

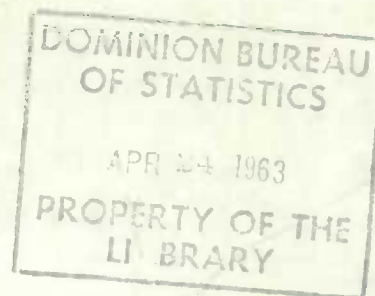
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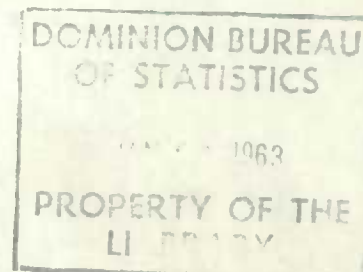
GAS UTILITIES

(DISTRIBUTION SYSTEMS)

1960

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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- ^P preliminary figures.
- ^r revised figures.

Note:

1. Natural gas volumes are measured in cubic feet at 14.73 pounds per square inch absolute and at 60°F. Sales volumes are measured in cubic feet of 1,000 B.T.U. ($\pm 5\%$).

2. Combined industry tables are not the arithmetic sum of the individual tables but have interindustry transactions eliminated.

GAS UTILITIES

(DISTRIBUTION SYSTEMS)

1960

INTRODUCTION

This report is the second of a new annual series dealing with the operations of utilities engaged in the distribution of natural and manufactured gas. It is designed to complement the previously published annual report, "Gas Pipe Line Transport, 1960" (Catalogue No. 55-202). Monthly statistics of gas sales have been compiled since 1942 while monthly statistics of gas pipe lines have been available from January, 1959.

The Dominion Bureau of Statistics appreciates the co-operation and the valuable technical advice received from the Statistics Committee of the Canadian Gas Association.

This is a statistical report of the operations of gas utilities which are primarily engaged in the selling of manufactured or natural gas to ultimate consumers by pipe line distribution systems. Because of the major structural changes within the industry, and the inter-relationship of this industry with other phases of gas gathering and transmission operations, certain historical series and integrated statistics are presented in order to give an overall understanding of the position of this industry in Canada's economy.

It should be noted that many gas distribution utilities have extensive natural gas transmission operations. However, because these operations are not separable from their primary activity, natural gas distribution, and since the transmission operations do not form a sufficiently large portion of their total activity, there is no justification for including them in the natural gas pipe line transport industry.

Gas utility companies are defined as those companies which obtain the bulk of their revenue from the sale of gas to final consumers. The gas pipe line transport industry is defined as that industry which is engaged in the transportation of gas by pipe line from natural gas fields or processing plants to local distribution systems, and obtain the bulk of their revenue from the sale of gas for resale.

This report is divided into four basic sections. Tables 1 to 6 deal with gas traffic, that is, the receipts and disposition of gas. Tables 7 and 8 cover the physical property of the industry and Tables 9 to 13 deal with the financial and employment statistics of the industry. The final portion of this report, Tables 14 to 20 attempt to consolidate significant statistics of natural gas transmission and distribution systems.

As in the oil and gas transport pipe line series the commodity statistics are presented to give a comprehensive picture of the gas flow; as a result natural gas receipts are equal to natural gas disposition, which is composed of sales, deliveries to other companies, inventory changes, and fuel. In addition, an item, "Metering differences . . .", includes the following items: the differences between meter readings within a system, certain line losses and unaccounted for due to small pipe line leakage, and cyclical billing adjustments. Cyclical billing adjustments arise because it is impossible for a company to bill all its customers in exactly the same time interval that it meters all its receipts.

In considering the gas distribution industry in its entirety the inter-company movements of gas must be recorded, but if included in total receipts would result in duplication. Total net receipts are therefore given as the total unduplicated receipts of gas into the Canadian gas distribution systems. Total gross receipts include the inter-company movement of gas and gas movements from storage areas of the industry. Similar adjustments are made to arrive at total net deliveries.

Although gas is handled at various pressures in the pipe line systems all volumes of gas have been converted to a common pressure base and as nearly as possible reflect a common B.T.U. content for sales. All gas volumes in this report are measured in cubic feet at 14.73 pounds per square inch absolute and at 60 degrees Fahrenheit (plus or minus 2 per cent). One Mcf. equals 1,000 cubic feet.

Certain distribution companies have acted as intermediaries in transferring gas between two transmission companies. In order to avoid duplication, the intermediate stages of this transfer are reported separately as "delivered to transmission systems" and "returned to distribution systems from transmission systems".

Gas sales categories are defined as follows:

- (a) **Residential:** Sales of gas at residential rates for residential use, including house heating, cooking, water heating, etc.
- (b) **Industrial:** Sales of natural gas at industrial rates, mainly to industrial and manufacturing concerns such as manufacturers of chemicals, machinery, textiles, food stuffs, foundries and machine shops. These sales include the sales of natural gas for heating purposes as well as raw materials for manufacturing processes. Certain very large commercial establishments such as large hotels or department stores may be included in this category.

(c) **Commercial:** Sales of gas at commercial rates to hotels, restaurants, department stores, retail dealers, etc. are normally included in this category. However, certain very small industrial establishments may be included in this category.

(d) **Miscellaneous:** All sales not classified above but not including sale for resale.

Review of Survey Results

Natural gas sales increased 42 million Mcf. in 1960 to a total of 325,379,322 Mcf., an increase of 15.0 per cent over 1959. Revenue in the same period increased 21.8 per cent to \$194,537,338 and the number of customers increased 7.5 per cent to 1,203,119. Manufactured gas sales increased to 1,744,047 Mcf., 87.8 per cent above the 1959 level while pipe line sales of liquefied petroleum gases declined to 454,525 Mcf., 19.2 per cent less than the 1959 level. Some liquefied petroleum gases were sold in the natural gas systems during peak periods or were used to tie new customers into a system before the completion of natural gas pipe line facilities; these are included in "other receipts".

Residential sales increased 12.4 per cent to 110,132,901 Mcf., but their share of the market dropped from 34.6 to 33.8 per cent. Industrial sales increased 11.6 per cent to 164,233,744 Mcf., narrowly increasing their share of the market from 50.0 to 50.4 per cent. Commercial sales increased 11.8 per cent to 51,121,809 Mcf. while their share of the market increased slightly from 15.4 to 15.7 per cent.

The total revenue per Mcf. in 1959 was 56 cents and in 1960, 60 cents. Corresponding increases in revenue were shown in all categories of sales. The consumption per customer was lowest in New Brunswick and highest in Alberta, reflecting the relative cost of gas to the consumer.

In 1959, Alberta accounted for 38.7 per cent of total residential sales followed by Ontario with 37.8 per cent, British Columbia 8.9 per cent, Saskatchewan 8.3 per cent, Quebec 3.2 per cent and Manitoba 3.0 per cent. In 1960 Alberta had less than the national average increase of 12.4 per cent resulting in a decline in Alberta's share of the residential market to 34.7 per cent. Greater than national average increases occurred in Ontario, which enlarged its share to 38.2 per cent followed by British Columbia with 9.5 per cent, Saskatchewan with 9.4 per cent, Manitoba 4.2 per cent and Quebec 3.9 per cent. New Brunswick, which constituted only a very small amount of the total natural gas sales to residential customers, decreased 15.6 per cent.

Alberta had the largest share of the industrial sales, 52.5 per cent in 1959, followed by Ontario 26.1 per cent, Saskatchewan 11.9 per cent, British Columbia 5.7 per cent, Manitoba 3.1 per cent and Quebec 0.7 per cent. In 1960, the national average rate of growth of industrial sales slackened considerably from the spectacular 50.5 per cent in 1959

to 15.7 per cent. The three prairie provinces, however, failed to maintain this national average and their share of the national market declined to 34.7 per cent for Alberta, 4.1 per cent for Manitoba and 9.4 per cent for Saskatchewan. The latter province in fact experienced no increased industrial demand and its volume in this category declined 8.7 per cent from that of the previous year. This contrasts markedly with the relatively small but rapid increase in industrial sales in Quebec. Industrial sales in the other provinces had greater than the national average rate of growth and their share of the market increased to 38.2 per cent for Ontario, 9.5 per cent for British Columbia and 3.9 per cent for Quebec.

The distribution of commercial sales in 1959 was: Alberta 57.5 per cent, Ontario 21.1 per cent, Saskatchewan 8.7 per cent, British Columbia 7.5 per cent, Manitoba 3.0 per cent and Quebec 2.2 per cent. In 1960 this category had a national growth of 17.6 per cent. However, Alberta's and British Columbia's increase was less than this and their share of the market declined to 50.1 per cent and 7.1 per cent respectively. Other provinces with greater than the national growth rate increased their share of the market as follows: Ontario 26.2 per cent, Saskatchewan 9.2 per cent, Manitoba 4.6 per cent and Quebec 2.7 per cent.

Natural gas receipts of the distribution systems in 1960 were 349,297,237 Mcf. of which 48.8 per cent was received from their own gathering systems and the bulk of the remainder was from transmission systems such as Trans-Canada Pipe Lines Limited and Westcoast Transportation Company Limited. Small amounts were produced from L.P.G.'s for peak shaving purposes.

All the net deliveries of 325,609,411 Mcf. of natural gas were sold to ultimate customers.

In order to help meet seasonal demands gas storage facilities were operated in three provinces, Alberta, Saskatchewan and Ontario, with receipts from storage of 2,259,571 Mcf. and deliveries to storage of 4,070,902 Mcf. so that the net gas placed in storage amounted to 1,811,331 Mcf.

Industry transfers of natural gas did not exactly balance due to slight differences between the statements of the reporting companies. Thus the gas transferred from distribution systems was 31,437,670 Mcf. and the gas transferred to distribution systems was 31,867,628 Mcf.

Inter-industry movements of natural gas do not balance due to delays in the gas being returned to the ultimate distributing company. This in effect creates a loan of natural gas by the distribution industry to the transmission industry.

The fluctuations of line pack were small, 13,498 Mcf., as only the gas held in transmission portions of distribution systems is considered as line pack. Line pack in the distribution portion of the systems is not considered separately but is included in losses and unaccounted for.

The gas used in distribution systems amounted to 1,551,183 Mcf. or 0.4 per cent of the gas received. Metering differences, line losses, cyclical billing adjustments, and unaccounted for amounted to 3,570,878 Mcf. or 0.9 per cent of the gas received.

Alberta had the largest receipts from gathering facilities, 134,412,556 Mcf. or 78.8 per cent of the total, followed by Saskatchewan with 14.9 per cent and Ontario with 6.0 per cent. Alberta also led in total receipts with 45.5 per cent of the national total of which 84.6 per cent was directly from fields and processing plants. Ontario was second, receiving 31.1 per cent of the total Canadian receipts; however, 90.5 per cent of its receipts came from the gas pipe line transport industry. Manitoba and Quebec were the only provinces which did not operate gathering facilities.

Pipe line mileage operated by the industry amounted to 26,193 miles at the end of 1960, an increase of 1,820 miles during the year. In 1960 Ontario operated 44.9 per cent of the mileage. Most of the mileage was in distribution lines, accounting for 70.3 per cent of the total. The most common size of line was under 3 inches and made up 45.5 per cent of the distribution mileage; the most common size of line in the transmission systems was the 9-12.9 inches.

Only a small amount of lines are operated by the manufactured and L.P.G.'s segments of the industry; in 1960 this amounted to 462 miles.

Many of the companies have difficulty in segregating their transmission and distribution line mileage. The category of distribution therefore includes large supply lines that are integrated into the distribution system. Hence certain lines which are classified as transmission lines may in time become so integrated into a distribution system that they will be transferred from one category to another.

The compressors operated by the distribution systems are quite small averaging about 1,456 h.p. per station and are few in number. In 1960 there were 18 compressor stations with an installed h.p. of 26,206. Most of the gas compressors are operated by the transmission systems with the distribution industry only maintaining or reducing pressure in the lines.

At the end of 1960 the industry had 823 million dollars invested in plant and equipment (before depreciation). Of this, 812 million dollars was in the natural gas portion of the industry and 10 million dollars in manufactured gas and L.P.G.'s systems. Net additions to plant and property in the year 1960 were 79 million dollars; at the end of the year 58.4 per cent of the property and equipment was distribution plant. Eastern Canada had 48.4 per cent of all the natural gas property and equipment and 51.6 per cent was located in Western Canada.

Total assets of the industry amounted to 888 million dollars of which plant and property made up 78.9 per cent. Current assets amounted to 80 million

dollars and current liabilities 109 million dollars to give a current ratio of 0.73. The ratio for Eastern Canada being 0.69 and Western Canada 0.86.

The large capital investment in the utility plant is reflected in the long term debt which makes up 53.4 per cent of the total liabilities and 67.7 per cent of net plant, slight decreases from the previous year. The relative youth of the industry is reflected in the depreciation reserve which is only 14.8 per cent of total gross plant and an increase of 1.6 per cent from the previous year.

The revenues from gas sales of the industry in 1960 were 201 million dollars while other operating revenues including the sales of by-products were 10 million dollars. The purchase price or cost of gas sold was 80 million dollars.

Total operating expenses were 148 million dollars or 70.2 per cent of operating revenues. Depreciation charges were 16.6 million dollars or 2.1 per cent of average plant in service. Net operating revenues were 62.7 million dollars, 29.7 per cent of operating revenues; interest charges were 20.0 million dollars or 9.5 per cent of operating revenues—an average rate of approximately 4.2 per cent per annum. Profit before income tax was 28.4 million dollars or 13.5 per cent of revenues while profit after taxes was 18.7 million or 8.9 per cent of revenues. Net income as per cent of total assets employed was 2.1.

The gas utilities industry had a source of funds of some 312 million dollars; 67.6 per cent was received from operations, 9.9 per cent from the floating of long term debt and advances, and 8.9 per cent from the sale of equity securities. The remainder was received by short term credits, 6.0 per cent, and other miscellaneous transactions, 7.6 per cent. The funds were mainly used for expenses, interest, and other deductions, accounting for 59.5 per cent. New property and plant account for 28.8 per cent, building up cash reserves 2.6 per cent, dividends 3.7 per cent and other transactions 5.4 per cent.

The total number of persons employed in the industry was 9,306 with earnings of 43.0 million dollars, constituting 29.1 per cent of all operating expenses. Average earnings per employee was \$4,627 per annum.

Statistics of natural gas consumption by industry in 1956, 1957, 1958 and 1959 were reproduced from various other Dominion Bureau of Statistics publications. The greatest growth has been in paper products with an increase of 250 per cent in 1959 over 1958. Electric power generation is the largest individual industrial consumer of natural gas, taking 28.4 per cent of all industrial consumption in 1959.

