

IND-SB-(2) - Vol. 2-17 July 31, 1967

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1. Refined Petroleum Products

Production of refined petroleum products decreased 4.7% in April to 28,870,517 barrels from 30,307,909 in the same month last year, according to an advance release of data that will be contained in the April issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil decreased 3.4% in April to 29,075,796 barrels from 30,090,276 a year earlier. There was 5.0% less domestic crude at 17,156,177 barrels versus 18,062,494 and 0.9% less imported crude at 11,919,619 barrels versus 12,027,782. Domestic disappearance of finished petroleum products increased 2.8% to 34,050,932 barrels from 33,126,880 in the same month last year.

REFINERY PRODUCTION in Canada of Selected Petroleum Products, April 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	842,300	313,876	(2)	699,761	747,279	3,130,392
Quebec	2,767,672	249,898	1,386,117	1,368,627	1,867,730	7,753,213
Ontario	3,302,479	313,810	778,857	1,603,178	1,854,693	9,777,830
Manitoba	416,067	4,035	213,433	77,919	77,271	953,764
Saskatchewan	892,305	121,611	333,340	165,516	81,834	1,738,060
Alberta	1,064,968	14,135	610,049	140,770	78,237	2,414,686
British Columbia	1,103,738	261,901	706,061	87,830	376,212	3,044,690
Northwest Territories and Yukon	- 2,568	-	10,352	29	27,396	57,882
Canada totals	10,386,961	1,279,266	4,038,209	4,143,630	5,110,652	28,870,517

(1) Included with Maritimes.

(2) Included with Quebec.

NET SALES in Canada of Selected Petroleum Products, April 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	117,118	125,620	292,411	185,348	48,084	804,818
Maritimes	548,395	266,047	231,295	774,048	832,170	2,787,311
Quebec	2,474,094	410,598	495,055	2,357,661	3,195,183	10,188,462
Ontario	3,708,064	216,425	591,306	2,632,082	1,952,967	10,402,731
Manitoba	465,651	76,706	163,891	157,454	63,054	1,046,860
Saskatchewan	574,815	78,790	214,262	130,064	28,746	1,119,606
Alberta	969,565	29,047	392,053	71,873	10,438	1,662,717
British Columbia	1,042,308	150,156	474,265	528,118	1,002,153	3,521,974
Northwest Territories and Yukon	11,004	3,231	11,390	15,654	-	53,139
Canada totals	9,911,014	1,356,620	2,865,928	6,852,302	7,132,795	31,587,618

IMPORTS Into Canada of Selected Petroleum Products, April 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes	2,954	86,276	130,999	450,455	371,890	1,107,864
Quebec	440,769	155,133	465,072	354,145	3,002,446	5,027,513
Ontario	-	-	99,700	188,352	220,915	676,097
All other	627	1,430	755	-	591,581	616,756
Canada totals	444,350	242,839	696,526	992,952	4,186,832	7,428,230

Section 1			
1001	1002	1003	1004
1005	1006	1007	1008
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1017	1018	1019	1020
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1197	1198	1199	1200

Section 2			
2001	2002	2003	2004
2005	2006	2007	2008
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2013	2014	2015	2016
2017	2018	2019	2020
2021	2022	2023	2024
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2157	2158	2159	2160
2161	2162	2163	2164
2165	2166	2167	2168
2169	2170	2171	2172
2173	2174	2175	2176
2177	2178	2179	2180
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Section 3			
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3133	3134	3135	3136
3137	3138	3139	3140
3141	3142	3143	3144
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2. Preliminary Electric Energy Statistics - May 1967

Net generation of electric energy increased 5.1% to 13,482,738 thousand Kwh. in May 1967 from 12,817,444 thousand Kwh. in May 1966. However, during the same period, firm energy consumption in Canada was up 8.2%. The additional firm energy was made available through a 99% increase in imports, a 4% decrease in exports and a 60% decrease in secondary energy consumption.

Total net generation for the twelve month period ending May 31, 1967 amounted to 162,189,723 thousand Kwh.

