Gasoline Report

a weekly summary

Ontario

FOR THE WEEK ENDING APRIL 30, 2018

- **Higher North American wholesale prices helped push up the Ontario retail price of regular unleaded gasoline by 1.1 cents to 135.8 cents a litre, the highest since July 2014.** Prices rose by 3.9 cents in Windsor (to a 46-month high), 2.7 cents in Thunder Bay and Timmins (both to a 44-month high), 1.6 cents in Ottawa (to a 46-month high), 1.2 cents in Toronto (to a 46-month high), and 1.0 cents in London (to a 46-month high). Prices fell by 6.7 cents in Sudbury (from a 43-month high), 2.3 cents in North Bay, and 1.0 cents in Sault Ste. Marie (from a 43-month high). North Bay had the lowest average price for the second straight week. The Northern Ontario price was lower than the Southern price for the sixth week in seven weeks. The Ontario average retail diesel price increased by 1.5 cents to 125.2 cents, the highest since September 2014. **The Canadian average retail regular unleaded gasoline price increased by 0.5 cents to 138.7 cents, the highest since July 2014.** Prices rose by 4.6 cents in Charlottetown (to a 43-month high), 3.6 cents in Vancouver (to a record high), 2.8 cents in Halifax (to a 43-month high), 2.0 cents in St. John's (to a 12-month high), 1.9 cents in Saint John (to a 43-month high), 1.6 cents in Winnipeg (to a 46-month high), and less than a cent in Edmonton (to a 59-month high) and Toronto (to a 46-month high). Prices fell by 1.7 cents in Montreal (from a 46-month high) and less than a cent in Calgary (from a 59-month high) and Quebec City. The Canadian average retail diesel price increased by 1.9 cents to 128.5 cents, the highest since December 2014.

- **Growth in electric vehicles and improving efficiency of conventional vehicles will likely lead to liquid fuel use in the world's light-duty vehicle (LDV) fleet peaking by 2030, says ExxonMobil's *Outlook for Energy: A View to 2040*.** However, even if every LDV in the world was fully electric by 2040, world oil demand could still be similar to that in 2013, because of growing demand from commercial transportation and the chemical industry. Transportation energy demand will grow by nearly 30% by 2040 as LDV miles travelled increase by 60% to 14 trillion, while at the same time new LDV fuel economy worldwide improves from about 30 miles per gallon to nearly 50 mpg. Growth in transportation energy demand will account for about 60% of the growth in liquid fuel demand. Full hybrids, plug-in hybrids, and battery electric vehicles will see their share of world LDV sales rise from 3% in 2016 to nearly 40% in 2040. If current trends in consumer preferences in favour of larger, heavier vehicles persist, this could increase liquid fuel demand by more than 2 million barrels a day by 2040. Oil will remain the world's leading energy source, and oil and natural gas will account for 55% of world energy demand in 2040. To limit global warming to 2^{o}C above preindustrial levels by 2100, world energy demand grows by 0.5%, oil demand declines by 0.4%, natural gas demand rises by 0.9%, coal demand falls by 2.4%, and renewable demand increases by 4.5%, annually. World oil demand will decline to 78 million b/d and natural gas demand will increase to 445 billion cubic feet per day by 2040 (http://cdn.exxonmobil.com/~/media/global/files/energy-and-environment/2018-energy-and-carbon-summary.pdf, http://corporate.exxonmobil.com/en/energy/energy-outlook?utm_campaign=eo2017&utm_source=print&utm_medium=offline, Green Car Congress).

- **Trillium CNG, a leading supplier of compressed natural gas vehicle fuelling infrastructure, plans to expand into hydrogen fuelling, reflecting the diversification of customer needs, products and services within the transportation industry.** Trillium's first project will be to design, build and maintain a hydrogen fuelling station for the Orange County Transportation Agency's (OCTA) facility in Santa Ana, California. The station will refuel 10 fuel cell electric buses with about 35 kilograms of hydrogen per bus in 6-10 minutes; the station has been designed to eventually accommodate 50 fuel cell buses. Air Products and Chemicals will provide the hydrogen. Trillium also plans to branch out into electric vehicle charging, among other things (Green Car Congress).

- **The San Diego Metropolitan Transit System (MTS) has ordered up to 50 sixty-foot New Flyer Xcelsior compressed natural gas heavy-duty transit buses to replace older buses over the next five years.** Seventeen of the articulated buses will be used in a new bus rapid transit service that will commence later this year. MTS already has 220 forty-foot CNG New Flyer buses and 70 sixty-foot CNG articulated New Flyer buses in service. Also, the Fort Worth Transportation Authority in Texas has ordered up to 46 sixty-foot Xcelsior CNG buses. New Flyer is a Winnipeg, Manitoba-based bus manufacturer (Green Car Congress).