Integrated Statistics of Natural Gas Transport and Distribution Systems

Although 574,062,923 Mcf. of natural gas was produced in 1960, transport and distribution pipe line systems in Canada received only 450,199,040 Mcf., the difference being gas losses used in the gas producing, processing or gathering operation, or

flared at the wellhead. The total mileage of all natural gas pipe lines in Canada including the lines operated by the producing, transmission and distribution sectors amounted to 32,815 miles, an increase of 7.5 per cent in the year and an increase of 52.9 per cent since 1957.

The property account of the natural gas transport and gas utility industries combined is over 1½ billion dollars, 52.9 per cent in the distribution sector and 47.1 per cent in the transport sector. Transmission property is the largest single account making up 47.8 per cent of fixed assets. In the year 1960 expenditures on the construction of new plant and equipment amounted to 139 million dollars or 9 per cent of fixed assets. Total plant made up the largest single asset of both industries. Although plant in the distribution sector exceeded plant in the transport sector by 90 million dollars, after an allowance had been made for depreciation, the two figures were almost equal. Total current assets amounted to 123 million dollars and current liabilities to 153 million giving a current ratio of 0.8.

Net income for the two industries amounted to about 20 million dollars, of which 94.5 per cent came from natural gas utilities and the remaining 5.5 per cent from the gas pipe line transport industry.

The natural gas utilities and gas pipe line transport industries had a source of funds of approximately 409 million dollars. Two-thirds of these funds came from the gas utilities and the remaining third from the gas pipe line transport industry. Although the revenue from gas utilities operations accounted for 67.6 per cent of total sources and revenue from gas transport industry operations accounted for 58.0 per cent, this revenue accounted for only 59.1 per cent of total sources for the two industries combined. This is due to the fact that interindustry duplications have been eliminated. These industries received 14.4 per cent through the sale of long term debt and 11.0 per cent through the sale of equity securities. Increases in current liabilities of 6.8 per cent and other miscellaneous transactions of 8.7 per cent accounted for the remainder. Of the funds received by these industries 50.2 per cent was spent on operations and other deductions, 38.0 per cent was invested in plant, 3.3 per cent was paid out in dividends, 3.2 per cent was used to increase liquid assets and 5.3 per cent for other transactions.

Employees in the gas distribution industry made up 88.5 per cent of the total employees in the two industries. Average salaries of the two industries amounted to \$4,804.

Supply and Demand of Natural Gas, 1948-60

Table 21 presents the supply and demand of natural gas. Historical data have been adjusted to provide a 13-year series on as consistent as possible basis.

Total consumption of natural gas has increased remarkably since 1948. The growth has been 848.5 per cent for a compounded annual growth rate of 18.9

per cent. This has been due in part to the large increase in exports. Domestic consumption has also had a dramatic growth of 641.4 per cent or a compounded annual growth rate of 16.7 per cent.

Changes in the pattern of natural gas production and consumption are quite evident. In 1948 Alberta and Ontario accounted for 98.5 per cent of gross production (85.7 and 12.8 per cent respectively). In 1955 Saskatchewan became a significant producer and in 1957 British Columbia became a large producer. As a result, in 1959, Alberta, although it had increased its production enormously, accounted for only 70.2 per cent of the production. Ontario had dropped to 3.6 per cent, while British Columbia which took second place, accounted for 14.6 per cent, and Saskatchewan, 11.5 per cent. In 1961 Alberta's production increased to 72.9 per cent of the total, followed by British Columbia 14.7 per cent, Saskatchewan 9.1 per cent, Ontario 3.2 per cent and Northwest Territories 0.1 per cent.

In 1948 Alberta accounted for all the waste and flared which equalled 16.2 per cent of total Canadian production and 16.6 per cent of Alberta's production. In 1954 Alberta was wasting 21.1 per cent of its production and accounted for 95.6 per cent of all waste; however, in 1960 Alberta had decreased its waste percentage to only 10.4 per cent. Saskatchewan on the other hand was wasting 37.8 per cent of its production in 1959 and 30.8 per cent in 1960.

Of the net new production in 1960, Alberta contributed 73.1 per cent, British Columbia 15.3 per cent, Saskatchewan 7.1 per cent and Ontario 3.3 per cent.

Storage operations have been a small factor in the supply and demand of natural gas although both Alberta and Ontario have had storage operations for several years. In the period 1948-54 the net gas placed in storage was between 2 and 4 million Mcf. per year. In the period 1954 to 1960 storage operations increased tremendously. Gas taken from storage increased to 27.4 million Mcf. in 1960 from 25.9 million in 1959, while gas placed in storage increased to 37.1 million Mcf. from 26.5 million.

Consumption and losses in production and pipe lines which made up 15.2 per cent of the demand in 1948 amounted to 13.3 per cent in 1960. Linepack changes which were not significant in years prior to 1957 increased enormously in that year when the major trans-continental gas pipe lines were being placed in service. They have declined each year since then.

Sales of natural gas in this 13-year period have grown at an annual rate of 18.2 per cent per year, industrial sales had a growth rate of 22.8 per cent per year and have thus taken a larger share of the market over the years. Residential and commercial sales have had a similar growth rate of 14.8 and 14.7 per cent respectively.

NATURAL GAS SALES, REVENUES AND CUSTOMERS, 1960

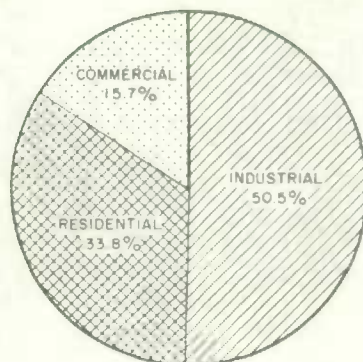
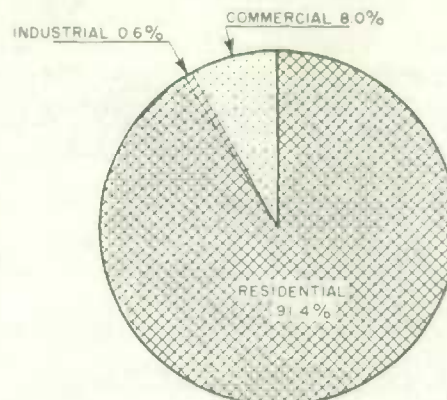
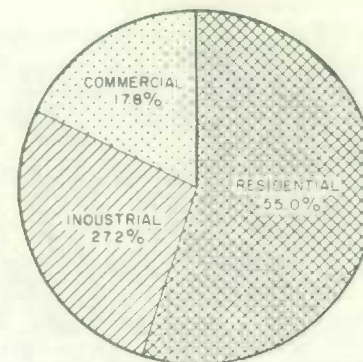
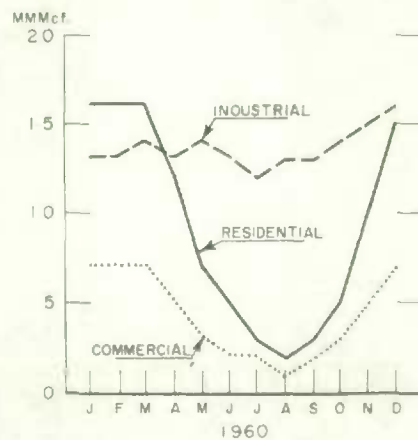
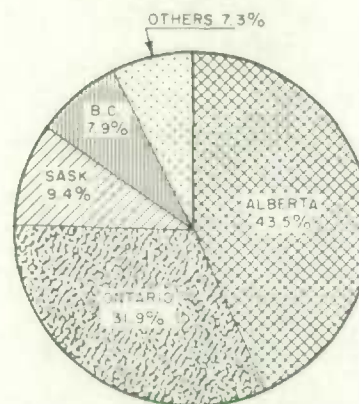
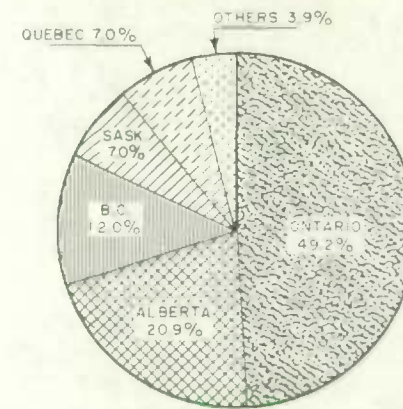
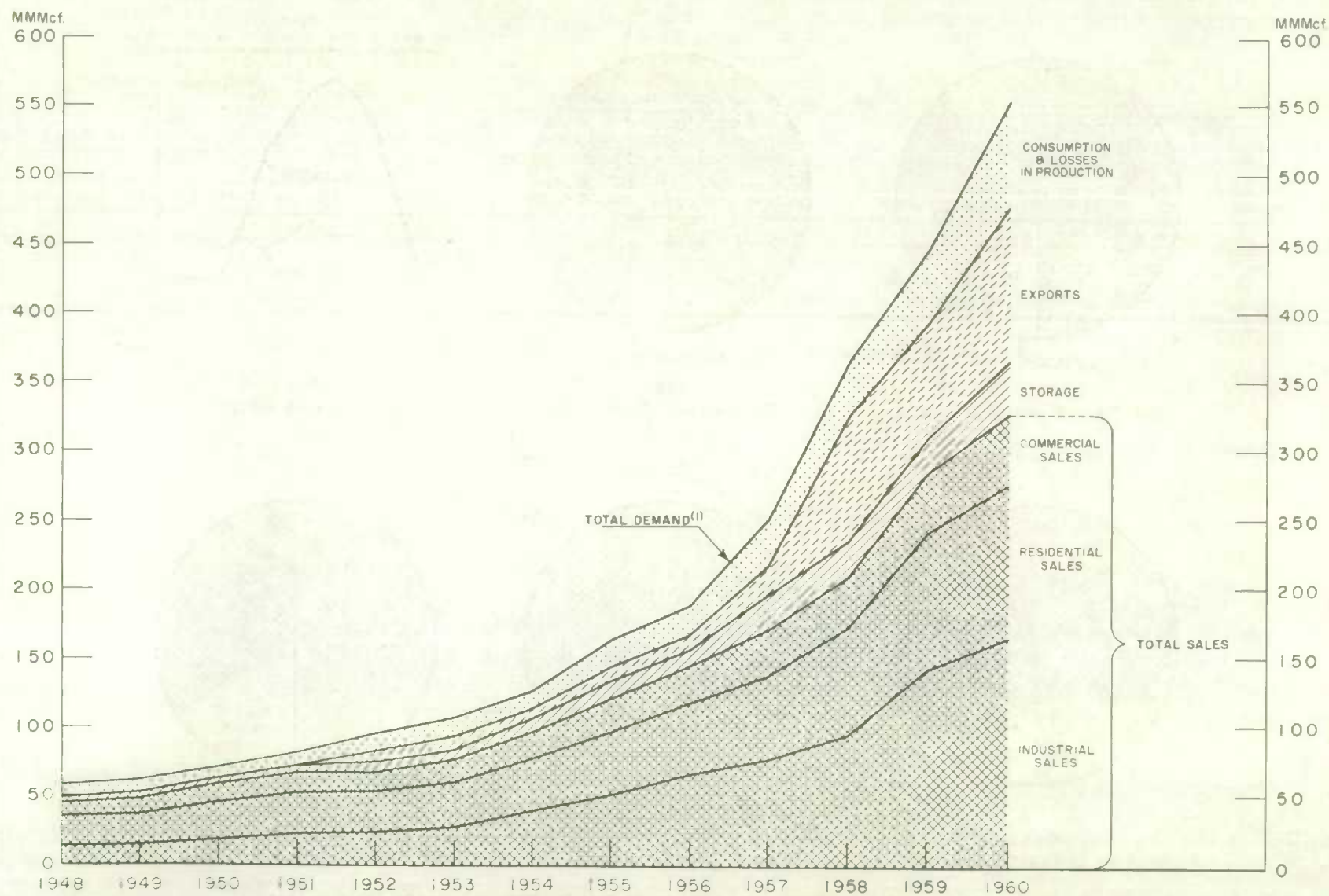
SALES BY CATEGORY OF SERVICE
1960CUSTOMERS BY CATEGORY OF SERVICE
1960REVENUES BY CATEGORY OF SERVICE
1960SALES BY MONTH,
1960TOTAL SALES BY PROVINCE,
1960TOTAL REVENUE BY PROVINCE,
1960

