plant NGL propane production</i>	201	
<i>Refinery LPG propane production</i>	18	
<i>Inbound inter-regional transfers*</i>	-	
<i>International imports</i>	7	
<i>Supply adjustments**</i>	(4)	
<i>Domestic demand (all sectors)</i>		107
<i>Outbound inter-regional transfers***</i>		1
<i>International exports</i>		115
Total supply and demand	223	223

*propane transfers from other regions within Canada.

**includes stock variation and other adjustments such as cyclical billing variations, metering differences and losses in transportation.

***propane transfers to other regions within Canada.

British Columbia

<i>Item</i>	<i>Value</i>	<i>Units</i>
Propane in the energy mix		
<i>Propane's share of total regional energy demand</i>	0.7	per cent
<i>Other fuels</i>	99.3	per cent
<i>Region's share of total Canadian propane demand</i>	4.6	per cent
<i>Other regions</i>	95.4	per cent
Propane production		
<i>Region's share of Canadian propane production</i>	8.8	per cent
<i>Other regions</i>	91.2	per cent
<i>Gas plant NGL's share of regional propane production</i>	94.5	per cent
<i>Refinery LPG's share of regional propane production</i>	5.5	per cent
Propane demand by sector		
<i>Mining, oil and gas</i>	14.1	per cent
<i>Manufacturing and construction</i>	7.7	per cent
<i>Petrochemicals and producer's own-use</i>	7.3	per cent
<i>Commercial/institutional</i>	21.2	per cent
<i>Residential</i>	11.0	per cent
<i>Transportation</i>	37.0	per cent
<i>Agriculture</i>	1.8	per cent
Total	100.0	per cent
Sales by sector		
<i>Wholesale-level sales</i>	\$ 15	millions of \$2016
<i>Retail-level sales</i>	\$ 135	millions of \$2016
Domestic sales	\$ 150	millions of \$2016
<i>International export sales</i>	\$ 99	millions of \$2016
Total Sales	\$ 250	millions of \$2016
Economic footprint by sector		
GDP by sector		
<i>Oil and gas</i>	\$ 100	millions of \$2016
<i>Manufacturing</i>	\$ 11	millions of \$2016
<i>Transportation</i>	\$ 57	millions of \$2016
<i>Wholesale/retail trade</i>	\$ 20	millions of \$2016
<i>Financial services</i>	\$ 24	millions of \$2016
<i>Other sectors</i>	\$ 64	millions of \$2016
Total	\$ 275	millions of \$2016
Employment by sector		
<i>Oil and gas</i>	78	number of jobs
<i>Manufacturing</i>	91	number of jobs
<i>Transportation</i>	224	number of jobs

<i>Wholesale/retail trade</i>	289	number of jobs
<i>Financial services</i>	190	number of jobs
<i>Other sectors</i>	781	number of jobs
Total	1,653	number of jobs
Government revenues by type		
<i>Indirect taxes</i>	\$ 27	millions of \$2016
<i>Personal income taxes</i>	\$ 21	millions of \$2016
<i>Corporate income taxes</i>	\$ 16	millions of \$2016
<i>Other taxes</i>	\$ 3	millions of \$2016
<i>Royalties</i>	\$ 6	millions of \$2016
<i>Carbon tax</i>	\$ 11	millions of \$2016
Total	\$ 84	millions of \$2016
End-use stock/infrastructure		
<i>Estimated number of propane vehicles</i>	24,531	number
<i>Propane fueling stations</i>	147	number
<i>Number of households using propane as main fuel</i>	26,597	number
<i>Built commercial/institutional floor space using propane as main fuel ('000s of m²)</i>	1,516	thousands of m ²

Regional supply and demand balance

<i>all numbers in thousands of barrels per day (kb/d)</i>	Supply	Demand
<i>Gas plant NGL propane production</i>	18	
<i>Refinery LPG propane production</i>	1	
<i>Inbound inter-regional transfers*</i>	1	
<i>International imports</i>	0	
<i>Supply adjustments**</i>	(0)	
<i>Domestic demand (all sectors)</i>		4
<i>Outbound inter-regional transfers***</i>		-
<i>International exports</i>		16
Total supply and demand	20	20

*propane transfers from other regions within Canada.