Retail Prices

Regular Unleaded Gasoline
(Canadian Cents/Litre)

Ontario	**Apr 23**	**Apr 30**	**+/-**
Ottawa	133.5	135.1	1.6
Toronto West	136.0	137.1	1.1
Toronto East	135.4	136.7	1.3
Windsor	129.1	133.0	3.9
London	133.7	134.7	1.0
Sudbury	133.6	126.9	-6.7
Sault Ste. Marie	134.4	133.4	-1.0
Thunder Bay	138.5	141.2	2.7
North Bay	126.6	124.3	-2.3
Timmins	137.2	139.9	2.7
Ontario Average	*134.7*	*135.8*	*1.1*

Canada	**Apr 24**	**May 1**	**+/-**
St. John's, Nfld	131.6	133.6	2.0
Charlottetown	125.4	130.0	4.6
Halifax	125.0	127.8	2.8
Saint John, N.B.	123.9	125.8	1.9
Quebec City	134.7	134.3	-0.4
Montreal	144.9	143.2	-1.7
Toronto	136.5	136.9	0.4
Winnipeg	125.9	127.5	1.6
Regina	120.9	120.9	0.0
Edmonton	125.4	126.2	0.8
Calgary	129.2	128.3	-0.9
Vancouver	157.5	161.1	3.6
Canada Average	*138.2*	*138.7*	*0.5*

Source: Ministry of Energy; Kent Group Ltd.

Rack & Spot Prices

Regular Unleaded Gasoline
(Canadian Cents/Litre, Ex-Tax)

Date	**Toronto Rack**	**New York Spot Barge**	**Differ-ential**	**Exchange (U.S.¢)**
Apr 20	83.75	69.08	14.67	78.57
Apr 27	85.35	70.52	14.83	77.78

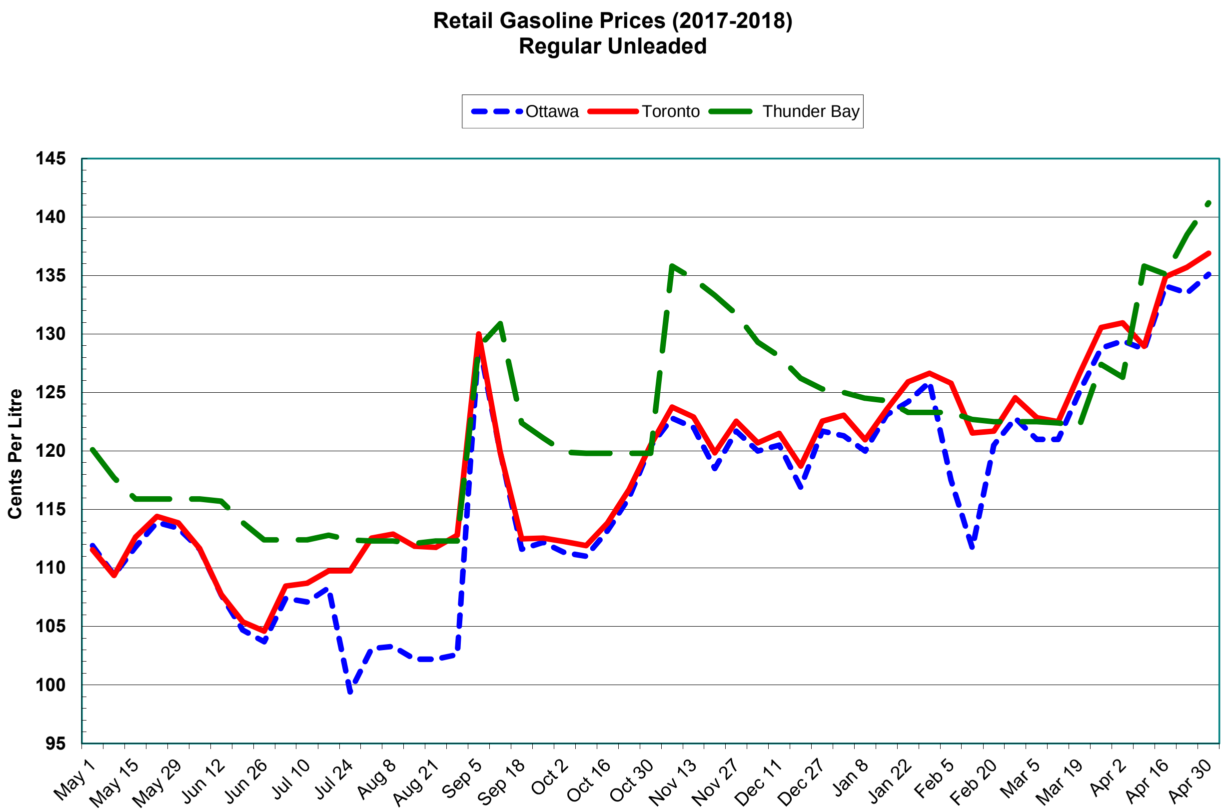
Source: Bloomberg Oil Buyer's Guide; Oil Price Information Service; Bank of Canada

