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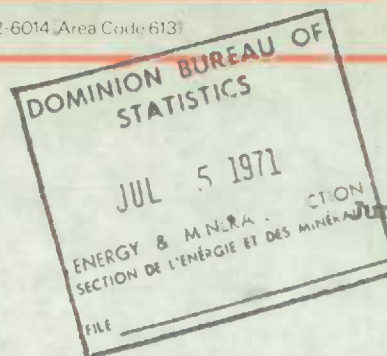
ENERGY STATISTICS



For further information write to DBS Energy and Minerals Section, Ottawa or telephone 992-6014 (Area Code 613)

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1. Principal Statistics for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), by Province, 1968 and 1969

Statistics for the crude petroleum and natural gas industry will be published in Catalogue No. 26-213 "The Crude Petroleum and Natural Gas Industry, 1969". This publication contains data on production, value added, employment, salaries and wages, operating and capital expenditures.

In 1969 the value of marketable production of the Crude Petroleum and Natural Gas Industry, excluding synthetic crude oil, amounted to \$1,450,472,000, an increase of 6.6% over 1968; total value added for the industry was \$1,399,638,000, up 6.6%; the number of employees increased to 14,153, up 4.0%; salaries and wages amounted to \$138,248,000, up 12.0%. Alberta had 89.2% of the total employees and paid 90.2% of the total salaries and wages, due in part to a large number of companies maintaining head offices in Alberta. Operating expenditures rose from \$724,895,000 in 1968 to \$764,480,000 in 1969, up 5.5%, while capital expenditures increased 15.0% from \$557,557,000 to \$641,012,000 during the same period.

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Principal Statistics(1) for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), by Province - 1968 and 1969

Year and province	Establishments	Producing activity						Total activity			
		Production and related workers			Cost of electricity	Cost of materials, supplies and fuel	Value of marketable production	Value added	Employees		Value added
		Number	Man-hours paid	Wages					Number	Salaries and wages	
	No.		'000			\$'000					\$'000
<u>1968</u>											
Newfoundland	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	12	6	13	24	-	10	106	96	6	24	103
Quebec	11	-	-	-	-	2	20	18	17	147	12
Ontario	81	127	266	920	105	133	7,766	7,528	202	1,731	7,550
Manitoba	60	37	74	256	229	345	15,570	14,996	59	425	14,991
Saskatchewan	165	482	1,044	3,519	5,569	6,473	216,630	204,588	755	6,022	204,136
Alberta	245	2,542	5,513	20,673	9,070	28,051	1,039,521	1,002,400	12,120	111,149	1,007,380
British Columbia	115	246	504	2,124	-	2,228	79,714	77,486	376	3,277	77,705
Yukon, Northwest Territories and Arctic Islands	99	26	56	243	-	42	925	883	44	375	799
Off Shore:											
East	14	1	1	5	-	-	-	-	4	33	(277)
Hudson Bay	9	-	-	-	-	-	-	-	-	-	(7)
West	3	--	--	1	-	-	-	-	28	229	22
Totals	814	3,467	7,471	27,765	14,973	37,284	1,360,252	1,307,995	13,611	123,412	1,312,414
<u>1969</u>											
Atlantic Provinces	15	8	17	35	-	17	102	85	8	43	78
Quebec	20	--	--	1	-	-	21	21	15	140	8
Ontario	90	131	263	1,011	106	103	7,392	7,183	211	1,890	7,525
Manitoba	76	30	63	239	281	435	15,615	14,899	61	514	14,833
Saskatchewan	196	455	957	3,626	6,173	7,072	205,522	192,277	683	5,862	192,145
Alberta	282	2,607	5,464	22,608	10,918	29,212	1,130,531	1,090,401	12,629	124,759	1,094,861
British Columbia	119	242	513	2,177	-	3,089	90,304	87,215	398	3,639	87,490
Yukon, Northwest Territories and Arctic Islands	165	71	188	698	-	72	985	913	115	1,092	2,651
Off Shore:											
East	33	2	4	18	-	-	-	-	15	132	(139)
Hudson Bay	16	-	-	-	-	-	-	-	-	-	172
West	5	-	-	-	-	-	-	-	18	177	14
Totals	1,017	3,546	7,469	30,413	17,478	40,000	1,450,472	1,392,994	14,153	138,248	1,399,638

(1) Excludes establishments engaged in synthetic crude oil operations.