**includes stock variation and other adjustments such as cyclical billing variations, metering differences and losses in transportation.

***propane transfers to other regions within Canada.

Alberta

<i>Item</i>	<i>Value</i>	<i>Units</i>
Propane in the energy mix		
<i>Propane's share of total regional energy demand</i>	2.3	per cent
<i>Other fuels</i>	97.7	per cent
<i>Region's share of total Canadian propane demand</i>	32.9	per cent
<i>Other regions</i>	67.1	per cent
Propane production		
<i>Region's share of Canadian propane production</i>	50.9	per cent
<i>Other regions</i>	49.1	per cent
<i>Gas plant NGL's share of regional propane production</i>	97.2	per cent
<i>Refinery LPG's share of regional propane production</i>	2.8	per cent
Propane demand by sector		
<i>Mining, oil and gas</i>	62.6	per cent
<i>Manufacturing and construction</i>	3.0	per cent
<i>Petrochemicals and producer's own-use</i>	12.2	per cent
<i>Commercial/institutional</i>	15.8	per cent
<i>Residential</i>	3.0	per cent
<i>Transportation</i>	2.7	per cent
<i>Agriculture</i>	0.6	per cent
Total	100.0	per cent
Sales by sector		
<i>Wholesale-level sales</i>	\$ 319	millions of \$2016
<i>Retail-level sales</i>	\$ 332	millions of \$2016
Domestic sales	\$ 652	millions of \$2016
<i>International export sales</i>	\$ 453	millions of \$2016
Total Sales	\$ 1,104	millions of \$2016
Economic footprint by sector		
GDP by sector		
<i>Oil and gas</i>	\$ 1,433	millions of \$2016
<i>Manufacturing</i>	\$ 115	millions of \$2016
<i>Transportation</i>	\$ 120	millions of \$2016
<i>Wholesale/retail trade</i>	\$ 119	millions of \$2016
<i>Financial services</i>	\$ 128	millions of \$2016
<i>Other sectors</i>	\$ 393	millions of \$2016
Total	\$ 2,308	millions of \$2016
Employment by sector		
<i>Oil and gas</i>	3,086	number of jobs
<i>Manufacturing</i>	310	number of jobs
<i>Transportation</i>	582	number of jobs

<i>Wholesale/retail trade</i>	1,133	number of jobs
<i>Financial services</i>	833	number of jobs
<i>Other sectors</i>	3,020	number of jobs
Total	8,963	number of jobs
Government revenues by type		
<i>Indirect taxes</i>	\$ 122	millions of \$2016
<i>Personal income taxes</i>	\$ 183	millions of \$2016
<i>Corporate income taxes</i>	\$ 95	millions of \$2016
<i>Other taxes</i>	\$ 23	millions of \$2016
<i>Royalties</i>	\$ 77	millions of \$2016
<i>Carbon tax</i>	\$ 8	millions of \$2016
Total	\$ 507	millions of \$2016
End-use stock/infrastructure		
<i>Estimated number of propane vehicles</i>	12,898	number
<i>Propane fueling stations</i>	171	number
<i>Number of households using propane as main fuel</i>	15,707	number
<i>Built commercial/institutional floor space using propane as main fuel ('000s of m²)</i>	5,278	thousands of m ²

Regional supply and demand balance

<i>all numbers in thousands of barrels per day (kb/d)</i>	Supply	Demand
<i>Gas plant NGL propane production</i>	109	
<i>Refinery LPG propane production</i>	3	
<i>Inbound inter-regional transfers*</i>	-	
<i>International imports</i>	0	
<i>Supply adjustments**</i>	(2)	
<i>Domestic demand (all sectors)</i>		33
<i>Outbound inter-regional transfers***</i>		21
<i>International exports</i>		56
Total supply and demand	110	110

*propane transfers from other regions within Canada.