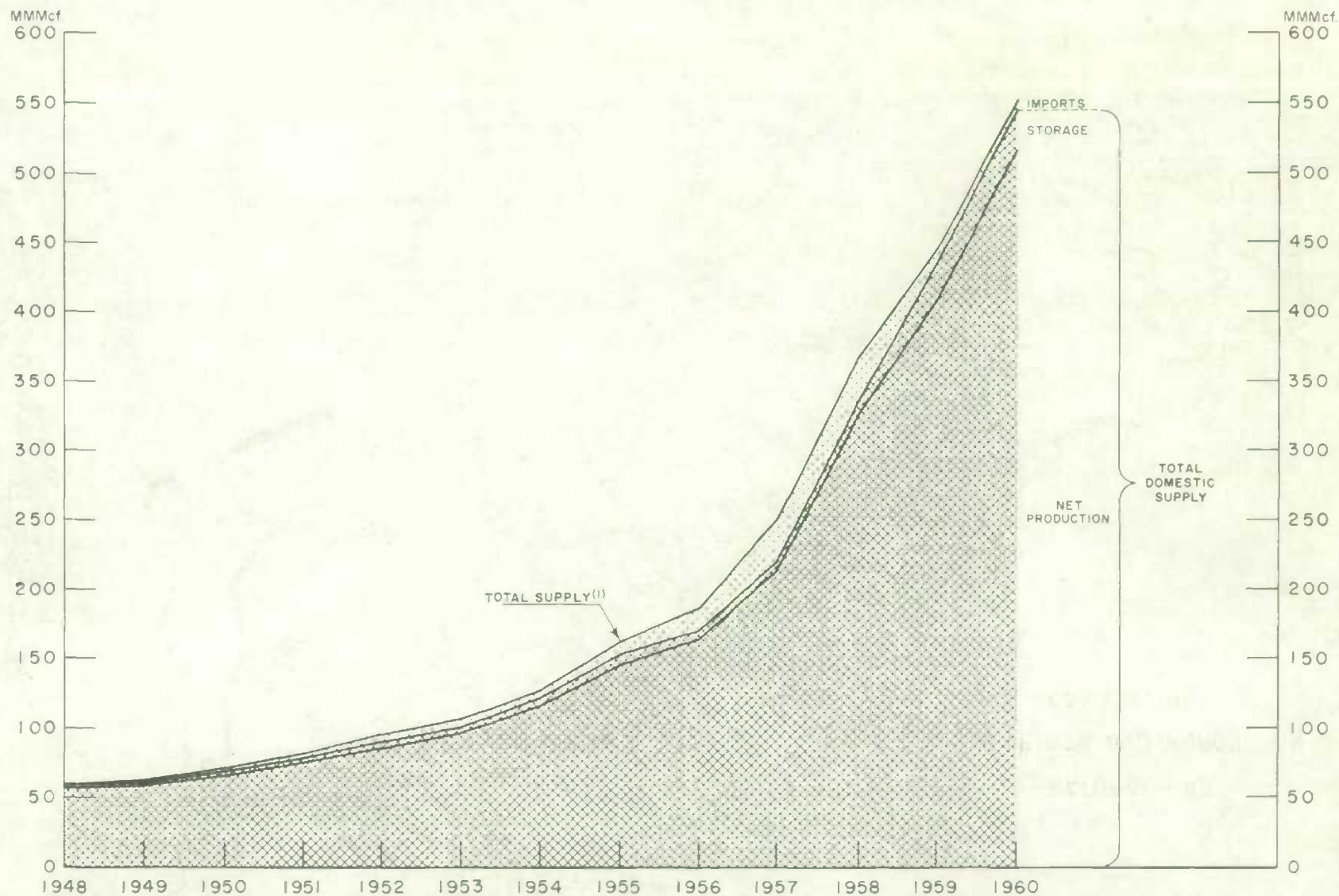
CHART-2

DEMAND FOR NATURAL GAS, 1948-1960



(1) NOT INCLUDING RESIDUAL ERROR OF ESTIMATE

SUPPLY OF NATURAL GAS, 1948-1960



(1) NOT INCLUDING RESIDUAL ERROR OF ESTIMATE

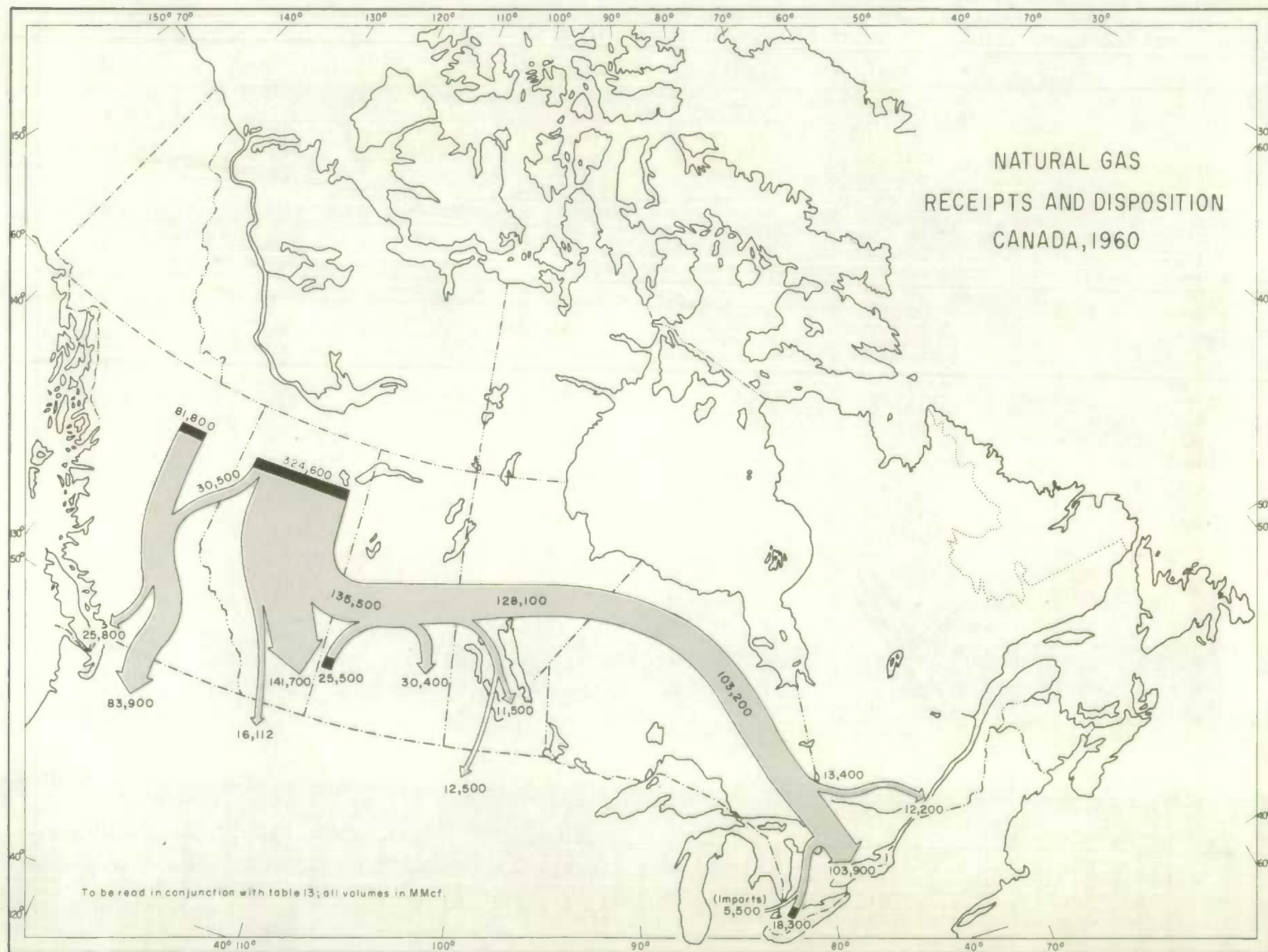


TABLE 1. Gas Sales, by Category of Service and Province, 1959 and 1960

	1959			1960 ¹					
	Customers ¹	Gas sold	Revenue	Customers ²	Gas sold	Revenue	Sales per customer ³	Revenue per customer ³	Revenue per Mcf.
	No.	Mcf.	\$	No.	Mcf.	\$	Mcf.	\$	\$
Sales of natural gas:									
Residential:									
New Brunswick	3,094	93,893	231,447	2,978	79,265	214,399	26.2	70.97	2.70
Quebec	218,769	3,114,828	6,334,676	219,677	4,313,597	8,019,044	19.7	36.66	1.86
Ontario	442,856	36,981,312	48,586,884	469,503	42,079,663	54,420,248	93.6	121.04	1.29
Manitoba	27,529	2,960,104	2,503,514	38,838	4,576,908	3,932,460	143.6	123.38	0.86
Saskatchewan	54,552	8,132,140	8,276,696	64,958	10,349,332	7,630,334	177.1	130.58	0.74
Alberta	179,769	37,912,970	16,235,021	189,903	38,260,877	19,012,601	208.1	103.43	0.50
British Columbia	101,573	8,741,780	11,022,811	113,591	10,473,239	13,753,609	98.2	128.97	1.31
Canada	1,026,142	97,937,027	91,191,049	1,099,448	110,132,901	106,982,695	104.6	101.63	0.97
Industrial:									
New Brunswick	—	—	—	—	—	—	—	—	—
Quebec	1,108	1,060,673	1,237,292	1,262	6,490,553	3,402,379	5,477.2	2,871.20	0.52
Ontario	4,059	37,020,128	21,345,965	4,621	48,410,865	28,859,786	11,017.5	6,112.83	0.55
Manitoba	312	4,307,857	1,523,180	220	4,574,487	1,713,924	15,559.5	5,829.67	0.37
Saskatchewan	298	16,785,907	3,437,987	374	15,330,927	3,215,758	47,317.7	9,925.18	0.21
Alberta	516	74,397,861	10,561,788	509	77,767,874	12,555,222	148,129.3	23,914.70	0.16
British Columbia	302	8,122,412	3,334,777	417	11,659,038	5,104,340	32,030.3	14,022.91	0.44
Canada	6,595	141,694,838	41,440,989	7,403	164,233,744	52,851,409	23,177.2	7,458.57	0.32
Commercial:									
New Brunswick	—	317	1,031	10	1,339	2,731	446.3	910.33	2.04
Quebec	10,977	945,400	1,691,868	11,983	1,372,793	2,256,745	118.8	195.51	1.65
Ontario	32,392	9,166,766	10,547,778	38,570	13,371,473	14,381,753	379.1	407.77	1.08
Manitoba	2,368	1,302,136	971,098	3,349	2,366,922	1,741,077	853.9	628.09	0.74
Saskatchewan	5,371	3,785,281	2,130,156	6,655	4,721,544	2,551,950	809.3	437.43	0.54
Alberta	18,528	25,016,352	7,755,106	19,800	25,633,681	9,151,439	1,350.9	482.29	0.36
British Columbia	14,656	3,269,002	4,011,689	15,768	3,654,057	4,568,796	241.4	301.85	1.25
Canada	84,292	43,485,254	27,108,726	96,135	51,121,809	34,656,491	570.9	387.02	0.68
Miscellaneous:									
New Brunswick	—	—	—	—	—	—	—	—	—
Quebec	—	—	—	—	—	—	—	—	—
Ontario	5	4,245	3,837	—	2,309	1,065	—	—	—
Manitoba	4	9,850	7,271	4	16,478	7,298	—	—	—
Saskatchewan	20	35,500	12,447	20	31,356	15,404	—	—	—
Alberta	90	61,638	16,388	96	69,103	21,824	—	—	—
British Columbia	13	1,737	1,102	13	1,711	1,052	—	—	—
Canada	132	112,970	41,045	133	120,957	46,743	—	—	—
Totals:									
New Brunswick	3,094	94,210	232,478	2,988	80,604	217,130	26.7	71.80	2.69
Quebec	230,854	5,120,901	9,263,836	232,922	12,176,943	13,680,168	52.5	58.96	1.12
Ontario	479,312	83,172,451	60,484,464	512,694	103,864,330	95,662,852	212.3	195.52	0.92
Manitoba	30,213	8,579,947	5,005,063	42,411	11,534,795	7,394,759	330.1	211.62	0.64
Saskatchewan	60,241	28,738,828	11,857,286	72,007	30,433,159	13,413,446	471.0	207.61	0.44
Alberta	198,903	137,388,821	34,568,303	210,308	141,731,535	40,741,186	696.8	200.30	0.29
British Columbia	116,544	20,134,931	18,370,379	129,789	25,788,045	23,427,797	211.1	191.79	0.91
Canada	1,119,161	283,230,089	159,781,809	1,203,119	325,609,411	194,537,338	283.3	169.24	0.60
Sales of liquefied petroleum gases:									
Residential	13,944	306,404	777,928	13,687	241,030	713,588	17.6	52.14	2.96
Industrial	343	34,942	74,720	283	24,927	57,473	88.1	203.06	2.31
Commercial	2,060	221,153	432,415	2,140	188,568	441,019	88.1	206.08	2.34
Miscellaneous	68	—	1,530	61	—	1,168	—	—	—
Totals	16,415	562,499	1,286,593	16,171	454,525	1,213,246	28.1	75.03	2.67
Sales of manufactured gas:									
Residential	12,821	606,128	663,626	12,098	636,640	726,759	52.6	60.06	1.14
Industrial	83	126,417	86,732	71	920,313	250,763	12,962.2	3,531.87	0.27
Commercial	873	195,955	210,507	837	187,094	217,114	223.5	259.40	1.16
Miscellaneous	—	—	—	—	—	—	—	—	—
Totals	13,777	928,500	960,865	13,004	1,744,047	1,194,636	134.1	91.87	0.88

¹ As at December 31, 1959.² As at December 31, 1960.³ Natural gas averages calculated on average number of customers in year; liquefied petroleum gases and manufactured gas averages calculated on customers as at December 31, 1960.

TABLE 2. Natural Gas Sales, by Category of Service, Province and Month, 1960⁷

No.		January	February	March	April	May
		Mcf.				
	Residential:					
1	New Brunswick	8,253	7,731	7,237	7,907	6,610
2	Quebec	387,325	655,046	488,772	476,506	411,228
3	Ontario	6,430,486	6,164,389	6,484,433	4,926,424	2,733,580
4	Manitoba	648,102	630,784	609,329	458,356	265,093
5	Saskatchewan	1,471,680	1,578,887	1,577,501	1,207,911	788,137
6	Alberta	5,552,826	5,563,410	5,583,710	3,715,293	2,634,039
7	British Columbia	1,571,814	1,342,334	1,209,013	861,984	635,825
8	Canada	16,070,486	15,942,581	15,959,995	11,654,381	7,474,512
	Industrial:					
9	New Brunswick	—	—	—	—	—
10	Quebec	207,918	391,180	444,017	386,100	397,194
11	Ontario	3,926,100	3,964,256	4,281,709	3,633,688	3,634,361
12	Manitoba	365,159	393,547	391,370	333,313	295,021
13	Saskatchewan	1,411,443	1,170,193	1,166,509	1,290,460	1,492,227
14	Alberta	6,685,203	6,347,059	7,047,286	6,270,012	6,752,062
15	British Columbia	837,221	893,282	1,075,172	914,736	954,026
16	Canada	13,433,044	13,159,517	14,406,063	12,828,309	13,524,891
	Commercial:					
17	New Brunswick	—	—	—	—	—
18	Quebec	131,122	173,573	146,632	143,866	122,808
19	Ontario	1,675,891	1,658,780	1,761,902	1,399,920	823,411
20	Manitoba	307,849	301,839	299,658	243,832	145,387
21	Saskatchewan	632,294	729,893	730,956	562,469	361,187
22	Alberta	3,588,880	3,640,932	3,531,263	2,441,581	1,755,899
23	British Columbia	497,569	448,984	414,990	308,132	231,746
24	Canada	6,833,605	6,954,001	6,885,401	5,099,800	3,440,492
	Miscellaneous:					
25	New Brunswick	—	—	—	—	—
26	Quebec	—	—	—	—	—
27	Ontario	527	622	—	—	—
28	Manitoba	1,668	1,495	1,545	1,336	6,253
29	Saskatchewan	4,819	4,768	4,604	2,500	1,067
30	Alberta	8,939	10,183	10,585	6,245	4,341
31	British Columbia	277	229	247	247	111
32	Canada	16,230	17,297	16,981	10,328	11,772
	Totals:					
33	New Brunswick	8,253	7,731	7,237	7,907	6,610
34	Quebec	726,365	1,219,799	1,079,421	1,006,472	931,284
35	Ontario	12,033,004	11,788,047	12,528,044	9,960,032	7,191,352
36	Manitoba	1,322,778	1,327,665	1,301,902	1,036,837	711,754
37	Saskatchewan	3,520,236	3,483,741	3,479,570	3,063,340	2,642,618
38	Alberta	15,835,848	15,561,584	16,172,844	12,433,131	11,146,841
39	British Columbia	2,906,881	2,684,829	2,699,422	2,085,099	1,821,708
40	Canada	36,353,365	36,073,396	37,268,440	29,592,818	24,451,667