-- Amount too small to be expressed.

2. Retail Gasoline Statistics by Metropolitan Area, 1st Quarter 1971

Retail sales of gasoline in Canada's twelve major metropolitan areas for the first quarter of 1971 were 462.1 million gallons. This amount was dispensed through 8,107 outlets in 1971 of which 6,757 were refiners and 1,350 outlets were non-refiners.

According to estimated vehicle registration statistics, passenger cars per service station in the twelve metropolitan areas averaged 406. The Toronto area had an average of 547 passenger cars per service station followed by Ottawa-Hull with 449, Edmonton 416, Calgary 410, Vancouver 409, Winnipeg 405, Regina 377, Montreal 340, Hamilton 330, Kitchener-Waterloo 318, Quebec 313 and Saskatoon 302.

Population per car in these metropolitan areas is estimated at 2.9. This compares favourably with the Canada figure of 3.2. Kitchener-Waterloo area had a population per car of 2.0 followed by Calgary, Vancouver, Toronto, Ottawa-Hull, Regina, Edmonton, Quebec, Saskatoon, Hamilton, Winnipeg and Montreal, with the last area registering a ratio of 3.5 persons per car.

During the first quarter of 1971, gasoline sold through retail pump outlets in the metropolitan areas averaged 124 gallons per vehicle. Saskatoon showed 141 gallons; Montreal 138; Hamilton 137; Quebec 129; Winnipeg 122; Regina 121; Toronto 118; Calgary, Edmonton and Vancouver 117; Ottawa-Hull 114 and Kitchener-Waterloo 108.

Retail Gasoline Statistics by Metropolitan Area, 1st Quarter 1971

	Outlets			Gallons('000)			Population* 1st June 1970	Passenger cars(1,2)*	Commercial vehicles(1)*
	Refiners	Others	Totals	Refiners	Others	Totals			
Quebec	377	116	493	16,354	5,842	22,196	436,000	154,300	17,100
Montreal(3)	1,875	414	2,289	102,760	18,916	121,676	2,800,000	779,000	103,000
Ottawa-Hull(3)	355	100	455	19,156	6,410	25,566	546,000	204,300	20,700
Toronto(3)	1,491	237	1,728	101,269	23,553	124,822	2,496,000	946,000	113,600
Hamilton	358	82	440	17,303	5,320	22,623	484,000	145,400	20,300
Kitchener-Waterloo	243	80	323	8,753	3,545	12,298	210,000	102,800	11,400
Winnipeg	362	51	413	20,534	2,140	22,674	545,000	167,400	18,200
Regina	112	21	133	6,102	1,560	7,662	141,000	50,200	13,300
Saskatoon	116	16	132	5,659	779	6,438	128,000	39,800	6,000
Calgary	337	38	375	17,846	3,668	21,514	387,000	153,900	30,400
Edmonton	343	43	386	19,382	3,813	23,195	449,000	160,400	37,500
Vancouver	788	152	940	39,983	11,426	51,409	1,012,000	384,100	53,500
Total	6,757	1,350	8,107	375,101	86,972	462,073	...	...	...
Canada Total .....	...	...	...	...	...	...	21,377,000	6,728,000	2,231,000

(1) 1970 registrations.

(2) Taxis included.

(3) These areas are not identical with census metropolitan areas.

... Figures not appropriate or not applicable.

* Estimates.

3. Preliminary Butanes Statistics, January 1971 and January 1970

Production of butanes for January 1971 amounted to 1,582,786 barrels. This was an increase of 149,623 barrels over the same month last year.

Sales to distributors were 252,369 barrels as compared with 202,961 during January 1970.

The export of butanes for the month was 1,167,033 barrels, an increase of 11.6% over January 1970.