**includes stock variation and other adjustments such as cyclical billing variations, metering differences and losses in transportation.

***propane transfers to other regions within Canada.

Saskatchewan

<i>Item</i>	<i>Value</i>	<i>Units</i>
Propane in the energy mix		
<i>Propane's share of total regional energy demand</i>	1.2	per cent
<i>Other fuels</i>	98.8	per cent
<i>Region's share of total Canadian propane demand</i>	4.7	per cent
<i>Other regions</i>	95.3	per cent
Propane production		
<i>Region's share of Canadian propane production</i>	5.2	per cent
<i>Other regions</i>	94.8	per cent
<i>Gas plant NGL's share of regional propane production</i>	63.9	per cent
<i>Refinery LPG's share of regional propane production</i>	36.1	per cent
Propane demand by sector		
<i>Mining, oil and gas</i>	73.5	per cent
<i>Manufacturing and construction</i>	1.1	per cent
<i>Petrochemicals and producer's own-use</i>	4.3	per cent
<i>Commercial/institutional</i>	12.8	per cent
<i>Residential</i>	5.1	per cent
<i>Transportation</i>	2.3	per cent
<i>Agriculture</i>	1.0	per cent
Total	100.0	per cent
Sales by sector		
<i>Wholesale-level sales</i>	\$ 40	millions of \$2016
<i>Retail-level sales</i>	\$ 53	millions of \$2016
Domestic sales	\$ 94	millions of \$2016
<i>International export sales</i>	\$ 91	millions of \$2016
Total Sales	\$ 184	millions of \$2016
Economic footprint by sector		
GDP by sector		
<i>Oil and gas</i>	\$ 121	millions of \$2016
<i>Manufacturing</i>	\$ 13	millions of \$2016
<i>Transportation</i>	\$ 44	millions of \$2016
<i>Wholesale/retail trade</i>	\$ 28	millions of \$2016
<i>Financial services</i>	\$ 7	millions of \$2016
<i>Other sectors</i>	\$ 25	millions of \$2016
Total	\$ 238	millions of \$2016
Employment by sector		
<i>Oil and gas</i>	56	number of jobs
<i>Manufacturing</i>	47	number of jobs
<i>Transportation</i>	160	number of jobs

<i>Wholesale/retail trade</i>	141	number of jobs
<i>Financial services</i>	59	number of jobs
<i>Other sectors</i>	242	number of jobs
Total	706	number of jobs
Government revenues by type		
<i>Indirect taxes</i>	\$ 18	millions of \$2016
<i>Personal income taxes</i>	\$ 10	millions of \$2016
<i>Corporate income taxes</i>	\$ 8	millions of \$2016
<i>Other taxes</i>	\$ 1	millions of \$2016
<i>Royalties</i>	\$ -	millions of \$2016
<i>Carbon tax</i>	\$ -	millions of \$2016
Total	\$ 37	millions of \$2016
End-use stock/infrastructure		
<i>Estimated number of propane vehicles</i>	743	number
<i>Propane fueling stations</i>	81	number
<i>Number of households using propane as main fuel</i>	1,444	number
<i>Built commercial/institutional floor space using propane as main fuel ('000s of m²)</i>	475	thousands of m ²

Regional supply and demand balance

<i>all numbers in thousands of barrels per day (kb/d)</i>	Supply	Demand
<i>Gas plant NGL propane production</i>	7	
<i>Refinery LPG propane production</i>	4	
<i>Inbound inter-regional transfers*</i>	2	
<i>International imports</i>	0	
<i>Supply adjustments**</i>	(0)	
<i>Domestic demand (all sectors)</i>		4
<i>Outbound inter-regional transfers***</i>		-
<i>International exports</i>		9
Total supply and demand	13	13