TABLE 2. Natural Gas Sales, by Category of Service, Province and Month, 1960⁷

June	July	August	September	October	November	December	Total	No.
Mcf.								
6,303	6,107	4,833	5,391	6,180	6,312	6,401	79,265	1
337,717	234,233	193,811	188,065	230,074	314,497	396,323	4,313,597	2
1,490,490	1,095,775	859,401	891,554	1,778,803	3,645,094	5,579,254	12,079,683	3
115,049	75,795	60,367	109,145	285,388	552,718	766,782	4,576,908	4
429,074	252,622	162,609	200,726	402,304	849,686	1,428,195	10,349,332	5
1,789,664	1,077,858	844,798	1,236,591	2,019,760	3,346,522	4,896,406	38,260,877	6
399,191	251,669	292,004	424,390	647,254	1,217,980	1,619,781	10,473,239	7
4,567,488	2,994,059	2,417,823	3,055,862	5,369,763	9,932,809	14,693,142	110,132,901	8
-	-	-	-	-	-	-	-	9
407,641	485,862	830,306	491,908	656,188	770,903	1,021,336	6,490,553	10
3,525,496	3,273,672	3,750,266	3,921,716	4,385,985	4,796,399	5,317,217	48,410,865	11
419,094	396,584	444,322	434,234	332,708	360,644	408,491	4,574,487	12
1,266,913	1,227,653	1,103,518	1,152,014	1,330,613	1,375,110	1,344,274	15,330,927	13
6,028,773	5,738,698	6,331,163	6,198,859	6,662,768	6,704,842	7,001,149	77,767,874	14
857,014	823,364	828,631	945,148	1,045,868	1,217,892	1,266,684	11,659,038	15
12,504,931	11,945,833	13,288,206	13,143,879	14,414,130	15,225,790	16,359,151	164,233,744	16
-	-	93	161	234	327	524	1,339	17
103,525	78,302	78,144	70,581	89,822	101,640	133,724	1,372,793	18
528,804	431,607	493,624	847,522	773,688	1,197,520	1,778,804	13,371,473	19
64,012	42,325	45,836	60,631	140,875	305,032	409,646	2,366,922	20
183,165	116,698	77,856	85,546	169,405	393,647	678,408	4,721,544	21
1,143,981	741,681	623,380	902,346	1,492,687	2,446,551	3,324,500	25,633,681	22
220,250	143,325	128,461	166,171	229,706	367,867	496,856	3,654,057	23
2,242,757	1,553,938	1,447,394	2,132,958	2,896,417	4,812,584	6,822,462	51,121,809	24
-	-	-	-	-	-	-	-	25
-	-	-	-	-	-	-	-	26
-	-	-	-	485	675	-	2,309	27
428	246	207	300	590	1,011	1,399	16,478	28
1,250	795	392	826	2,256	3,801	4,278	31,356	29
3,228	1,832	1,742	2,671	3,891	6,370	9,076	69,103	30
79	53	-	-	94	128	246	1,711	31
4,985	2,926	2,341	3,797	7,316	11,985	14,999	120,957	32
6,303	6,107	4,926	5,552	6,414	6,639	6,925	80,604	33
847,883	798,397	1,102,261	750,554	976,084	1,187,040	1,551,383	12,176,943	34
5,544,790	4,801,054	5,103,291	5,660,792	6,938,961	9,639,688	12,675,275	103,864,330	35
598,583	514,950	550,732	604,310	759,561	1,219,405	1,586,318	11,534,795	36
1,880,422	1,597,768	1,344,375	1,439,112	1,904,578	2,622,244	3,455,155	30,433,159	37
8,965,646	7,560,069	7,801,083	8,340,467	10,179,106	12,504,285	15,231,131	141,731,535	38
1,476,534	1,218,411	1,249,096	1,535,709	1,922,922	2,803,867	3,383,567	25,788,045	39
19,320,161	16,496,756	17,155,764	18,336,496	22,687,626	29,983,168	37,888,754	325,609,411	40

TABLE 3. Natural Gas Revenues, by Category of Service, Province and Month, 1960^r

No.		January	February	March	April	May
		dollars				
	Residential:					
1	New Brunswick	22,924	19,249	18,851	19,217	16,302
2	Quebec	692,310	1,117,891	835,987	830,709	752,951
3	Ontario	7,775,486	7,397,029	7,750,256	6,113,182	3,761,735
4	Manitoba	521,680	512,655	496,584	381,622	239,119
5	Saskatchewan	967,688	1,026,561	1,016,857	828,523	601,423
6	Alberta	2,423,649	2,447,371	2,450,598	1,777,848	1,382,728
7	British Columbia	1,762,672	1,638,336	1,464,601	1,149,089	918,319
8	Canada	14,166,409	14,159,092	14,033,734	11,100,190	7,652,577
	Industrial:					
9	New Brunswick	—	—	—	—	—
10	Quebec	158,294	234,090	254,701	235,925	227,333
11	Ontario	2,307,088	2,352,076	2,500,435	2,145,296	2,007,531
12	Manitoba	143,902	155,813	154,292	133,901	114,500
13	Saskatchewan	298,607	268,403	244,882	287,178	288,750
14	Alberta	1,107,197	1,045,972	1,136,267	1,011,828	1,071,628
15	British Columbia	376,055	403,859	470,981	401,240	408,873
16	Canada	4,391,143	4,460,213	4,761,558	4,215,368	4,118,615
	Commercial:					
17	New Brunswick	—	—	—	—	—
18	Quebec	209,273	274,602	233,250	229,098	199,977
19	Ontario	1,788,435	1,750,480	1,864,354	1,512,239	932,890
20	Manitoba	225,687	237,190	225,675	182,374	112,566
21	Saskatchewan	324,398	371,088	365,297	292,430	197,892
22	Alberta	1,231,649	1,253,453	1,217,276	863,749	624,586
23	British Columbia	586,564	543,983	499,761	380,278	301,094
24	Canada	4,366,006	4,430,796	4,405,613	3,460,168	2,369,005
	Miscellaneous:					
25	New Brunswick	—	—	—	—	—
26	Quebec	—	—	—	—	—
27	Ontario	198	345	—	—	—
28	Manitoba	1,245	1,127	1,159	453	479
29	Saskatchewan	2,632	2,127	2,112	1,179	838
30	Alberta	3,367	2,898	3,060	1,985	1,247
31	British Columbia	163	135	147	139	73
32	Canada	7,605	6,632	6,478	3,756	2,637
	Totals:					
33	New Brunswick	22,924	19,249	18,851	19,217	16,302
34	Quebec	1,059,877	1,628,583	1,323,938	1,295,732	1,180,261
35	Ontario	11,871,207	11,499,930	12,115,045	9,770,717	6,702,156
36	Manitoba	892,514	906,785	877,710	698,350	466,664
37	Saskatchewan	1,593,325	1,668,179	1,629,148	1,409,310	1,088,903
38	Alberta	4,765,862	4,749,694	4,807,201	3,655,410	3,060,189
39	British Columbia	2,725,454	2,586,313	2,435,490	1,930,746	1,628,359
40	Canada	22,931,163	23,058,733	23,207,383	18,779,482	14,142,834

TABLE 3. Natural Gas Revenues, by Category of Service, Province and Month, 1960¹

June	July	August	September	October	November	December	Total	No.
dollars								
15,505	17,581	14,448	15,488	17,734	17,991	19,109	214,399	1
846,655	491,283	418,596	414,371	481,080	614,726	722,485	8,019,044	2
2,375,765	1,703,418	1,353,410	1,777,671	2,731,137	4,795,808	6,885,351	54,420,248	3
125,225	95,980	84,744	126,111	262,604	463,139	622,997	3,932,460	4
401,113	291,077	222,397	250,943	391,937	655,712	976,103	7,630,334	5
1,051,021	792,694	706,009	866,274	1,166,818	1,684,955	2,282,636	19,012,601	6
648,514	461,275	594,310	652,779	958,661	1,567,333	1,937,720	13,753,609	7
5,263,798	3,853,308	3,393,914	4,103,637	6,009,971	9,799,664	13,446,401	106,982,695	8
—	—	—	—	—	—	—	—	9
226,820	253,706	371,233	258,206	327,890	376,554	477,627	3,402,379	10
1,944,943	1,755,192	1,950,866	2,044,818	2,285,166	2,599,563	2,966,610	26,859,786	11
147,769	138,690	151,207	153,007	123,536	139,513	157,794	1,713,924	12
263,691	243,898	237,375	235,850	278,150	285,357	283,617	3,215,758	13
963,209	931,731	1,007,712	996,628	1,070,923	1,105,164	1,106,943	12,555,222	14
387,271	345,596	358,929	403,519	447,368	536,017	564,632	5,104,340	15
3,933,703	3,668,813	4,077,322	4,092,028	4,533,035	5,042,188	5,557,423	52,851,409	16
—	—	195	329	479	671	1,057	2,731	17
174,862	136,481	136,452	124,824	153,403	168,678	217,845	2,258,745	18
637,403	526,956	583,835	926,715	865,913	1,299,461	1,693,072	14,381,753	19
52,544	35,832	37,836	48,676	108,342	207,196	267,159	1,741,077	20
113,170	79,641	62,723	66,015	109,596	216,884	352,816	2,551,950	21
430,215	298,476	256,130	354,437	556,382	876,796	1,188,290	9,151,439	22
240,540	192,992	206,838	235,384	307,111	470,289	603,962	4,568,796	23
1,648,734	1,270,376	1,284,009	1,756,380	2,101,226	3,239,975	4,324,201	34,656,491	24
—	—	—	—	—	—	—	—	25
—	—	—	—	—	—	—	—	26
—	—	—	—	218	304	—	1,065	27
327	194	163	224	419	670	838	7,298	28
632	435	256	444	1,031	1,727	1,991	15,404	29
918	548	460	861	1,417	2,244	2,919	21,924	30
59	44	—	—	64	84	144	1,052	31
1,936	1,221	879	1,529	3,149	5,029	5,892	46,743	32
15,505	17,581	14,643	15,817	18,213	16,662	20,166	217,130	33
1,048,337	681,470	926,281	797,401	962,373	1,159,958	1,417,957	13,680,168	34
4,958,111	3,985,566	3,888,111	4,749,204	5,882,436	8,695,136	11,545,233	95,662,852	35
325,865	270,696	273,950	328,018	494,901	810,518	1,048,788	7,394,759	36
778,606	615,051	522,751	553,252	780,714	1,159,680	1,614,527	13,413,446	37
2,445,363	2,023,449	1,970,311	2,218,200	2,795,540	3,669,179	4,580,788	40,741,186	38
1,276,384	999,907	1,160,077	1,291,682	1,713,204	2,573,723	3,106,458	23,427,797	39
10,848,171	8,793,720	8,756,124	9,953,574	12,647,381	18,086,856	23,333,917	194,537,338	40

TABLE 4. Manufactured Gas Sales and Revenue from Sales, by Category of Service, and Month, 1960

No.		January	February	March	April	May
Sales:						
1	Residential	Mcf. 92,372	72,271	54,881	50,824	43,889
2	Industrial	" 28,256	64,999	91,712	75,867	83,034
3	Commercial	" 21,874	17,352	15,608	15,244	15,633
4	Miscellaneous	" —	—	—	—	—
5	Totals	" 142,502	154,622	162,201	141,935	142,556
Revenue:						
6	Residential	\$ 97,801	75,859	59,250	58,565	52,438
7	Industrial	\$ 14,367	18,374	24,099	19,999	21,910
8	Commercial	\$ 23,039	20,181	18,294	17,784	18,241
9	Miscellaneous	\$ —	—	—	—	—
10	Totals	\$ 135,207	114,414	101,643	96,348	92,589

TABLE 5. Pipe Line Sales of Liquefied Petroleum Gases and Revenue from Sales, by Category of Service and Month, 1960

No.		January	February	March	April	May
Sales:						
1	Residential	Mcf. 28,526	24,743	24,017	21,486	19,033
2	Industrial	" 3,187	3,114	1,895	1,625	1,768
3	Commercial	" 20,564	20,154	15,782	15,448	14,197
4	Miscellaneous	" —	—	—	—	—
5	Totals	" 52,277	48,011	41,694	38,759	34,998
Revenue:						
6	Residential	\$ 74,623	68,594	68,184	61,811	57,461
7	Industrial	\$ 5,731	7,077	5,523	4,292	4,147
8	Commercial	\$ 46,577	44,732	44,863	35,152	32,637
9	Miscellaneous	\$ 118	119	118	118	91
10	Totals	\$ 127,049	120,522	118,688	101,373	94,336

TABLE 6. Natural Gas Receipts and Disposition, by Province, 1960

No.		New Brunswick	Quebec
Mcf.			
Receipts of natural gas into distribution systems:			
1	From gathering systems or processing plants	102,819	—
2	From Canadian transmission systems	—	12,205,001
3	Other receipts	6,564	—
4	Total net receipts	109,383	12,205,001
5	From storage	—	—
6	Returned to distribution systems from transmission systems	—	1,157,434
7	Transferred from distribution systems	—	—
8	Total gross receipts	109,383	13,362,435
Deliveries of natural gas out of distribution systems:			
9	To ultimate consumers	80,604	12,176,943
10	Other deliveries	—	—
11	Total net deliveries	80,604	12,176,943
12	To storage	—	—
13	Delivered to transmission systems	—	—
14	Transferred to distribution systems	—	—
15	Total gross deliveries	80,604	12,176,943
16	Line pack fluctuations	—	— 2,065
17	Gas used in system	—	220,853
18	Metering differences, line losses, cyclical billing adjustments and unaccounted for	28,779	966,704
19	Total disposition of receipts	109,383	13,362,435

TABLE 4. Manufactured Gas Sales and Revenue from Sales, by Category of Service, and Month, 1960