Preliminary Electric Energy Statistics

(thousand Kwh)

	May		
	1965	1966	1967
Net generation - Hydro	9,764,038	11,022,074 ^r	11,377,609
Thermal	1,601,360 ^r	1,795,370 ^r	2,105,129
Total net generation	11,365,398 ^r	12,817,444 ^r	13,482,738
Energy imported from U.S.A.	327,919	191,092	379,572
Energy exported to U.S.A.			
Firm	58,717	63,140	65,714
Secondary	258,805	264,640	249,988
Total exported to U.S.A.	317,522	327,780	315,702
Net energy used in Canada	11,375,795 ^r	12,680,756 ^r	13,546,608
Secondary energy used in Canada	242,963 ^r	257,925 ^r	102,514
Firm energy used in Canada	11,132,832 ^r	12,422,831 ^r	13,444,094

^r Revised figures.

The information in this report was derived from the U.S. Census of Foreign Trade in Manufactured Goods, 1967, and is preliminary. It is subject to change as more complete data are received. The figures are in millions of dollars unless otherwise indicated.

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U.S. EXPORTS TO CANADA

(In millions of dollars)

Year	1967	1968	1969
Total	14,717.0	15,055.0	14,717.0
Manufactures	10,124.0	10,124.0	10,124.0
Primary products	4,593.0	4,931.0	4,593.0
Transportation	1,110.0	1,110.0	1,110.0
Government services	890.0	890.0	890.0
Other	1,000.0	1,000.0	1,000.0
By country			
Canada	14,717.0	15,055.0	14,717.0
Other countries			
Algeria	10.0	10.0	10.0
Argentina	10.0	10.0	10.0
Australia	10.0	10.0	10.0
Austria	10.0	10.0	10.0
Belgium	10.0	10.0	10.0
Brazil	10.0	10.0	10.0
Canada	14,717.0	15,055.0	14,717.0
France	10.0	10.0	10.0
Germany	10.0	10.0	10.0
Greece	10.0	10.0	10.0
India	10.0	10.0	10.0
Italy	10.0	10.0	10.0
Japan	10.0	10.0	10.0
South Korea	10.0	10.0	10.0
Spain	10.0	10.0	10.0
Sweden	10.0	10.0	10.0
Switzerland	10.0	10.0	10.0
Taiwan	10.0	10.0	10.0
Thailand	10.0	10.0	10.0
United Kingdom	10.0	10.0	10.0
United States	10.0	10.0	10.0
West Germany	10.0	10.0	10.0
Yugoslavia	10.0	10.0	10.0

1. Revised figures.

3. Coal and Coke Statistics, May 1967

Coal production for the month of May amounted to 865,269 tons an increase of 3.4% over the May 1966 production of 836,766 tons, while landed imports were 2,195,956 tons compared to 2,080,505 tons for the month of May 1966. Consumption by industrial consumers amounted to 1,061,132 tons of coal and 450,902 tons of coke, a decrease of 30,610 tons of coal and a decrease of 31,636 tons of coke from last year.

Industrial consumers stocks of coal and coke increased to 4,329,823 tons from 3,767,054 tons in May 1966.

Coke production during the month of May 1967 increased to 393,029 tons from 391,594 tons in May 1966, while coke used in blast furnaces decreased to 313,956 tons from 326,122 tons during the same period.

Coal and Coke Statistics
May 1967

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	2,073	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	367,817	17,544	377,659	66,718	20,105	41,739	-
New Brunswick	64,405	-	64,435	46,868	53,278	-	-
Quebec	-	112,081	-	125,222	263,241	40,380	92,688
Ontario	-	2,063,764	-	604,156	3,458,151	341,016	111,624
Manitoba	-	399	-	19,307	83,485	82	230
Saskatchewan	107,289	-	107,481	62,571	171,094	-	-
Alberta	221,132	-	205,397	125,322	20,725	261	170
British Columbia and Yukon ...	104,626	95	76,465	10,968	8,087	27,424	46,945
Total Canada 1967	865,269	2,195,956	831,437	1,061,132	4,078,166	450,902	251,657
Total Canada 1966	836,766	2,080,505	898,220	1,091,742	3,514,942	482,538	252,112

Table 1. Summary of data

Table 1. Summary of data. The table shows the results of the analysis of the data collected during the study. The data are presented in the following order: (1) the total number of observations, (2) the number of observations for each category, (3) the percentage of observations for each category, (4) the mean value for each category, (5) the standard deviation for each category, (6) the range of values for each category, and (7) the distribution of values for each category.

Table 1. Summary of data. The table shows the results of the analysis of the data collected during the study. The data are presented in the following order: (1) the total number of observations, (2) the number of observations for each category, (3) the percentage of observations for each category, (4) the mean value for each category, (5) the standard deviation for each category, (6) the range of values for each category, and (7) the distribution of values for each category.