**propane transfers from other regions within Canada.*

***includes stock variation and other adjustments such as cyclical billing variations, metering differences and losses in transportation.*

****propane transfers to other regions within Canada.*

Manitoba

<i>Item</i>	<i>Value</i>	<i>Units</i>
Propane in the energy mix		
<i>Propane's share of total regional energy demand</i>	0.9	per cent
<i>Other fuels</i>	99.1	per cent
<i>Region's share of total Canadian propane demand</i>	1.9	per cent
<i>Other regions</i>	98.1	per cent
Propane production		
<i>Region's share of Canadian propane production</i>	-	per cent
<i>Other regions</i>	100.0	per cent
<i>Gas plant NGL's share of regional propane production</i>	n/a	per cent
<i>Refinery LPG's share of regional propane production</i>	n/a	per cent
Propane demand by sector		
<i>Mining, oil and gas</i>	36.2	per cent
<i>Manufacturing and construction</i>	12.9	per cent
<i>Petrochemicals and producer's own-use</i>	0.1	per cent
<i>Commercial/institutional</i>	26.2	per cent
<i>Residential</i>	5.9	per cent
<i>Transportation</i>	4.5	per cent
<i>Agriculture</i>	14.2	per cent
Total	100.0	per cent
Sales by sector		
<i>Wholesale-level sales</i>	\$ 10	millions of \$2016
<i>Retail-level sales</i>	\$ 50	millions of \$2016
Domestic sales	\$ 60	millions of \$2016
<i>International export sales</i>	\$ 67	millions of \$2016
Total Sales	\$ 127	millions of \$2016
Economic footprint by sector		
GDP by sector		
<i>Oil and gas</i>	\$ 16	millions of \$2016
<i>Manufacturing</i>	\$ 3	millions of \$2016
<i>Transportation</i>	\$ 20	millions of \$2016
<i>Wholesale/retail trade</i>	\$ 8	millions of \$2016
<i>Financial services</i>	\$ 5	millions of \$2016
<i>Other sectors</i>	\$ 10	millions of \$2016
Total	\$ 63	millions of \$2016
Employment by sector		
<i>Oil and gas</i>	7	number of jobs
<i>Manufacturing</i>	32	number of jobs
<i>Transportation</i>	77	number of jobs

Regional profiles

<i>Wholesale/retail trade</i>	67	number of jobs
<i>Financial services</i>	50	number of jobs
<i>Other sectors</i>	119	number of jobs
Total	352	number of jobs
Government revenues by type		
<i>Indirect taxes</i>	\$ 7	millions of \$2016
<i>Personal income taxes</i>	\$ 4	millions of \$2016
<i>Corporate income taxes</i>	\$ 3	millions of \$2016
<i>Other taxes</i>	\$ 1	millions of \$2016
<i>Royalties</i>	\$ -	millions of \$2016
<i>Carbon tax</i>	\$ -	millions of \$2016
Total	\$ 14	millions of \$2016
End-use stock/infrastructure		
<i>Estimated number of propane vehicles</i>	1,930	number
<i>Propane fueling stations</i>	60	number
<i>Number of households using propane as main fuel</i>	4,100	number
<i>Built commercial/institutional floor space using propane as main fuel ('000s of m²)</i>	399	thousands of m ²

n/a = not applicable

Regional supply and demand balance

<i>all numbers in thousands of barrels per day (kb/d)</i>	Supply	Demand
<i>Gas plant NGL propane production</i>	-	
<i>Refinery LPG propane production</i>	-	
<i>Inbound inter-regional transfers*</i>	9	
<i>International imports</i>	0	
<i>Supply adjustments**</i>	(0)	
<i>Domestic demand (all sectors)</i>		2
<i>Outbound inter-regional transfers***</i>		-
<i>International exports</i>		7
Total supply and demand	9	9