June	July	August	September	October	November	December	Total	No.
29,870	32,060	33,765	44,899	52,699	50,025	79,085	636,640	1
75,827	47,508	97,685	78,825	91,252	105,884	79,464	920,313	2
12,254	13,311	13,217	14,583	14,823	14,530	18,665	187,094	3
—	—	—	—	—	—	—	—	4
117,951	92,879	144,667	138,307	158,774	170,439	177,214	1,744,047	5
39,841	40,024	44,545	54,836	64,188	56,962	82,650	726,759	6
19,840	15,009	23,999	20,742	23,855	27,125	21,444	250,763	7
14,782	15,780	15,399	16,629	17,530	17,300	22,155	217,114	8
—	—	—	—	—	—	—	—	9
74,463	70,813	83,943	92,007	105,573	101,387	126,249	1,194,636	10

TABLE 5. Pipe Line Sales of Liquefied Petroleum Gases and Revenue from Sales, by Category of Service and Month, 1960

June	July	August	September	October	November	December	Total	No.
16,724	14,339	13,225	15,075	17,465	21,010	25,387	241,030	1
1,535	1,539	1,537	1,637	1,956	2,292	2,642	24,927	2
12,027	11,792	11,545	12,642	14,841	17,819	21,757	188,568	3
—	—	—	—	—	—	—	—	4
30,286	27,670	26,307	29,354	34,262	41,121	49,786	454,525	5
33,494	47,891	46,226	49,450	55,320	61,226	69,308	713,588	6
3,689	3,703	3,880	3,866	4,461	5,196	5,908	57,473	7
28,499	28,032	28,342	29,760	33,721	40,242	47,962	441,019	8
46	110	113	112	109	—	112	1,166	9
85,728	79,736	79,061	83,188	93,611	106,664	123,290	1,213,246	10

TABLE 6. Natural Gas Receipts and Disposition, by Province, 1960

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada	No.
Mcf.						
10,273,893	—	25,472,414	134,412,556	286,258	170,547,940	1
98,324,812	11,523,315	6,225,989	24,477,391	25,923,922	178,680,430	2
—	—	—	—	62,303	68,867	3
108,598,705	11,523,315	31,698,403	158,889,947	26,272,483	349,297,237	4
167,258	—	79,123	2,013,190	—	2,259,571	5
5,027,925	—	—	—	—	6,185,359	6
23,030,139	—	—	8,407,531	—	31,437,670	7
136,824,027	11,523,315	31,777,526	169,310,668	26,272,483	389,179,837	8
103,864,330	11,534,795	30,433,159	141,731,535	25,788,045	325,609,411	9
—	—	—	—	—	—	10
103,864,330	11,534,795	30,433,159	141,731,535	25,788,045	325,609,411	11
236,298	—	1,360,876	2,473,728	—	4,070,902	12
6,343,063	—	—	16,153,274	—	22,496,337	13
23,106,233	—	—	8,761,395	—	31,867,628	14
133,549,924	11,534,795	31,794,035	169,119,832	25,788,045	384,044,278	15
1,461	—	5,502	—	8,600	13,498	16
492,853	—	479,942	352,535	15,000	1,551,183	17
2,789,789	— 11,480	— 501,953	— 161,799	460,838	3,570,878	18
136,824,027	11,523,315	31,777,526	169,310,668	26,272,483	389,179,837	19

TABLE 7. Pipe Line Mileage, by Size of Pipe, and Province, as at December 31, 1960, 1959 and 1958

No.		1960						
		Outside diameter of pipe in inches						Total
		0-2.9	3-5.9	6-8.9	9-12.9	13-20.9	21 and over	
		miles						
	Natural gas utilities:							
	Gathering:							
1	New Brunswick	6.5	—	—	—	—	—	6.5
2	Quebec	—	—	—	—	—	—	—
3	Ontario	332.1	156.2	57.1	5.3	3.0	—	553.7
4	Manitoba	—	—	—	—	—	—	—
5	Saskatchewan	11.3	68.7	42.6	21.3	—	—	143.9
6	Alberta	31.1	373.2	193.4	130.4	40.8	—	768.9
7	British Columbia	—	—	—	—	—	—	—
8	Canada	381.0	598.1	293.1	157.0	43.8	—	1,473.0
	Transmission:							
9	New Brunswick	—	4.2	0.2	9.0	—	—	13.4
10	Quebec	—	—	—	—	—	—	—
11	Ontario	240.5	420.6	637.9	345.2	22.4	—	1,666.6
12	Manitoba	6.5	74.6	1.5	22.4	—	—	105.0
13	Saskatchewan	182.1	255.1	482.4	593.0	207.5	—	1,720.1
14	Alberta	205.9	624.5	533.6	517.2	503.9	—	2,385.1
15	British Columbia	8.6	86.6	47.2	268.8	—	—	411.2
16	Canada	643.6	1,465.6	1,702.8	1,755.6	733.8	—	6,301.4
	Distribution:							
17	New Brunswick	8.1	14.0	11.0	1.0	—	—	32.1
18	Quebec	40.3	307.6	523.6	135.4	98.5	9.7	1,115.1
19	Ontario	3,965.1	2,950.3	2,000.4	506.7	89.3	17.0	9,528.8
20	Manitoba	435.5	203.1	113.0	71.3	10.9	—	833.8
21	Saskatchewan	711.1	264.1	188.8	30.4	10.9	—	1,205.3
22	Alberta	1,451.7	751.0	325.7	100.9	46.3	—	2,675.6
23	British Columbia	1,778.9	706.9	306.0	101.5	99.0	36.0	3,028.3
24	Canada	8,388.7	5,197.0	3,468.5	947.2	354.9	62.7	18,419.0
25	Grand totals	9,413.3	7,260.7	5,464.4	2,859.8	1,132.5	62.7	26,193.4
		Outside diameter of pipe in inches						
		0-2.9	3-5.9	6-8.9	9-12.9	13-20.9		Total
		miles						
	Manufactured and liquefied petroleum gases utilities:							
26	Quebec	39.1	58.8	63.1	12.1	1.9	—	175.0
27	Ontario	65.3	4.4	9.6	0.5	—	—	79.8
28	British Columbia	110.6	78.0	14.4	4.3	—	—	207.3
29	Canada	215.0	141.2	87.1	16.9	1.9	—	462.1

TABLE 7. Pipe Line Mileage, by Size of Pipe, and Province, as at December 31, 1960, 1959 and 1958

1959*							1958*							No.
Outside diameter of pipe in inches														
0-2.9	3-5.9	6-8.9	9-12.9	13-20.9	21 and over	Total	0-2.9	3-5.9	6-8.9	9-12.9	13-20.9	21 and over	Total	
miles														
10.6	—	—	—	—	—	10.6	10.6	—	—	—	—	—	10.6	1
—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
375.1	153.0	57.6	5.2	3.0	—	593.9	375.4	158.9	54.9	5.3	3.0	—	597.5	3
—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
14.2	63.9	36.4	21.3	—	—	135.8	19.4	59.1	35.4	30.1	—	—	144.0	5
27.1	254.8	216.0	143.5	60.1	—	701.5	19.8	231.7	206.7	123.4	60.2	—	641.8	6
—	—	—	—	—	—	—	—	—	—	—	—	—	—	7
427.0	471.7	310.0	170.0	63.1	—	1,441.8	425.2	449.7	297.0	158.8	63.2	—	1,393.9	8
—	11.4	—	—	—	—	11.4	—	11.4	—	—	—	—	11.4	9
—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
259.7	403.3	598.2	345.9	21.0	—	1,628.1	243.9	366.2	584.7	349.3	22.0	—	1,566.1	11
6.5	72.5	—	22.4	—	—	101.4	5.2	58.1	6.6	15.8	—	—	85.7	12
111.1	85.9	403.4	593.0	207.5	—	1,400.9	65.8	77.5	152.4	510.0	207.5	—	1,013.2	13
139.5	622.4	523.8	469.7	484.2	—	2,239.6	92.7	460.7	493.4	469.6	481.5	—	1,997.9	14
2.2	83.8	43.5	268.8	—	—	396.3	0.8	83.4	43.5	268.8	—	—	396.5	15
519.0	1,279.3	1,568.9	1,699.8	712.7	—	5,779.7	408.4	1,057.3	1,280.6	1,613.5	711.0	—	5,070.8	16
65.4	—	—	—	—	—	65.4	65.4	—	—	—	—	—	65.4	17
3.9	261.6	504.5	120.8	96.7	9.9	1,027.4	4.4	296.6	488.5	82.2	89.5	9.9	971.1	18
3,691.5	2,890.9	1,950.2	505.4	88.3	18.0	9,144.3	3,129.4	2,638.3	1,752.5	480.1	77.6	17.0	8,094.9	19
322.1	183.9	102.2	71.1	11.0	—	690.3	216.3	143.0	76.2	63.3	11.0	—	509.8	20
596.9	242.4	178.1	31.7	10.9	—	1,060.0	516.9	223.4	163.9	31.6	10.9	—	946.7	21
1,278.1	716.6	313.3	100.6	46.4	—	2,455.0	1,114.2	658.9	290.4	96.8	37.1	—	2,197.4	22
1,510.6	691.3	302.2	98.2	89.0	18.0	2,709.3	1,283.9	635.4	279.4	92.2	83.0	6.0	2,379.9	23
7,468.5	5,016.7	3,350.5	927.8	342.3	45.9	17,151.7	6,330.5	4,595.6	3,050.9	846.2	309.1	32.9	15,165.2	24
6,414.5	6,767.7	5,229.4	2,797.6	1,118.1	45.9	24,373.2	7,164.1	6,102.6	4,628.5	2,618.5	1,083.3	32.9	21,629.9	25
Outside diameter of pipe in inches														
0-2.9	3-5.9	6-8.9	9-12.9	13-20.9	Total									
miles							Not available							
38.9	59.2	62.2	11.9	1.9	174.1									26
67.6	4.3	10.9	0.5	—	83.3									27
107.9	77.7	14.5	4.0	—	204.1									28
214.4	141.2	87.8	16.4	1.9	461.5									29

TABLE 8. Compressor and Meter Stations Operated by Natural Gas Utilities, by Province, as at December 31, 1960

	Number of active compressor stations			Number of active meter stations	Number of prime movers			Horse-power	Number of compressors
	Remote control	Other	Total		Conventional	Gas turbine	Total		
New Brunswick	—	—	—	2	—	—	—	—	—
Ontario	—	5	5	131	6	—	6	2,010	6
Manitoba	—	—	—	13	—	—	—	—	—
Saskatchewan	—	3	3	93	14	2	16	10,300	9
Alberta	1	9	10	149	29	—	29	13,896	30
British Columbia	—	—	—	26	—	—	—	—	—
Totals	1	17	18	414	49	2	51	26,206	45

TABLE 9. Property Account of Gas Utilities, by Region, 1959-60¹

	Total at December 31, 1959 ¹	Gross additions during 1960	Retirements during 1960	Other changes during 1960	Total at December 31, 1960	Total at December 31, 1960	
						Eastern Canada	Western Canada
	dollars						
Natural gas distribution systems:							
Intangible plant	12,842,506	490,193	12,847	(242,450)	13,077,402	725,632	12,351,770
Production plant	26,857,468	2,227,892	100,024	—	28,985,336	196,538	28,788,798
Manufacturing gas plant ²	18,305,073	—	464,861	—	17,840,212	17,840,212	—
Gathering plant:							
Land and land rights	18,485,008	1,264,072	76,456	(944)	19,671,680	309,499	19,362,181
Compressor, measuring and regulating structures and improvements	1,158,566	158,697	14,163	—	1,303,100	549,109	753,991
Gathering lines	17,934,660	3,386,505	111,639	(1,467,402)	19,742,124	6,634,735	13,107,389
Compressor, measuring and regulating equipment	3,112,667	179,573	153,553	(19,490)	3,119,197	246,529	2,872,668
Other gathering plant	17,510,008	1,366,875	661,064	(37,439)	18,178,380	764,564	17,413,816
Total gathering plant	58,200,909	6,355,722	1,016,875	(1,525,278)	62,014,481	8,504,436	53,510,045
Products extraction plant	2,018,813	540,112	9,107	—	2,549,818	355,998	2,193,820
Underground storage plant	4,952,882	311,033	157,154	2,712,332	7,818,893	6,028,982	1,789,911
Transmission plant:							
Land and land rights	2,062,924	442,540	7,226	192,458	2,690,696	297,635	2,393,061
Compressor, measuring and regulating structures and improvements	780,673	610,975	11,390	—	1,380,258	229,658	1,150,600
Mains	114,098,762	7,388,271	383,027	1,254,386	122,358,392	25,565,190	96,793,202
Compressor, measuring and regulating equipment	4,483,153	1,510,160	12,665	3,923	5,984,571	599,281	5,385,290
Other transmission plant	2,460,322	235,197	2,862	784	2,693,441	—	2,693,441
Total transmission plant	123,885,834	10,187,143	417,170	1,451,551	135,107,358	26,691,764	108,415,594
Distribution plant:							
Land and land rights	3,356,477	181,348	894,812	(58,380)	2,584,633	1,219,212	1,365,421
Compressor, measuring and regulating structures and improvements	3,534,044	202,196	83,327	549,155	4,202,068	2,551,283	1,650,785
Mains and services	253,415,001	36,686,120	997,906	22,585,367	311,688,582	199,583,818	112,304,764
Compressor, measuring and regulating equipment	28,953,022	2,985,713	286,507	411,254	32,063,462	18,026,076	14,037,406
Other distribution plant	85,773,883	19,894,860	3,120,706	19,992,800	122,540,837	75,560,648	46,980,189
Total distribution plant	375,032,427	59,950,237	5,383,258	43,480,196	473,079,602	296,741,037	176,338,565
General plant:							
Land and land rights	2,482,808	682,784	17,572	(2,957)	3,145,063	636,224	2,508,839
Structures and improvements	11,930,243	960,757	4,687	67,379	12,953,692	1,719,263	11,234,429
Transportation equipment	7,056,422	1,342,766	438,567	(66,310)	7,892,311	3,269,948	4,622,363
Tools and work equipment	8,143,837	1,070,596	181,803	121,792	9,154,422	3,751,155	5,403,267
Other general plant	5,807,050	1,302,680	276,479	1,055,837	7,889,088	5,288,435	2,600,653
Total general plant	35,420,360	5,359,583	919,108	1,173,741	41,034,576	14,615,025	26,369,551
Other plant	2,445,013	—	587,825	—	1,857,188	—	1,857,188
Undistributed plant	73,794,487	4,252,626	420,407	(48,673,248)	28,953,458	21,452,621	7,500,837
Total plant	733,755,572	89,674,541	9,488,636	(1,623,153)	812,318,324	393,202,245	419,116,079
Manufactured and liquefied petroleum gases distribution systems:							
Intangible plant	153,759	1,072	—	—	154,831	..	..
Manufacturing gas plant	1,230,803	—	21,763	—	1,209,040	..	..
Distribution plant:							
Land and land rights	136,594	—	—	—	136,594	..	..
Compressor, measuring and regulating structures and improvements	216,724	—	—	—	216,724	..	..
Mains	4,784,665	73,796	3,184	—	4,855,277	..	..
Compressor, measuring and regulating equipment	563,251	7,904	16,817	—	554,338	..	..
Other distribution plant	2,395,751	63,938	1,469	—	2,458,220	..	..
Total distribution plant	8,096,985	145,638	21,470	—	8,221,153	..	..
General plant	520,795	133,653	21,423	—	633,025	..	..
Undistributed plant	84,004	—	—	(680)	83,324	..	..
Total plant	10,086,346	280,363	64,656	(680)	10,301,373	..	..
Grand totals	743,841,918	89,954,904	9,553,292	(1,623,833)	822,619,697	..	..