Futures Prices

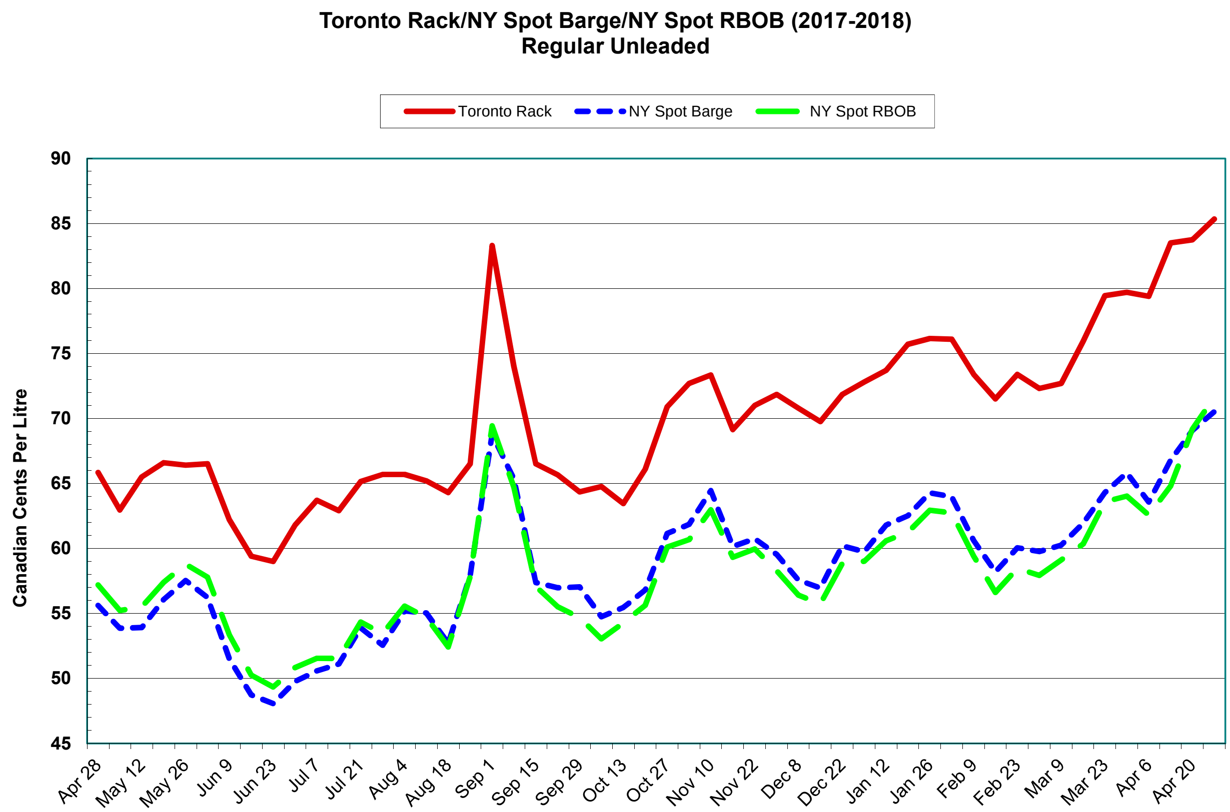
Petroleum Futures Prices

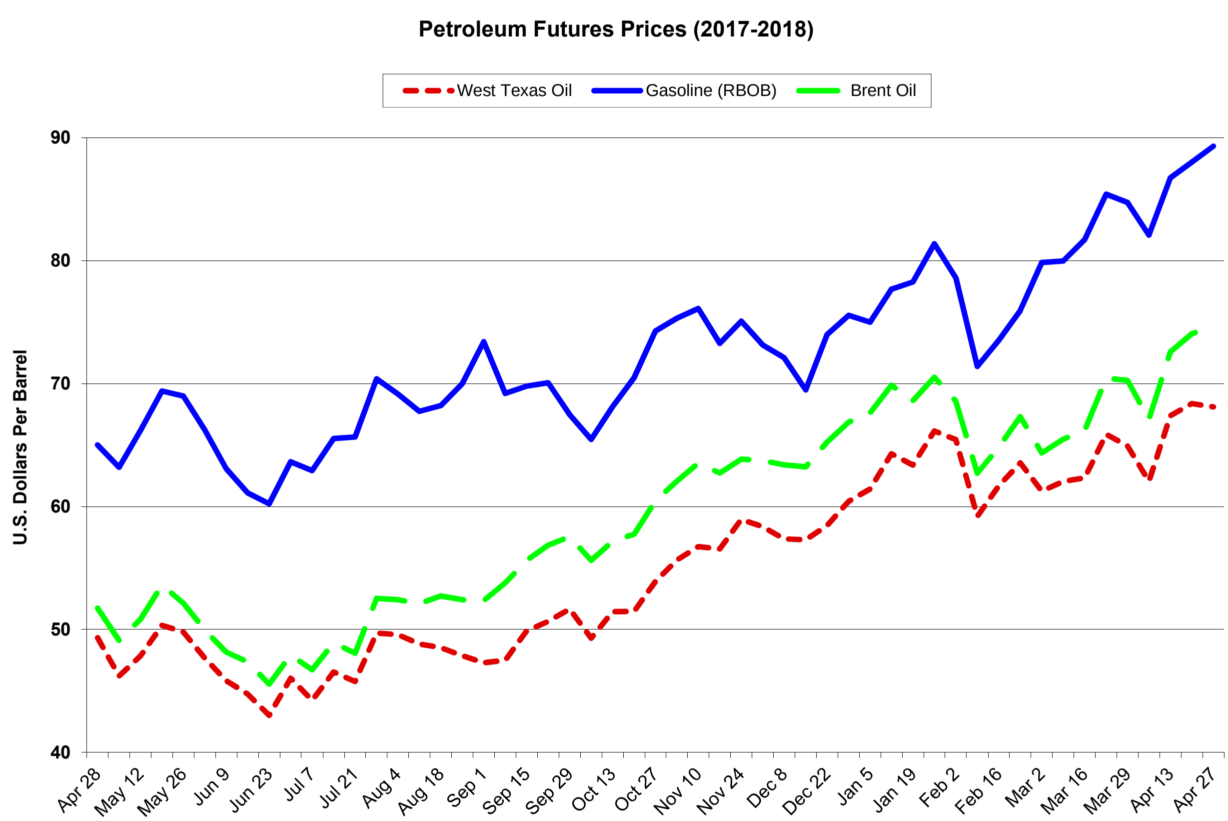
Date	**WTI Crude (NY) (US$/bbl)**	**Reg.Unleaded RBOB (NY) (US¢/USgal)**	**Crack Spread (US$/bbl)**
Apr 20	68.38	209.59	19.65
Apr 27	68.10	212.69	21.23

Source: CME Group (NYMEX)



Retail Gasoline Prices (2017-2018)
Regular Unleaded
Ottawa
Toronto
Thunder Bay
Cents Per Litre
145
140
135
130
125
120
115
110
105
100
95
May 1
May 15
May 29
Jun 12
Jun 26
Jul 10
Jul 24
Aug 8
Aug 21
Sep 5
Sep 18
Oct 2
Oct 16
Oct 30
Nov 13
Nov 27
Dec 11
Dec 27
Jan 8
Jan 22
Feb 5
Feb 20
Mar 5
Mar 19
Apr 2
Apr 16
Apr 30


Toronto Rack/NY Spot Barge/NY Spot RBOB (2017-2018)
Regular Unleaded
Toronto Rack
NY Spot Barge
NY Spot RBOB
Canadian Cents Per Litre
90
85
80
75
70
65
60
55
50
45
Apr 28
May 12
May 26
Jun 9
Jun 23
Jul 7
Jul 21
Aug 4
Aug 18
Sep 1
Sep 15
Sep 29
Oct 13
Oct 27
Nov 10
Nov 22
Dec 8
Dec 22
Jan 12
Jan 26
Feb 9
Feb 23
Mar 9
Mar 23
Apr 6
Apr 20


Petroleum Futures Prices (2017-2018)
West Texas Oil
Gasoline (RBOB)
Brent Oil
U.S. Dollars Per Barrel
90
80
70
60
50
40
Apr 28
May 12
May 26
Jun 9
Jun 23
Jul 7
Jul 21
Aug 4
Aug 18
Sep 1
Sep 15
Sep 29
Oct 13
Oct 27
Nov 10
Nov 24
Dec 8
Dec 22
Jan 5
Jan 19
Feb 2
Feb 16
Mar 2
Mar 16
Mar 29
Apr 13
Apr 27