**propane transfers from other regions within Canada.*

***includes stock variation and other adjustments such as cyclical billing variations, metering differences and losses in transportation.*

***propane transfers to other regions within Canada.*

Ontario

<i>Item</i>	<i>Value</i>	<i>Units</i>
Propane in the energy mix		
<i>Propane's share of total regional energy demand</i>	2.0	per cent
<i>Other fuels</i>	98.0	per cent
<i>Region's share of total Canadian propane demand</i>	37.1	per cent
<i>Other regions</i>	62.9	per cent
Propane production		
<i>Region's share of Canadian propane production</i>	30.8	per cent
<i>Other regions</i>	69.2	per cent
<i>Gas plant NGL's share of regional propane production</i>	96.5	per cent
<i>Refinery LPG's share of regional propane production</i>	3.5	per cent
Propane demand by sector		
<i>Mining, oil and gas</i>	9.0	per cent
<i>Manufacturing and construction</i>	4.9	per cent
<i>Petrochemicals and producer's own-use</i>	28.4	per cent
<i>Commercial/institutional</i>	23.9	per cent
<i>Residential</i>	16.7	per cent
<i>Transportation</i>	10.7	per cent
<i>Agriculture</i>	6.4	per cent
Total	100.0	per cent
Sales by sector		
<i>Wholesale-level sales</i>	\$ 409	millions of \$2016
<i>Retail-level sales</i>	\$ 956	millions of \$2016
Domestic sales	\$ 1,365	millions of \$2016
<i>International export sales</i>	\$ 218	millions of \$2016
Total Sales	\$ 1,583	millions of \$2016
Economic footprint by sector		
GDP by sector		
<i>Oil and gas</i>	\$ 3	millions of \$2016
<i>Manufacturing</i>	\$ 97	millions of \$2016
<i>Transportation</i>	\$ 56	millions of \$2016
<i>Wholesale/retail trade</i>	\$ 56	millions of \$2016
<i>Financial services</i>	\$ 76	millions of \$2016
<i>Other sectors</i>	\$ 124	millions of \$2016
Total	\$ 412	millions of \$2016
Employment by sector		
<i>Oil and gas</i>	18	number of jobs
<i>Manufacturing</i>	309	number of jobs
<i>Transportation</i>	456	number of jobs

<i>Wholesale/retail trade</i>	774	number of jobs
<i>Financial services</i>	610	number of jobs
<i>Other sectors</i>	1,481	number of jobs
Total	3,649	number of jobs
Government revenues by type		
<i>Indirect taxes</i>	\$ 95	millions of \$2016
<i>Personal income taxes</i>	\$ 44	millions of \$2016
<i>Corporate income taxes</i>	\$ 28	millions of \$2016
<i>Other taxes</i>	\$ 6	millions of \$2016
<i>Royalties</i>	\$ -	millions of \$2016
<i>Carbon tax</i>	\$ -	millions of \$2016
Total	\$ 174	millions of \$2016
End-use stock/infrastructure		
<i>Estimated number of propane vehicles</i>	51,343	number
<i>Propane fueling stations</i>	89	number
<i>Number of households using propane as main fuel</i>	60,135	number
<i>Built commercial/institutional floor space using propane as main fuel ('000s of m²)</i>	11,595	thousands of m ²

Regional supply and demand balance

<i>all numbers in thousands of barrels per day (kb/d)</i>	Supply	Demand
<i>Gas plant NGL propane production</i>	65	
<i>Refinery LPG propane production</i>	2	
<i>Inbound inter-regional transfers*</i>	-	
<i>International imports</i>	5	
<i>Supply adjustments**</i>	(1)	
<i>Domestic demand (all sectors)</i>		46
<i>Outbound inter-regional transfers***</i>		4
<i>International exports</i>		22
Total supply and demand	72	72

*propane transfers from other regions within Canada.