The preliminary data of refinery and processing plant supply and disposition of butanes represent the first attempt to produce monthly data on output and consumption of butanes in an interpretative form. These statistics show provincial source and end disposition of the product, without taking into account intermediate interprovincial transfers.

Statistics for succeeding months and prior years will be issued in the DBS Service Bulletin in the same format as they are available. Comments from users are welcome in order to assist in making this series as useful as possible.



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Canadian Butanes Supply and Disposition

	Atlantic	Quebec	Ontario	Manitoba and Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels								
<u>January 1970</u>								
<u>Supply</u>								
Refinery production	(3)	89,693	156,826	27,872	10,136	36,534	—	321,061
Gas processing plant production(1)	—	—	—	28,429	1,056,860	26,813	—	1,112,102
Imports	—	—	6,266	—	—	—	—	6,266
Interprovincial "IN"	(3)	19,298	73,718	30,372	5,948	7,642	—	...
Inventory change	(3)	2,731	54,454	2,927	162,657	(3,394)	—	219,375
Totals	(3)	111,722	291,264	89,600	1,235,601	67,595	—	1,658,804
<u>Disposition</u>								
Plant and refinery use	25,057	—	—	—	—	—	—	25,057
Interproduct transfers	20,238	61,574	212,576	12,187	—	15,573	—	322,148
Gas enrichment	—	—	—	—	24,372	—	—	24,372
Miscible flood	—	—	—	—	5,251	—	—	5,251
Petrochemical and industrial(2)	17,686	—	—	—	45,983	4,742	—	68,411
Distributors	—	—	62,269	36,732	65,044	38,916	—	202,961
Exports:								
District I	—	—	—	—	—	—	—	—
District II	—	—	—	35,230	203,063	—	—	238,293
District IV	—	—	—	—	145,812	—	—	145,812
District V	—	—	—	—	615,139	8,364	—	623,503
Off Shore	—	—	—	—	—	—	—	—
Losses and gains	—	—	1	(523)	3,971	—	—	3,449
Adjustments	(12,833)	—	(2,880)	26	15,234	—	—	(453)
Interprovincial "OUT"	—	—	19,298	5,948	111,732	—	—	...
Totals	(3)	111,722	291,264	89,600	1,235,601	67,595	—	1,658,804
<u>January 1971</u>								
<u>Supply</u>								
Refinery production	(3)	95,570	44,881	20,684	23,696	43,561	—	228,392
Gas processing plant production(1)	—	—	—	27,721	1,289,518	37,155	—	1,354,394
Imports	—	—	—	—	—	—	—	—
Interprovincial "IN"	—	761	138,374	31,476	—	23,204	3,098	...
Inventory change	(3)	(9,269)	37,159	18,543	93,108	(6,664)	—	132,877
Totals	(3)	87,062	220,414	98,424	1,406,322	97,256	3,098	1,715,663
<u>Disposition</u>								
Plant and refinery use	34,977	—	—	—	—	—	—	34,977
Interproduct transfers	(23,685)	48,047	108,545	14,477	5,393	14,157	—	166,934
Gas enrichment	—	—	—	—	3,771	—	—	3,771
Miscible flood	—	—	—	—	71,559	—	—	71,559
Petrochemical and industrial(2)	32,928	—	—	—	5,255	—	—	38,183
Distributors	—	—	80,765	32,210	70,328	65,968	3,098	252,369
Exports:								
District I	—	—	—	—	—	—	—	—
District II	—	—	30,781	51,469	454,098	—	—	536,348
District IV	—	—	—	—	190,251	—	—	190,251
District V	—	—	—	—	423,303	17,131	—	440,434
Off Shore	—	—	—	—	—	—	—	—
Losses or gains	—	—	—	268	(12,067)	—	—	(11,799)
Adjustments	—	(5,205)	(438)	—	(1,721)	—	—	(7,364)
Interprovincial "OUT"	—	—	761	—	196,152	—	—	...
Totals	(3)	87,062	220,414	98,424	1,406,322	97,256	3,098	1,715,663

(1) Excludes return to formation.

(2) Identifiable industrial sales have been allocated to this category. Distributor sales may contain sales to industrial consumers.

(3) Included with Quebec.