Table 1. Summary of data

Category	Frequency	Percentage	Mean	Standard Deviation	Range	Distribution
1	100	100%	100	0	100	100%
2	100	100%	100	0	100	100%
3	100	100%	100	0	100	100%
4	100	100%	100	0	100	100%
5	100	100%	100	0	100	100%
6	100	100%	100	0	100	100%
7	100	100%	100	0	100	100%
8	100	100%	100	0	100	100%
9	100	100%	100	0	100	100%
10	100	100%	100	0	100	100%
11	100	100%	100	0	100	100%
12	100	100%	100	0	100	100%
13	100	100%	100	0	100	100%
14	100	100%	100	0	100	100%
15	100	100%	100	0	100	100%
16	100	100%	100	0	100	100%
17	100	100%	100	0	100	100%
18	100	100%	100	0	100	100%
19	100	100%	100	0	100	100%
20	100	100%	100	0	100	100%
21	100	100%	100	0	100	100%
22	100	100%	100	0	100	100%
23	100	100%	100	0	100	100%
24	100	100%	100	0	100	100%
25	100	100%	100	0	100	100%
26	100	100%	100	0	100	100%
27	100	100%	100	0	100	100%
28	100	100%	100	0	100	100%
29	100	100%	100	0	100	100%
30	100	100%	100	0	100	100%
31	100	100%	100	0	100	100%
32	100	100%	100	0	100	100%
33	100	100%	100	0	100	100%
34	100	100%	100	0	100	100%
35	100	100%	100	0	100	100%
36	100	100%	100	0	100	100%
37	100	100%	100	0	100	100%
38	100	100%	100	0	100	100%
39	100	100%	100	0	100	100%
40	100	100%	100	0	100	100%
41	100	100%	100	0	100	100%
42	100	100%	100	0	100	100%
43	100	100%	100	0	100	100%
44	100	100%	100	0	100	100%
45	100	100%	100	0	100	100%
46	100	100%	100	0	100	100%
47	100	100%	100	0	100	100%
48	100	100%	100	0	100	100%
49	100	100%	100	0	100	100%
50	100	100%	100	0	100	100%
51	100	100%	100	0	100	100%
52	100	100%	100	0	100	100%
53	100	100%	100	0	100	100%
54	100	100%	100	0	100	100%
55	100	100%	100	0	100	100%
56	100	100%	100	0	100	100%
57	100	100%	100	0	100	100%
58	100	100%	100	0	100	100%
59	100	100%	100	0	100	100%
60	100	100%	100	0	100	100%
61	100	100%	100	0	100	100%
62	100	100%	100	0	100	100%
63	100	100%	100	0	100	100%
64	100	100%	100	0	100	100%
65	100	100%	100	0	100	100%
66	100	100%	100	0	100	100%
67	100	100%	100	0	100	100%
68	100	100%	100	0	100	100%
69	100	100%	100	0	100	100%
70	100	100%	100	0	100	100%
71	100	100%	100	0	100	100%
72	100	100%	100	0	100	100%
73	100	100%	100	0	100	100%
74	100	100%	100	0	100	100%
75	100	100%	100	0	100	100%
76	100	100%	100	0	100	100%
77	100	100%	100	0	100	100%
78	100	100%	100	0	100	100%
79	100	100%	100	0	100	100%
80	100	100%	100	0	100	100%
81	100	100%	100	0	100	100%
82	100	100%	100	0	100	100%
83	100	100%	100	0	100	100%
84	100	100%	100	0	100	100%
85	100	100%	100	0	100	100%
86	100	100%	100	0	100	100%
87	100	100%	100	0	100	100%
88	100	100%	100	0	100	100%
89	100	100%	100	0	100	100%
90	100	100%	100	0	100	100%
91	100	100%	100	0	100	100%
92	100	100%	100	0	100	100%
93	100	100%	100	0	100	100%
94	100	100%	100	0	100	100%
95	100	100%	100	0	100	100%
96	100	100%	100	0	100	100%
97	100	100%	100	0	100	100%
98	100	100%	100	0	100	100%
99	100	100%	100	0	100	100%
100	100	100%	100	0	100	100%

4. Crude Oil Requirements for Refineries 1966 and 1967

Summary of Crude Oil Requirements and New Needs
thousand barrels daily

	1966		1967			
	Requirements		Requirements		New needs	
	Vol.	%	Vol.	%	Vol.	%
Domestic	603	58	617	57	14	37
Imports	435	42	459	43	24	63
Totals	1,038	100	1,076	100	38	100

New needs % increase over previous year 4%

Total requirements (domestic and imports) of crude oil for Canadian refineries are estimated to increase from 1,038,000 barrels daily (B/D) in 1966 to 1,076,000 B/D in 1967, an increase of approximately 3.7%.