**includes stock variation and other adjustments such as cyclical billing variations, metering differences and losses in transportation.

***propane transfers to other regions within Canada.

Quebec

<i>Item</i>	<i>Value</i>	<i>Units</i>
Propane in the energy mix		
<i>Propane's share of total regional energy demand</i>	1.1	per cent
<i>Other fuels</i>	98.9	per cent
<i>Region's share of total Canadian propane demand</i>	13.2	per cent
<i>Other regions</i>	86.8	per cent
Propane production		
<i>Region's share of Canadian propane production</i>	1.5	per cent
<i>Other regions</i>	98.5	per cent
<i>Gas plant NGL's share of regional propane production</i>	-	per cent
<i>Refinery LPG's share of regional propane production</i>	100.0	per cent
Propane demand by sector		
<i>Mining, oil and gas</i>	0.2	per cent
<i>Manufacturing and construction</i>	11.0	per cent
<i>Petrochemicals and producer's own-use</i>	0.5	per cent
<i>Commercial/institutional</i>	45.0	per cent
<i>Residential</i>	9.5	per cent
<i>Transportation</i>	4.6	per cent
<i>Agriculture</i>	29.2	per cent
Total	100.0	per cent
Sales by sector		
<i>Wholesale-level sales</i>	\$ 29	millions of \$2016
<i>Retail-level sales</i>	\$ 490	millions of \$2016
Domestic sales	\$ 519	millions of \$2016
<i>International export sales</i>	\$ 45	millions of \$2016
Total Sales	\$ 564	millions of \$2016
Economic footprint by sector		
GDP by sector		
<i>Oil and gas</i>	\$ 1	millions of \$2016
<i>Manufacturing</i>	\$ 23	millions of \$2016
<i>Transportation</i>	\$ 32	millions of \$2016
<i>Wholesale/retail trade</i>	\$ 18	millions of \$2016
<i>Financial services</i>	\$ 19	millions of \$2016
<i>Other sectors</i>	\$ 41	millions of \$2016
Total	\$ 134	millions of \$2016
Employment by sector		
<i>Oil and gas</i>	3	number of jobs
<i>Manufacturing</i>	140	number of jobs
<i>Transportation</i>	215	number of jobs

<i>Wholesale/retail trade</i>	251	number of jobs
<i>Financial services</i>	190	number of jobs
<i>Other sectors</i>	488	number of jobs
Total	1,286	number of jobs
Government revenues by type		
<i>Indirect taxes</i>	\$ 29	millions of \$2016
<i>Personal income taxes</i>	\$ 17	millions of \$2016
<i>Corporate income taxes</i>	\$ 8	millions of \$2016
<i>Other taxes</i>	\$ 3	millions of \$2016
<i>Royalties</i>	\$ -	millions of \$2016
<i>Carbon tax</i>	\$ 12	millions of \$2016
Total	\$ 68	millions of \$2016
End-use stock/infrastructure		
<i>Estimated number of propane vehicles</i>	3,673	number
<i>Propane fueling stations</i>	176	number
<i>Number of households using propane as main fuel</i>	4,342	number
<i>Built commercial/institutional floor space using propane as main fuel ('000s of m²)</i>	6,523	thousands of m ²

Regional supply and demand balance

<i>all numbers in thousands of barrels per day (kb/d)</i>	Supply	Demand
<i>Gas plant NGL propane production</i>	-	
<i>Refinery LPG propane production</i>	3	
<i>Inbound inter-regional transfers*</i>	12	
<i>International imports</i>	1	
<i>Supply adjustments**</i>	(0)	
<i>Domestic demand (all sectors)</i>		12
<i>Outbound inter-regional transfers***</i>		-
<i>International exports</i>		5
Total supply and demand	16	16

*propane transfers from other regions within Canada.

**includes stock variation and other adjustments such as cyclical billing variations, metering differences and losses in transportation.