¹ Includes reports for fiscal year end most closely approximating calendar year.² Includes accounts of manufactured gas plant for systems which distribute both natural and manufactured gas.

TABLE 10. Balance Sheet of Gas Utilities, by Region, as at December 31, 1960¹

	Natural gas			Manufactured and liquefied petroleum gases	Total Canada
	Eastern Canada	Western Canada	Total Canada		
	dollars				
Assets					
Total plant	393,202,245	419,116,079	812,318,324	10,301,373	822,619,697
Accumulated depreciation and/or amortization	58,964,190	59,432,817	118,397,007	3,146,221	121,543,228
Total plant less accumulated depreciation and/or amortization	334,238,055	359,683,262	693,921,317	7,155,152	701,076,469
Investments	56,459,548	22,079,095	78,538,643	876,817	79,415,460
Current assets:					
Cash, special deposits	2,150,194	4,686,480	6,836,674	7,285	6,843,959
Accounts receivable	32,097,574	16,750,286	48,847,860	230,278	49,078,138
Material and supplies	12,758,104	4,947,168	17,705,272	46,066	17,751,338
Other current assets	5,144,378	949,045	6,093,423	6,251	6,099,674
Total current assets	52,150,250	27,332,979	79,483,229	289,880	79,773,109
Deferred debits	18,239,520	9,704,097	27,943,617	35,467	27,979,084
Total assets	461,087,373	418,799,433	879,886,806	8,357,316	888,244,122
Liabilities					
Current liabilities:					
Accounts payable	65,654,765	15,237,768	80,892,553	1,131,168	82,023,721
Customer's deposits	923,550	5,324,068	6,247,618	28,752	6,276,370
Long term debt due within one year	5,159,700	5,978,980	11,138,680	78,000	11,216,680
Other current liabilities	3,601,243	5,301,563	9,102,806	—	9,102,806
Total current liabilities	75,539,278	31,842,379	107,381,657	1,237,920	108,619,577
Long term debt	196,181,522	271,917,875	468,099,397	6,452,381	474,551,778
Deferred credits and reserves	6,644,490	4,399,278	11,043,768	1,004	11,044,772
Capital stock and surplus:					
Preferred stock	45,004,620	28,615,094	73,619,714	51,400	73,671,114
Common stock	73,557,130	35,731,157	109,288,287	1,163,197	110,451,484
Contributed surplus	15,873,609	7,203,175	23,076,784	5,000	23,081,784
Excess of appraised value	34,867,636	—	34,867,636	—	34,867,636
Retained earnings	13,419,088	38,890,475	52,309,563	(553,586)	51,755,977
Total capital stock and surplus	182,722,083	110,639,901	293,361,984	666,011	294,027,995
Total liabilities	461,087,373	418,799,433	879,886,806	8,357,316	888,244,122

¹ Includes reports for fiscal year and most closely approximating calendar year.

TABLE 11. Income Statement of Gas Utilities, by Region, 1960

	Natural gas			Manufactured and liquefied petroleum gases	Total Canada
	Eastern Canada	Western Canada	Total Canada		
	dollars				
Operating revenues:					
Gas sales ^{1,2}	111,696,911	86,716,460	198,413,371	2,093,937	200,507,308
Sales of by-products	5,931,135	115,365	6,046,500	—	6,046,500
Revenue from transportation of gas of others	109,785	792,823	902,608	—	902,608
Other operating revenues	2,263,789	902,016	3,165,805	33,786	3,199,591
Total operating revenues	120,001,620	88,526,664	208,528,284	2,127,723	210,656,007
Operating expenses:					
Cost of gas sold ¹	53,216,334	25,593,909	78,810,243	824,800	79,635,043
Gathering operation	4,967,499	825,307	5,792,806	33,515	5,826,321
Products extraction operation	6,912	650	7,562	—	7,562
Underground storage operation	26,483	166,480	192,963	157,784	350,747
Transmission operation	499,699	4,599,590	5,099,289	193,364	5,292,653
General operation	18,374,984	6,352,137	24,727,121	336,848	25,063,969
Administrative and general expenses	4,067,753	7,710,685	11,778,438	352,231	12,130,669
Maintenance expenses	4,636,840	1,882,136	6,520,976	70,735	6,591,711
Municipal and other taxes	3,706,520	3,259,711	6,966,231	93,358	7,059,589
Rent for gas plant leased from others	4,235,947	74,252	4,310,199	—	4,310,199
Other operating expenses	1,259,857	440,245	1,700,102	14,249	1,714,351
Total operating expenses	95,000,828	50,905,102	145,905,930	2,076,884	147,982,814
Net revenue from operations	25,000,792	37,621,562	62,622,354	50,839	62,673,193
Revenue from gas plant leased to others	900	23,293	24,193	—	24,193
Income from investments, affiliated companies, sinking and other....	5,159,927	2,047,461	7,207,388	22,942	7,230,330
	30,161,619	39,692,316	69,853,935	73,781	69,927,716
Depreciation	7,140,949	9,150,436	16,291,385	258,683	16,550,068
Amortization	1,216,678	340,837	1,557,513	5,227	1,562,740
Interest on long term debt and amounts due affiliated companies	10,787,134	9,069,525	19,856,659	113,377	19,970,036
Other income deductions	2,541,096	919,350	3,460,446	—	3,460,446
	21,685,855	19,480,146	41,166,003	377,287	41,543,290
Net income before income taxes	8,475,764	20,212,168	28,687,932	(303,506)	28,384,426
Income taxes	2,997,300	6,646,767	9,644,067	1,749	9,645,816
Net income after income taxes	5,478,464	13,565,401	19,043,865	(305,255)	18,738,610

¹ Intercompany transactions eliminated.² Revenue from sales does not agree with revenue, Table 1, due to differences in reporting. Table 1 is for calendar year for all gas distribution companies, while the above table is compiled from companies which reported in the fiscal year most closely corresponding to the calendar year and sold more than 10,000 Mcf.

TABLE 12. Funds Flow Statement of Gas Utilities, 1960

Application of funds	Dollars	Source of funds	Dollars
Increased cash and near cash	8,166,744	Increased current liabilities	18,612,475
Invested in plant	89,917,455	Sale of long term debt securities	24,751,538
Increased prepaid expenses, deferred debits and other current assets	1,270,439	Received advances from affiliated companies	6,046,881
Increased investments in affiliated companies and other	10,514,206	Sale of plant	6,869,436
Decreased deferred credits and reserves	1,545,228	Sale of equity securities:	
Expenses and deductions:		Preferred stock	6,439,300
Cost of gas sold ¹	79,635,043	Common stock	20,647,845
Other operating expenses	68,347,773	Premium on sale of securities	761,618
Interest on long term debt and other charges	20,455,354	Other changes in property	1,626,441
Income taxes	9,645,616	Decreased inventories of supplies and materials	3,939,546
Other deductions	7,397,142	Other	4,091,010
Dividends:		Revenue and Income:	
Preferred stock	2,634,162	Gas sales ¹	200,507,308
Common stock	8,766,916	Sales of by-products	6,046,500
Other	3,400,342	Revenue from transportation of gas of others	902,608
Total uses	311,696,620	Other operating revenue	3,199,591
		Miscellaneous income	7,254,523
		Total sources	311,696,620

¹ Intercompany transactions eliminated.

TABLE 13. Employees and Earnings of Gas Utilities, by Province, 1960

Province	Total		Natural gas systems		Manufactured and other gases systems	
	Average number employed	Salaries and wages	Average number employed	Salaries and wages	Average number employed	Salaries and wages
		\$		\$		\$
New Brunswick	18	65,965	18	65,965	—	—
Quebec	1,429	6,304,401	1,364	6,180,255	65	124,146
Ontario	4,365	19,572,343	4,335	19,464,178	30	108,165
Manitoba	341	1,453,205	341	1,453,205	—	—
Saskatchewan	713	3,597,564	713	3,597,564	—	—
Alberta	1,759	8,376,418	1,759	8,376,418	—	—
British Columbia	681	3,690,752	620	3,371,534	61	319,218
Canada	9,306	43,060,648	9,150	42,509,119	156	551,529

TABLE 14. Natural Gas Receipts and Disposition of the Gas Utilities and the Gas Pipe Line Transport Industries, by Province, 1960

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
	Mcf.							
Receipts								
Gas received into gathering systems	102,819	—	18,258,805	—	25,472,414	324,609,616	81,755,386	450,199,040
Imports from the United States	—	—	5,476,580	—	—	74,017	—	5,550,597
Other receipts	6,564	—	—	—	—	—	62,303	68,867
Total net receipts	109,383	—	23,735,385	—	25,472,414	324,683,633	81,817,689	455,818,504
Received from storage	—	—	12,813,408	—	79,123	2,013,190	—	14,905,721
Received from other provinces	—	13,362,435	103,217,610	128,066,325	135,502,324	—	30,502,605	—
Inter-company transfers	—	—	40,040,205	—	—	8,407,531	—	48,447,736
Total gross receipts	109,383	13,362,435	179,806,608	128,066,325	161,053,861	335,104,354	112,320,294	519,171,961
Deliveries								
Sales of natural gas	80,604	12,176,943	103,864,330	11,534,795	30,433,159	141,731,535	25,788,045	325,609,411
Exports to the United States	—	—	—	12,485,400	—	16,112,462	83,885,919	112,483,781
Other deliveries	—	—	—	—	—	—	—	—
Total net deliveries	80,604	12,176,943	103,864,330	24,020,195	30,433,159	157,843,997	109,673,964	438,093,192
Delivered to storage	—	—	17,086,720	—	1,360,876	2,473,728	—	20,921,324
Delivered to other provinces	—	—	13,362,435	103,217,610	128,066,325	166,004,929	—	—
Inter-company transfers	—	—	40,256,237	—	—	8,706,630	—	48,962,867
Total gross deliveries	80,604	12,176,943	174,569,722	127,237,805	159,860,360	335,029,284	109,673,964	507,977,383
Line pack fluctuations	—	— 2,065	— 217,714	—	5,502	184,065	29,019	— 1,193
Gas used in system	—	220,853	1,833,611	380,000	1,229,942	367,841	1,939,608	5,971,855
Metering differences, line losses and unaccounted for	28,779	966,704	3,620,989	448,520	— 41,943	— 476,836	677,703	5,223,916
Total disposition	109,383	13,362,435	179,806,608	128,066,325	161,053,861	335,104,354	112,320,294	519,171,961

TABLE 15. Natural Gas Pipe Line Mileage of the Gas Utilities and the Gas Pipe Line Transport Industries,¹ by Province, as at December 31, 1953-60

	1953 ²	1954 ²	1955 ²	1956 ^{2,3}	1957	1958 ⁴	1959 ⁴	1960
	miles							
Gathering:⁴								
New Brunswick	21	21	21	10	10.6	10.6	10.6	6.5
Quebec	—	—	—	—	—	—	—	—
Ontario	2,446	2,079	2,166	851	941.2	940.4	955.4	909.5
Manitoba	—	—	—	—	—	—	—	—
Saskatchewan	115	188	474	99	91.8	269.2	278.2	286.3
Alberta	1,625	1,820	1,915	948	972.0	1,675.9	1,657.6	2,067.6
British Columbia	—	6	6	6	120.5	212.5	337.5	410.4
Totals	4,206	4,114	4,582	1,914	2,136.1	3,108.6	3,439.3	3,680.3
Transmission:								
New Brunswick	—	—	—	11	11.4	11.4	11.4	13.4
Quebec	—	—	—	—	26.5	26.5	25.0	25.0
Ontario	—	—	—	1,284	2,519.6	3,466.1	3,528.6	3,565.9
Manitoba	—	—	—	—	354.0	375.0	391.3	444.0
Saskatchewan	—	—	—	635	1,093.2	1,395.2	1,782.9	2,102.5
Alberta	—	—	—	1,797	2,127.3	2,581.2	3,094.5	3,452.5
British Columbia	—	—	—	37	1,101.6	1,101.7	1,103.5	1,112.3
Totals	—	—	—	3,764	7,233.6	8,957.1	9,937.2	10,715.6
Distribution:								
New Brunswick	65	65	65	65	65.4	65.4	65.4	32.1
Quebec	—	—	—	—	962.5	971.1	1,027.4	1,115.1
Ontario	2,258	3,560	3,778	4,667	5,769.9	8,094.9	9,144.3	9,528.8
Manitoba	—	—	—	146	433.0	509.8	690.3	833.8
Saskatchewan	31	80	162	339	879.3	946.7	1,060.0	1,205.3
Alberta	1,503	1,506	1,672	1,879	2,075.0	2,201.9	2,455.0	2,675.6
British Columbia	—	5	6	925	1,902.1	2,379.9	2,709.3	3,028.3
Totals	3,857	5,216	5,683	8,021	12,087.2	15,169.7	17,151.7	18,419.0
Grand totals	8,063	9,330	10,265	13,699	21,456.9	27,235.4	30,528.2	32,814.9

¹ Includes pipe line mileage of producing companies.

² Source: Department of Mines and Technical Surveys questionnaire returns and estimates.

³ Does not include 210 miles of Trans-Canada pipe line laid in 1956.

⁴ Includes transmission lines for 1953-55.