Canadian crude requirements for refining are expected to increase by 2% from 603,000 B/D in 1966 to 617,000 B/D in 1967, while imported crude requirements for refining are expected to rise by 6% from 435,000 B/D in 1966 to 459,000 B/D in 1967.

Forecast new needs of crude oil for refining are expected to amount to 38,000 B/D in 1967, with domestic produced crude supplying 37% of these new needs (14,000 B/D) and imports 63% (24,000 B/D).

Crude Oil Requirements for Exports 1966 and 1967

Crude oil exports for the third quarter of 1967 are estimated to average 428,000 B/D, an increase of 86,000 B/D over the same period in 1966.

Table 1. Summary of the data for the years 1966 and 1967.

Year	1966		1967	
	Number of fish	Weight (kg)	Number of fish	Weight (kg)
1	10	1.2	12	1.5
2	15	1.8	18	2.2
3	20	2.4	22	2.8
4	25	3.0	28	3.5
5	30	3.6	32	4.0
6	35	4.2	38	4.8
7	40	4.8	42	5.4
8	45	5.4	48	6.0
9	50	6.0	52	6.6
10	55	6.6	58	7.2
11	60	7.2	62	7.8
12	65	7.8	68	8.4
13	70	8.4	72	9.0
14	75	9.0	78	9.6
15	80	9.6	82	10.2
16	85	10.2	88	10.8
17	90	10.8	92	11.4
18	95	11.4	98	12.0
19	100	12.0	102	12.6
20	105	12.6	108	13.2
21	110	13.2	112	13.8
22	115	13.8	118	14.4
23	120	14.4	122	15.0
24	125	15.0	128	15.6
25	130	15.6	132	16.2
26	135	16.2	138	16.8
27	140	16.8	142	17.4
28	145	17.4	148	18.0
29	150	18.0	152	18.6
30	155	18.6	158	19.2
31	160	19.2	162	19.8
32	165	19.8	168	20.4
33	170	20.4	172	21.0
34	175	21.0	178	21.6
35	180	21.6	182	22.2
36	185	22.2	188	22.8
37	190	22.8	192	23.4
38	195	23.4	198	24.0
39	200	24.0	202	24.6
40	205	24.6	208	25.2
41	210	25.2	212	25.8
42	215	25.8	218	26.4
43	220	26.4	222	27.0
44	225	27.0	228	27.6
45	230	27.6	232	28.2
46	235	28.2	238	28.8
47	240	28.8	242	29.4
48	245	29.4	248	30.0
49	250	30.0	252	30.6
50	255	30.6	258	31.2
51	260	31.2	262	31.8
52	265	31.8	268	32.4
53	270	32.4	272	33.0
54	275	33.0	278	33.6
55	280	33.6	282	34.2
56	285	34.2	288	34.8
57	290	34.8	292	35.4
58	295	35.4	298	36.0
59	300	36.0	302	36.6
60	305	36.6	308	37.2
61	310	37.2	312	37.8
62	315	37.8	318	38.4
63	320	38.4	322	39.0
64	325	39.0	328	39.6
65	330	39.6	332	40.2
66	335	40.2	338	40.8
67	340	40.8	342	41.4
68	345	41.4	348	42.0
69	350	42.0	352	42.6
70	355	42.6	358	43.2
71	360	43.2	362	43.8
72	365	43.8	368	44.4
73	370	44.4	372	45.0
74	375	45.0	378	45.6
75	380	45.6	382	46.2
76	385	46.2	388	46.8
77	390	46.8	392	47.4
78	395	47.4	398	48.0
79	400	48.0	402	48.6
80	405	48.6	408	49.2
81	410	49.2	412	49.8
82	415	49.8	418	50.4
83	420	50.4	422	51.0
84	425	51.0	428	51.6
85	430	51.6	432	52.2
86	435	52.2	438	52.8
87	440	52.8	442	53.4
88	445	53.4	448	54.0
89	450	54.0	452	54.6
90	455	54.6	458	55.2
91	460	55.2	462	55.8
92	465	55.8	468	56.4
93	470	56.4	472	57.0
94	475	57.0	478	57.6
95	480	57.6	482	58.2
96	485	58.2	488	58.8
97	490	58.8	492	59.4
98	495	59.4	498	60.0
99	500	60.0	502	60.6
100	505	60.6	508	61.2