***propane transfers to other regions within Canada.

Atlantic Canada

<i>Item</i>	<i>Value</i>	<i>Units</i>
Propane in the energy mix		
<i>Propane's share of total regional energy demand</i>	1.5	per cent
<i>Other fuels</i>	98.5	per cent
<i>Region's share of total Canadian propane demand</i>	5.1	per cent
<i>Other regions</i>	94.9	per cent
Propane production		
<i>Region's share of Canadian propane production</i>	2.8	per cent
<i>Other regions</i>	97.2	per cent
<i>Gas plant NGL's share of regional propane production</i>	28.4	per cent
<i>Refinery LPG's share of regional propane production</i>	71.6	per cent
Propane demand by sector		
<i>Mining, oil and gas</i>	3.4	per cent
<i>Manufacturing and construction</i>	22.2	per cent
<i>Petrochemicals and producer's own-use</i>	2.1	per cent
<i>Commercial/institutional</i>	51.0	per cent
<i>Residential</i>	19.0	per cent
<i>Transportation</i>	1.1	per cent
<i>Agriculture</i>	1.2	per cent
Total	100.0	per cent
Sales by sector		
<i>Wholesale-level sales</i>	\$ 27	millions of \$2016
<i>Retail-level sales</i>	\$ 160	millions of \$2016
Domestic sales	\$ 187	millions of \$2016
<i>International export sales</i>	\$ 9	millions of \$2016
Total Sales	\$ 196	millions of \$2016
Economic footprint by sector		
GDP by sector		
<i>Oil and gas</i>	\$ 23	millions of \$2016
<i>Manufacturing</i>	\$ 4	millions of \$2016
<i>Transportation</i>	\$ 6	millions of \$2016
<i>Wholesale/retail trade</i>	\$ 7	millions of \$2016
<i>Financial services</i>	\$ 6	millions of \$2016
<i>Other sectors</i>	\$ 18	millions of \$2016
Total	\$ 64	millions of \$2016
Employment by sector		
<i>Oil and gas</i>	50	number of jobs
<i>Manufacturing</i>	41	number of jobs
<i>Transportation</i>	76	number of jobs

<i>Wholesale/retail trade</i>	103	number of jobs
<i>Financial services</i>	55	number of jobs
<i>Other sectors</i>	245	number of jobs
Total	569	number of jobs
Government revenues by type		
<i>Indirect taxes</i>	\$ 10	millions of \$2016
<i>Personal income taxes</i>	\$ 6	millions of \$2016
<i>Corporate income taxes</i>	\$ 3	millions of \$2016
<i>Other taxes</i>	\$ 1	millions of \$2016
<i>Royalties</i>	\$ 0	millions of \$2016
<i>Carbon tax</i>	\$ -	millions of \$2016
Total	\$ 20	millions of \$2016
End-use stock/infrastructure		
<i>Estimated number of propane vehicles</i>	432	number
<i>Propane fueling stations</i>	10	number
<i>Number of households using propane as main fuel</i>	17,475	number
<i>Built commercial/institutional floor space using propane as main fuel ('000s of m²)</i>	2,910	thousands of m ²

Regional supply and demand balance

<i>all numbers in thousands of barrels per day (kb/d)</i>	Supply	Demand
<i>Gas plant NGL propane production</i>	2	
<i>Refinery LPG propane production</i>	4	
<i>Inbound inter-regional transfers*</i>	-	
<i>International imports</i>	0	
<i>Supply adjustments**</i>	(0)	
<i>Domestic demand (all sectors)</i>		5
<i>Outbound inter-regional transfers***</i>		0
<i>International exports</i>		1
Total supply and demand	6	6

**propane transfers from other regions within Canada.*

***includes stock variation and other adjustments such as cyclical billing variations, metering differences and losses in transportation.*