TABLE 16. Compressor Stations of the Gas Utilities and the Gas Pipe Line Transport Industries, as at December 31, 1960

	Compressor stations			Horse-power		
	Gas pipe line transmission systems	Gas distribution systems	Total	Gas pipe line transmission systems	Gas distribution systems	Total
British Columbia	4	—	4	54,370	—	54,370
Alberta	1	10	11	370	13,896	14,266
Saskatchewan	7	3	10	69,665	10,300	79,965
Manitoba	3	—	3	25,520	—	25,520
Ontario	12	5	17	64,770	2,010	66,780
Quebec	—	—	—	—	—	—
Totals	27	18	45	214,695	26,206	240,901

**TABLE 17. Property Account of the Natural Gas Utilities and the Gas Pipe Line Transport Industries,
as at December 31, 1959-60**

	Total at December 31, 1959			Net additions during 1959	Total at December 31, 1960		
	Gas pipe line transmission systems	Natural gas distribution systems	Total		Gas pipe line transmission systems	Natural gas distribution systems	Total
	dollars						
Intangible plant	19,042,457	12,842,506	31,884,963	813,246	19,620,807	13,077,402	32,698,209
Gathering and production plant.....	19,717,476	85,058,377	104,775,853	5,804,167	19,580,203	90,999,817	110,580,020
Manufacturing gas plant ¹	—	18,305,073	18,305,073	(464,861)	—	17,840,212	17,840,212
Products extraction plant	20,741,356	2,018,813	22,760,169	580,519	20,790,870	2,549,818	23,340,688
Underground storage plant.....	4,080,735	4,952,682	9,033,417	3,710,249	4,924,773	7,818,893	12,743,666
Transmission plant:							
Land and land rights	4,097,449	2,062,924	6,160,373	1,057,545	4,527,222	2,690,696	7,217,918
Compressor, measuring and regulating structures and improvements	6,185,174	780,673	6,965,847	7,790,539	13,376,128	1,380,258	14,756,386
Mains	409,817,449	114,098,762	523,916,211	120,323,004	521,880,823	122,358,392	644,239,215
Compressor, measuring and regulating equipment.....	36,964,120	4,483,153	41,447,273	21,578,048	57,040,750	5,984,571	63,025,321
Other transmission plant	2,018,079	2,460,322	4,478,401	512,718	2,297,678	2,693,441	4,991,119
Total transmission plant	459,082,271	123,885,834	582,968,105	151,261,854	599,122,601	135,107,358	734,229,959
Distribution plant:							
Land and land rights	—	3,356,477	3,356,477	(771,844)	—	2,584,633	2,584,633
Compressor, measuring and regulating structures and improvements	—	3,534,044	3,534,044	668,024	—	4,202,068	4,202,068
Mains and services	—	253,415,001	253,415,001	58,273,581	—	311,688,582	311,688,582
Compressor, measuring and regulating equipment.....	—	28,953,022	28,953,022	3,110,460	—	32,063,482	32,063,482
Other distribution plant	—	85,773,883	85,773,883	36,766,954	—	122,540,837	122,540,837
Total distribution plant	—	375,032,427	375,032,427	98,047,175	—	473,079,602	473,079,602
General plant:							
Land and land rights	5,887	2,482,808	2,488,695	662,255	5,887	3,145,063	3,150,950
Transportation equipment	1,994,735	7,056,422	9,051,157	644,216	1,803,064	7,892,311	9,695,375
Tools and work equipment	2,383,905	8,143,837	10,527,742	1,661,482	3,034,802	9,154,422	12,189,224
Other general plant	1,808,725	17,737,293	19,546,018	3,239,253	1,942,491	20,842,780	22,785,271
Total general plant	6,193,252	35,420,360	41,613,612	6,207,208	6,786,244	41,034,576	47,820,820
Other plant	—	2,445,013	2,445,013	(587,825)	—	1,857,188	1,857,188
Undistributed plant	134,146,790	73,794,487	207,941,277	(126,303,372)	52,684,447	28,953,456	81,637,903
Total plant	663,004,337	733,755,572	1,396,759,909	139,068,360	723,509,945	812,318,324	1,535,828,269

¹ Includes accounts of manufactured gas plant for systems which distribute both natural and manufactured gas.

TABLE 18. Balance Sheet of the Natural Gas Utilities and the Gas Pipe Line Transport Industries, as at December 31, 1960

	Gas pipe line transmission systems	Natural gas distribution systems	Total
	dollars		
Assets			
Total plant	723,509,945	812,318,324	1,535,828,269
Accumulated depreciation and amortization	29,833,611	118,397,007	148,230,618
Total plant less accumulated depreciation and amortization	693,676,334	693,921,317	1,387,597,651
Investments	33,562,704	78,538,643	112,101,347
Current assets:			
Cash and special deposits	15,948,703	6,836,674	22,785,377
Accounts receivable	17,798,716	48,847,860	66,646,576
Material and supplies	4,209,494	17,705,272	21,914,766
Other current assets	6,074,145	6,093,423	12,167,568
Total current assets	44,031,058	79,483,229	123,514,287
Deferred debits	17,025,832	27,943,617	44,969,449
Total assets	788,295,928	879,886,806	1,668,182,734
Liabilities			
Current liabilities:			
Accounts payable	32,914,463	80,892,553	113,807,016
Customers deposits	—	6,247,618	6,247,618
Long term debt due within one year	11,582,946	11,138,680	22,721,626
Other current liabilities	1,767,116	9,102,806	10,869,922
Total current liabilities	46,264,525	107,381,657	153,646,182
Long term debt	596,304,389	468,099,397	1,064,403,786
Deferred credits and reserves	4,526,422	11,043,768	15,570,190
Capital stock and surplus:			
Capital stock	97,020,933	183,108,001	280,128,934
Contributed surplus	48,799,156	23,076,784	71,875,940
Excess of appraised value	—	34,867,636	34,867,636
Retained earnings	(4,619,497)	52,309,563	47,690,066
Total capital stock and surplus	141,200,592	293,361,984	434,562,576
Total liabilities	788,295,928	879,886,806	1,668,182,734

TABLE 19. Income Statement of the Natural Gas Utilities and the Gas Pipe Line Transport Industries, 1960

	Gas pipe line transmission systems	Natural gas distribution systems	Total ¹
	dollars		
Operating revenues:			
Gas sales	81,632,737	198,413,371	221,353,780
Sales of by-products	1,875,271	6,046,500	7,921,771
Revenue from transportation of gas of others	7,833,209	902,608	8,735,817
Other operating revenues	740,762	3,165,805	3,906,567
Total operating revenues	92,081,979	208,528,284	241,917,935
Operating expenses:			
Cost of gas sold	28,050,364	76,810,243	48,168,279
Gathering operation	6,022,719	5,792,806	11,815,525
Products extraction operation	630,794	7,562	838,356
Underground storage operation	312,786	192,963	505,749
Transmission operation	4,428,727	5,099,289	9,528,018
General operation	1,083,727	24,727,121	25,810,848
Administrative and general expenses	4,704,788	11,778,438	16,483,226
Maintenance expenses	1,719,731	6,520,976	8,240,707
Municipal and other taxes	3,100,268	6,966,231	10,066,499
Rent for gas plant leased from others	415,951	4,310,199	4,726,150
Other operating expenses	—	1,700,102	1,700,102
Total operating expenses	50,469,835	145,905,930	137,683,457
Net revenue from operations	41,612,124	62,622,354	104,234,478
Revenue from gas plant leased to others	46,662	24,193	70,855
Income from investments, affiliated companies, sinking and other	—	7,207,388	7,207,388
Other income	1,111,602	—	1,111,602
	42,770,388	69,853,935	112,624,323
Depreciation	13,208,487	16,291,385	29,499,872
Amortization	665,145	1,557,513	2,222,658
Interest on long term debt and amounts due affiliated companies	26,738,464	19,856,659	46,595,123
Other income deductions	(626,536)	3,460,446	2,833,910
	39,985,560	41,166,003	81,151,563
Net income before income taxes	2,784,828	28,687,932	31,472,760
Income taxes	1,876,107	9,644,067	11,320,174
Net income after income taxes	1,108,721	19,043,865	20,152,586

¹ See note 2, page 4.

TABLE 20. Funds Flow Statement of the Natural Gas Utilities and the Gas Pipe Line Transport Industries, 1960

Application of funds	Gas pipe line transmission systems	Natural gas distribution systems	Total ¹	Source of funds	Gas pipe line transmission systems	Natural gas distribution systems	Total ¹
	dollars				dollars		
Increased cash and near cash	4,735,756	8,151,837	12,887,593	Increased current liabilities	9,161,825	18,544,704	27,706,529
Invested in plant	65,752,502	89,632,702	155,385,204	Sale of long term debt securities ..	28,075,614	24,753,538	52,829,152
Increased prepaid expenses, de- ferred debits and other current assets	1,975,165	1,270,697	3,245,862	Received advances from affiliated companies	411,631	5,785,221	6,196,852
Increased investments in affiliated companies and other	3,037,011	10,480,455	13,517,466	Received contributions and grants ..	44,085	—	44,085
Decreased deferred credits and reserves	—	1,544,246	1,544,246	Sale of plant	—	6,832,258	6,832,258
Expenses and deductions:				Sale of equity securities:			
Cost of gas sold	28,050,364	76,810,243	48,168,279	Preferred stock	15,000,000	6,439,300	21,439,300
Other operating expenses	22,419,491	67,095,689	89,515,180	Common stock	2,011,942	20,647,845	22,659,787
Interest on long term debt and other charges	27,403,609	20,336,750	47,740,359	Premium on sale of securities ..	6,750	756,618	763,368
Income taxes	1,676,107	9,644,069	11,320,176	Other changes in property	—	1,625,781	1,625,781
Other deductions	1,194,788	7,397,142	8,591,930	Decreased inventories of supplies and materials and plant equip- ment in inventory	7,671,787	3,943,217	11,615,004
Dividends:				Other	1,065,741	4,055,569	5,121,310
Preferred stock	463,575	2,634,162	3,097,737	Revenue and income:			
Common stock	1,841,673	8,745,563	10,587,236	Gas sales	81,632,737	198,413,371	221,353,780
Other	83,381	3,400,342	3,483,723	Sales of by-products	1,875,271	6,046,500	7,921,771
Total uses	158,633,422	309,143,897	469,084,991	Transportation of gas of others ..	7,833,209	902,608	8,735,817
				Other operating revenue	740,762	3,165,805	3,906,567
				Miscellaneous income	3,102,068	7,231,582	10,333,650
				Total sources	158,633,422	309,143,897	469,084,991

¹ See note 2, page 4.

TABLE 21. Employees and Earnings of the Natural Gas Utilities and the Gas Pipe Line Transport Industries, by Province, as at December 31, 1960

	Gas pipe line transmission systems		Natural gas distribution systems		Total	
	Average number employed	Salaries and wages	Average number employed	Salaries and wages	Average number employed	Salaries and wages
		\$		\$		\$
New Brunswick	—	—	18	65,965	18	65,965
Quebec	—	—	1,364	6,180,255	1,364	6,180,255
Ontario	587	3,519,471	4,335	19,464,178	4,922	22,983,649
Manitoba	44	273,300	341	1,453,205	385	1,726,505
Saskatchewan	90	514,582	713	3,597,564	803	4,112,146
Alberta	254	1,452,121	1,759	8,376,418	2,013	9,828,539
British Columbia	211	1,387,233	620	3,371,534	831	4,758,767
Canada	1,186	7,146,707	9,150	42,509,119	10,336	49,655,826

TABLE 22. Consumption of Natural Gas in Canada, by Industry, 1956-59¹

	1956	1957	1958	1959
	Mcf.			
Mining	63,130	542,535	1,096,169	1,125,766
Manufacturing:				
Foods and beverages	5,273,813	6,389,213	8,103,070	9,659,182
Tobacco and tobacco products	169	537	2,147	1,568
Rubber products	7,076	22,309	31,782	42,064
Leather products	14,203	22,919	35,736	53,307
Textile products	417,097	505,313	572,472	848,800
Knitting mills	10,310	16,980	26,893	7,723
Clothing	65,747	41,421	68,916	51,625
Wood products	325,421	481,227	449,684	526,619
Paper products	361,371	1,627,859	5,580,277	19,531,567
Printing and publishing	1,810,119	1,132,397	346,561	339,273
Iron and steel products	1,566,361	3,346,557	5,309,929	6,448,820
Transportation equipment	1,379,026	1,343,908	1,293,530	1,486,317
Non-ferrous metal products	2,331,231	2,131,382	2,556,032	7,254,743
Electrical apparatus	263,243	258,565	467,329	697,701
Non-metallic mineral products	8,167,527	8,437,042	13,709,653	16,406,453
Products of petroleum and coal	12,520,680	12,571,034	14,023,081	14,743,495
Chemicals and allied products	9,706,100	11,393,434	13,405,892	16,090,326
Miscellaneous industry	137,103	136,396	286,317	324,350
Total manufacturing	44,356,597	49,858,493	66,269,301	94,513,873
Electric power generation	16,333,235	22,126,088	27,895,697	37,940,728
Totals	60,752,962	72,527,116	95,261,167	133,580,367

¹ Data obtained from reports submitted by industrial firms to the Industry and Merchandising Division of D.B.S.