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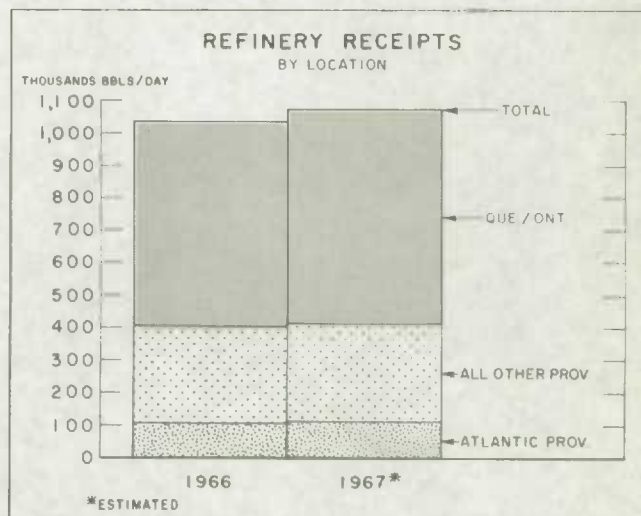
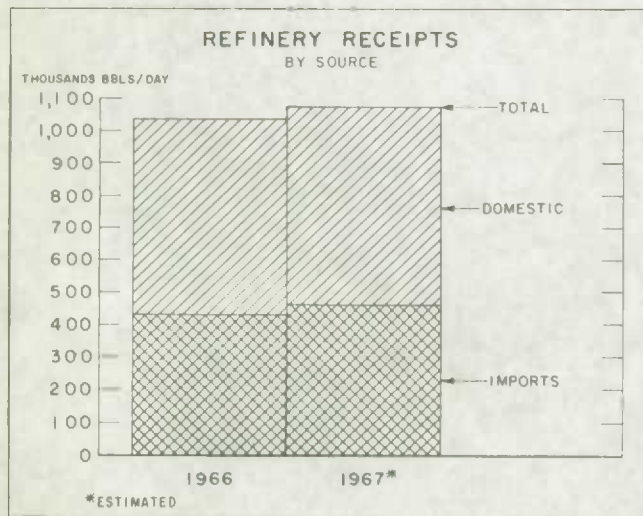
Table 1. Summary of the data for the years 1966 and 1967.

Canadian Crude Oil Requirements

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	1966	1967	1966			1967		
	Actual	Estimated	Actual			Estimated		
	Jan. - Dec.	Jan. - Dec.	July	Aug.	Sept.	July	Aug.	Sept.
'000 barrels per day								
<u>By source</u>								
Domestic:								
Western	599.6	612.9	597.9	620.2	604.0	616.8	643.1	619.6
Eastern	3.6	4.0	3.6	3.6	3.6	3.7	3.7	3.7
Totals	603.2	616.9	601.5	623.8	607.6	620.5	646.8	623.3
Imported	434.4	459.2	464.6	464.8	452.7	497.4	484.2	475.2
Total requirements	1,037.6	1,076.1	1,066.1	1,088.6	1,060.3	1,117.9	1,131.0	1,098.5
<u>By location</u>								
Atlantic	110.1	115.3	123.0	127.0	116.1	128.8	115.0	123.6
Quebec	322.8	342.3	338.0	335.5	334.0	365.7	366.2	348.7
Ontario	312.8	316.7	301.1	313.2	303.7	320.0	340.2	337.1
Manitoba	40.0	39.7	40.9	45.2	45.1	39.0	43.5	44.8
Saskatchewan	62.1	62.7	72.7	68.2	73.9	70.3	69.6	64.0
Alberta	93.4	98.4	95.6	101.6	84.2	103.0	101.0	90.4
British Columbia	94.4	98.9	92.3	95.3	100.6	88.4	92.8	87.4
Northwest Territories	2.0	2.1	2.5	2.6	2.7	2.7	2.7	2.5
Total requirements	1,037.6	1,076.1	1,066.1	1,088.6	1,060.3	1,117.9	1,131.0	1,098.5
Exports requirements(1)	346.8	..	335.5	352.6	345.4	469.8	410.4	404.1

(1) Reported by the pipeline companies.
.. Figures not available.





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