***propane transfers to other regions within Canada.*

Northern Territories

<i>Item</i>	<i>Value</i>	<i>Units</i>
Propane in the energy mix		
<i>Propane's share of total regional energy demand</i>	2.3	per cent
<i>Other fuels</i>	97.7	per cent
<i>Region's share of total Canadian propane demand</i>	0.6	per cent
<i>Other regions</i>	99.4	per cent
Propane production		
<i>Region's share of Canadian propane production</i>	-	per cent
<i>Other regions</i>	100.0	per cent
<i>Gas plant NGL's share of regional propane production</i>	n/a	per cent
<i>Refinery LPG's share of regional propane production</i>	n/a	per cent
Propane demand by sector		
<i>Mining, oil and gas</i>	31.8	per cent
<i>Manufacturing and construction</i>	1.3	per cent
<i>Petrochemicals and producer's own-use</i>	-	per cent
<i>Commercial/institutional</i>	40.4	per cent
<i>Residential</i>	22.6	per cent
<i>Transportation</i>	3.8	per cent
<i>Agriculture</i>	-	per cent
Total	100.0	per cent
Sales by sector		
<i>Wholesale-level sales</i>	\$ 2	millions of \$2016
<i>Retail-level sales</i>	\$ 19	millions of \$2016
Domestic sales	\$ 21	millions of \$2016
<i>International export sales</i>	\$ 0	millions of \$2016
Total Sales	\$ 21	millions of \$2016
Economic footprint by sector		
GDP by sector		
<i>Oil and gas</i>	\$ 2	millions of \$2016
<i>Manufacturing</i>	\$ 0	millions of \$2016
<i>Transportation</i>	\$ 1	millions of \$2016
<i>Wholesale/retail trade</i>	\$ 0	millions of \$2016
<i>Financial services</i>	\$ 0	millions of \$2016
<i>Other sectors</i>	\$ 1	millions of \$2016
Total	\$ 5	millions of \$2016
Employment by sector		
<i>Oil and gas</i>	1	number of jobs
<i>Manufacturing</i>	0	number of jobs
<i>Transportation</i>	6	number of jobs

<i>Wholesale/retail trade</i>	3	number of jobs
<i>Financial services</i>	2	number of jobs
<i>Other sectors</i>	6	number of jobs
Total	18	number of jobs
Government revenues by type		
<i>Indirect taxes</i>	\$ 1	millions of \$2016
<i>Personal income taxes</i>	\$ 0	millions of \$2016
<i>Corporate income taxes</i>	\$ 0	millions of \$2016
<i>Other taxes</i>	\$ 0	millions of \$2016
<i>Royalties</i>	\$ -	millions of \$2016
<i>Carbon tax</i>	\$ -	millions of \$2016
Total	\$ 1	millions of \$2016
End-use stock/infrastructure		
<i>Estimated number of propane vehicles</i>	329	number
<i>Propane fueling stations</i>	5	number
<i>Number of households using propane as main fuel</i>	4,369	number
<i>Built commercial/institutional floor space using propane as main fuel ('000s of m²)</i>	357	thousands of m ²

n/a = not applicable

Regional supply and demand balance

<i>all numbers in thousands of barrels per day (kb/d)</i>	Supply	Demand
<i>Gas plant NGL propane production</i>	-	
<i>Refinery LPG propane production</i>	-	
<i>Inbound inter-regional transfers*</i>	1	
<i>International imports</i>	-	
<i>Supply adjustments**</i>	-	
<i>Domestic demand (all sectors)</i>		1
<i>Outbound inter-regional transfers***</i>		-
<i>International exports</i>		0
Total supply and demand	1	1

**propane transfers from other regions within Canada.*

***includes stock variation and other adjustments such as cyclical billing variations, metering differences and losses in transportation.*

****propane transfers to other regions within Canada.*

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The Conference Board
of Canada

255 Smyth Road, Ottawa ON

K1H 8M7 Canada

Tel. 613-526-3280

Fax 613-526-4857

Inquiries 1-866-711-2262

conferenceboard.ca