TABLE 23. Summary of Production, Transportation and Distribution of Natural Gas, by Province, 1960¹

	Canada 1959 ²	Canada 1960	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	North- west Territories
	Mcf.									
Field receipts and disposition:										
Production:										
Gross new production	468,474,778	574,062,923	98,701	—	18,258,805	—	52,448,016	418,487,268	84,440,839	329,294
Waste and flared	59,752,730	60,598,444	—	—	—	—	16,152,565	43,398,781	766,589	280,509
Net new production	408,722,048	513,464,479	98,701	—	18,258,805	—	36,295,451	375,088,487	83,674,250	48,785
Consumption and losses:										
In production and gathering	27,696,629	39,756,889	—	—	—	—	10,374,540	28,443,709	938,640	—
In processing shrinkage	22,547,033	27,913,519	—	—	—	—	—	23,498,115	4,415,404	—
Total consumption and losses	50,243,662	67,670,408	—	—	—	—	10,374,540	51,941,824	5,354,044	—
Storage:										
Received from storage	11,507,885	12,537,005	—	—	—	—	—	12,537,005	—	—
Placed in storage	10,706,468	16,196,098	—	—	—	—	—	16,196,098	—	—
Net storage	801,417	3,659,093	—	—	—	—	—	3,659,093	—	—
Other deliveries	67,189	48,785	—	—	—	—	—	—	—	48,785
B.T.U. Adjustments	4,828,875	9,537,215	—	—	—	—	—	5,337,215	4,200,000	—
Unaccounted for	—	1,424,368	— 4,118	—	—	—	448,497	215,169	764,820	—
Total deliveries to transportation	364,041,489	450,199,040	102,819	—	18,258,805	—	25,472,414	324,609,616	81,755,386	—
Transportation receipts and disposition:										
Receipts:										
Receipts from fields and processing plants	364,041,489	450,199,040	102,819	—	18,258,805	—	25,472,414	324,609,616	81,755,386	—
Imports from the United States	11,706,187	5,550,597	—	—	5,476,560	—	—	74,017	—	—
Other receipts	67,599	68,867	6,564	—	—	—	—	—	62,303	—
Total net receipts	375,811,275	455,818,504	109,383	—	23,735,365	—	25,472,414	324,683,633	81,817,689	—
Net provincial transfers	—	—	—	13,362,435	89,855,175	24,848,715	7,435,999	-166,004,929	30,502,605	—
Consumption in transportation	3,659,671	5,971,855	—	220,853	1,833,611	380,000	1,229,942	367,841	1,939,608	—
Storage and inventory changes:										
Received from storage	14,371,532	14,905,721	—	—	12,813,408	—	79,123	2,013,190	—	—
Placed in storage	15,833,150	20,921,324	—	—	17,086,720	—	1,360,876	2,473,728	—	—
Net storage	- 1,461,618	6,015,603	—	—	4,273,312	—	1,281,753	460,538	—	—
Line pack fluctuation	- 389,879	- 1,193	—	- 2,065	- 217,714	—	5,502	184,065	29,019	—
Exports to the United States	83,183,806	112,483,781	—	—	—	12,485,400	—	16,112,462	83,885,919	—
Other deliveries	174,911	—	—	—	—	—	—	—	—	—
Losses and unaccounted for ¹	3,717,299	5,739,047	28,779	966,704	3,837,021	448,520	- 41,943	- 177,737	677,703	—
Total available for distribution	283,230,089	325,609,411	80,604	12,176,943	103,864,330	11,534,795	30,433,159	141,731,535	25,788,045	—
Domestic sales of natural gas:										
Residential	97,937,027	110,132,901	79,265	4,313,597	42,079,683	4,576,908	10,349,332	38,260,877	10,473,239	—
Industrial	141,694,838	164,233,744	—	6,490,553	48,410,865	4,574,487	15,330,927	77,767,874	11,659,038	—
Commercial	43,485,254	51,121,809	1,339	1,372,793	13,371,473	2,366,922	4,721,544	25,633,681	3,654,057	—
Miscellaneous	112,970	120,957	—	—	2,309	16,478	31,356	69,103	1,711	—
Totals	283,230,089	325,609,411	80,604	12,176,943	103,864,330	11,534,795	30,433,159	141,731,535	25,788,045	—

¹ 1960 data are preliminary and subject to revisions.² Includes residual error of estimate.

TABLE 24. Supply, Demand and Consumption of Natural Gas in Canada, 1948-60¹

No.		1948	1949	1950	1951
		Mcf.			
	Supply of natural gas:				
	Gross new production: ²				
1	Alberta ³	57,686,836	64,780,707	71,421,505	79,839,252
2	British Columbia	—	—	—	—
3	Saskatchewan	434,721	469,331	811,515	856,524
4	Ontario	8,590,429	8,024,213	8,009,488	8,442,842
5	Northwest Territories	150,000	65,234	33,335	19,333
6	New Brunswick	420,352	375,035	361,877	261,579
7	Totals	67,282,338	73,714,520	80,637,720	89,419,530
	Waste and flared: ²				
8	Alberta	9,603,668	14,824,590	13,241,222	14,174,235
9	British Columbia	—	—	—	—
10	Saskatchewan	—	—	—	—
11	Northwest Territories	—	—	—	—
12	Totals	9,603,668	14,824,590	13,241,222	14,174,235
	Net, new production: ²				
13	Alberta	48,083,168	49,956,117	58,180,283	65,665,017
14	British Columbia	—	—	—	—
15	Saskatchewan	434,721	469,331	811,515	856,524
16	Ontario	8,590,429	8,024,213	8,009,488	8,442,842
17	Northwest Territories ⁴	150,000	65,234	33,335	19,333
18	New Brunswick	420,352	375,035	361,877	261,579
19	Totals (7-12)	57,678,870	58,889,930	67,396,498	75,245,295
	Withdrawals from storage:				
20	Alberta ³	1,655,523	1,788,096	1,790,475	2,075,344
21	Saskatchewan	—	—	—	—
22	Ontario	129,299	4,497	508,408	1,710,139
23	Totals	1,784,822	1,792,593	2,298,883	3,785,483
24	Other receipts	—	—	—	—
25	Total domestic supply (19 + 23 + 24)	59,463,492	60,682,523	69,695,381	79,030,778
	Imports:				
26	Ontario ⁵	395,779	1,254,612	3,247,705	3,696,198
27	Alberta ⁶	—	—	—	—
28	British Columbia	—	—	—	—
29	Totals	395,779	1,254,612	3,247,705	3,696,198
30	B.T.U. adjustments	—	—	—	—
31	Residual error of estimate	- 1,502,568	- 1,351,327	- 1,529,764	- 1,981,678
32	Total supply	58,356,703	60,585,808	71,413,322	80,745,298
	Demand for natural gas:				
	Domestic sales: ⁷				
33	Residential	20,992,397	21,656,014	26,486,948	28,442,376
34	Industrial	12,825,474	14,438,949	17,896,661	21,868,514
35	Commercial	9,831,775	10,501,941	13,517,487	14,605,649
36	Miscellaneous	155,028	154,056	197,194	139,714
37	Totals	43,804,674	46,750,960	58,098,290	65,056,253
38	Other use ⁸	150,000	63,234	33,335	19,533
	Exports: ⁹				
39	British Columbia	—	—	—	—
40	Alberta	—	—	2,312	3,963
41	Manitoba	—	—	—	—
42	Total exports	—	—	2,312	3,963
	Placed in storage: ²				
43	Alberta	3,390,739	2,634,976	2,193,260	2,434,656
44	Saskatchewan	—	—	—	—
45	Ontario	629,509	1,223,114	2,049,420	2,623,399
46	Totals	4,020,248	3,858,090	4,242,680	5,058,055
	Consumption and losses in production: ²				
47	British Columbia	—	—	—	—
48	Alberta	8,879,212	8,562,197	7,506,940	8,625,817
49	Saskatchewan	—	—	—	—
50	Totals	8,879,212	8,562,197	7,506,940	8,625,817
	Pipe line consumption and inventories:				
51	Consumption and losses in pipe lines ¹⁰ .....	..	..	..	..
52	Line pack changes .....	..	..	..	..
53	Residual error of estimate	1,502,569	1,351,327	1,529,765	1,981,677
54	Total demand	58,356,703	60,585,808	71,413,322	80,745,298
55	Total consumption (Total demand (54) minus placed in storage (46))	54,336,455	56,727,718	67,170,642	75,687,243
56	Total domestic consumption (Total consumption (55) minus exports (42))	54,336,455	56,727,718	67,168,330	75,683,280

¹ All data adjusted to cubic feet of 1,000 B.T.U.'s at 14.73 pounds per square inch absolute and 80°F.² Source of data—Alberta—Alberta Oil and Gas Conservation Board.
British Columbia—British Columbia Department of Mines and Petroleum Resources.
Saskatchewan—Saskatchewan Department of Mineral Resources.
Ontario—Ontario Department of Energy Resources.³ Excludes reproduced from storage.⁴ Net new production only, available 1948-54.

TABLE 24. Supply, Demand and Consumption of Natural Gas in Canada, 1948-60¹

1952	1953	1954	1955	1956	1957	1958	1959	1960 ^P	No.
Mcf.									
92,605,434	110,586,249	131,364,881	162,615,160	192,818,066	236,194,380	284,364,734	329,091,824	418,487,268	1
—	—	59,483	165,062	263,532	8,350,517	62,578,594	68,350,496	84,440,839	2
1,132,959	1,619,262	4,798,214	11,192,205	19,569,402	33,376,917	42,338,477	53,781,207	52,448,016	3
8,302,190	9,708,969	10,015,818	10,852,857	12,811,618	14,400,913	16,147,986	18,839,236	18,258,805	4
24,847	26,109	29,085	176,296	274,222	213,984	285,489	294,513	329,294	5
202,042	177,112	183,457	186,549	190,322	176,417	123,957	117,502	98,701	6
102,267,472	122,117,701	146,450,938	185,188,129	225,927,162	292,713,128	405,839,237	468,474,778	574,062,923	7
16,294,428	23,996,032	27,719,299	34,977,444	52,813,898	59,678,985	54,075,702	38,366,983	43,398,781	8
—	—	—	—	—	48,427	403,978	808,673	766,589	9
8,254	78,915	1,283,781	4,521,678	9,814,667	19,458,140	23,620,309	20,349,750	16,152,565	10
—	—	—	157,626	253,012	194,741	261,389	227,324	280,509	11
16,302,682	24,074,947	29,003,080	39,656,748	62,881,577	79,380,293	78,361,378	59,752,730	60,598,444	12
76,311,006	86,590,217	103,645,582	127,637,716	140,004,168	176,515,395	230,289,032	290,724,841	375,086,487	13
—	—	59,483	165,062	263,532	8,302,090	62,174,616	67,541,823	83,674,250	14
1,124,705	1,540,347	3,514,433	6,670,527	9,754,735	13,918,777	18,718,168	33,431,457	36,295,451	15
8,302,190	9,708,969	10,015,818	10,852,857	12,811,618	14,400,913	16,147,986	18,839,236	18,258,805	16
24,847	26,109	29,085	18,670	21,210	19,243	24,100	67,189	48,785	17
202,042	177,112	183,457	186,549	190,322	176,417	123,957	117,502	98,701	18
85,964,790	98,042,754	117,447,858	145,531,381	163,045,585	213,332,835	327,477,859	408,722,048	513,464,479	19
928,591	688,583	1,063,199	2,310,159	2,768,645	2,826,359	3,264,460	15,528,982	14,550,195	20
—	—	—	—	—	—	—	—	79,123	21
2,630,207	2,320,830	3,516,566	4,825,642	3,141,942	3,406,134	4,636,570	10,350,435	12,813,408	22
3,558,798	3,009,413	4,579,765	7,135,801	5,910,587	6,032,493	7,901,030	25,879,417	27,442,726	23
—	—	—	—	—	—	—	67,599	68,867	24
89,523,588	101,052,167	122,027,623	152,667,182	168,956,172	219,365,328	335,378,889	434,669,064	540,976,072	25
5,981,623	6,095,344	6,221,147	11,379,549	16,771,333	27,716,617	32,122,515	11,634,172	5,476,580	26
—	3,165	14,496	31,739	54,777	64,712	65,183	74,015	74,017	27
—	—	—	—	343,602	3,147,612	—	—	—	28
5,981,623	6,098,509	6,235,643	11,411,288	17,169,712	30,928,941	32,187,698	11,708,187	5,550,597	29
—	—	—	—	—	—	—	—	9,537,215	30
- 1,187,082	- 2,037,082	- 1,360,574	- 1,876,742	1,377,246	- 113,985	- 1,630,819	555,788	- 3,581,706	31
94,318,129	105,113,594	126,902,692	162,201,728	187,503,130	250,180,284	365,935,768	446,933,039	552,482,176	32
28,392,449	30,885,535	37,740,974	45,987,764	52,039,471	61,237,933	77,223,921	97,937,027	110,132,901	33
22,677,481	26,881,491	37,648,501	49,907,458	65,631,233	75,384,932	94,134,110	141,694,838	164,233,744	34
14,935,855	16,007,808	19,803,344	23,325,131	25,897,786	30,979,564	36,260,989	43,485,254	51,121,809	35
127,168	193,478	327,966	510,178	157,159	1,181,027	94,174	112,970	120,957	36
66,132,973	73,968,312	95,520,785	119,730,531	143,725,649	168,783,456	207,713,194	283,230,089	325,609,411	37
24,847	26,109	29,085	18,670	21,210	19,243	24,100	242,100	48,785	38
—	—	—	—	—	10,699,707	76,969,784	68,697,417	83,885,919	39
7,957,907	9,407,879	6,983,985	11,356,252	10,828,338	10,770,037	13,095,749	14,486,391	16,112,462	40
—	—	—	—	—	—	—	—	12,485,400	41
7,957,907	9,407,879	6,983,985	11,356,252	10,828,338	21,469,744	80,065,533	83,183,808	112,483,781	42
2,702,112	2,390,397	4,171,895	6,928,718	8,739,197	16,666,872	17,865,080	15,216,789	18,689,826	43
—	—	—	—	—	—	—	302,062	1,360,876	44
4,749,067	4,464,406	4,457,268	4,549,995	3,505,584	7,706,941	8,240,022	11,020,767	17,086,720	45
7,451,179	6,874,803	8,629,163	11,478,713	12,244,781	24,373,813	26,105,102	26,539,618	37,117,422	46
—	—	—	—	—	1,008,547	6,298,174	4,497,206	5,354,044	47
11,564,140	12,799,409	14,001,596	17,099,616	21,043,539	29,242,647	30,867,944	41,091,170	51,941,824	48
—	—	377,504	641,203	1,016,858	2,021,518	2,174,162	4,655,286	10,374,540	49
11,564,140	12,799,409	14,379,100	17,740,819	22,060,397	32,272,712	39,340,280	50,243,662	67,670,408	50
..	..	..	..	..	..	..	3,659,871	5,971,855	51
..	..	..	..	..	3,147,330	1,056,740	389,879	- 1,193	52
1,187,082	2,037,082	1,360,574	1,876,743	- 1,377,245	113,986	1,630,819	- 555,788	3,581,707	53
94,318,128	105,113,594	126,902,692	162,201,728	187,503,130	250,180,284	365,935,768	446,933,039	552,482,176	54
86,866,949	98,238,791	118,273,529	150,723,015	175,258,349	225,806,471	339,830,666	420,393,421	515,364,754	55
78,909,042	88,830,912	111,289,544	139,366,763	164,430,011	204,336,727	249,765,133	337,209,613	402,880,973	56

¹ "Trade of Canada" adjusted, 1948-54.² Alberta Oil and Gas Conservation Board, 1953-54.³ Provincial breakdown, 1959-60, see Table 1.⁴ Includes use in Northwest Territories.⁵ Province of exit, for source of gas, see Table 14.⁶ Included in item 50, 1948-58.

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