

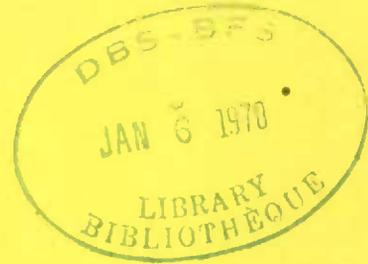
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THE COAL MINING INDUSTRY

For the Calendar Year 1968

DOMINION BUREAU OF STATISTICS

DOMINION BUREAU OF STATISTICS
Manufacturing and Primary Industries Division

THE COAL MINING INDUSTRY

For the Calendar Year 1968

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PUBLICATIONS ON MINERAL STATISTICS

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Catalogue number	Name of publication
Annual	
26-201	General Review of the Mineral Industries
26-209	Gold Mining Industry
26-216	Silver-Lead-Zinc Mines
26-211	Nickel-Copper Mines
26-210	Iron Mines
26-219	Miscellaneous Metal Mines
41-214	Smelting and Refining
26-206	The Coal Mining Industry
26-213	Crude Petroleum and Natural Gas Industry
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26-009	Salt
26-008	Silver, Lead and Zinc Production

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THE COAL MINING INDUSTRY

For the Calendar Year 1968

STATISTICS ON COAL AS COMPILED IN THE DOMINION BUREAU OF STATISTICS

This report includes statistics for industry 061—Coal Mines of the Standard Industrial Classification Manual (Catalogue No. 12-501).

The following is a statement of the statistics on coal at present compiled in the Dominion Bureau of Statistics.

(1) Coal Mine Statistics

The Manufacturing and Primary Industries Division of the Bureau obtains a monthly statement from each coal mine in Canada, showing the output and distribution of coal by sizes. The distribution statistics differentiate the amounts supplied for different purposes within the producing province. The destinations of all shipments from the mines are shown by provinces. Number of employees, days worked, etc., are also shown. These statistics are collected monthly in co-operation with the Provincial Mines Departments.

At the end of the year a detailed statement on employment, salaries and wages, fuel, process supplies and other statistics of a general character is obtained from each mine.

(2) Imports and Exports

The coal import data shown in the Trade of Canada reports include only the tonnages entered for consumption, or in other words, the quantity cleared from customs. However, the import data as recorded in the following pages of this report, unless otherwise indicated, include the total quantity of coal reaching Canadian customs ports whether or not it is cleared from customs. There is usually little difference between the two sets of figures for anthracite coal importations, but for bituminous coal there sometimes is considerable difference, due to the fact that large quantities of this coal, imported for industrial use, remain at the port of entry until required. In addition to these import data a close check is maintained on the regional rail and water movements of anthracite and bituminous coal.

(3) Publications on Coal

The Dominion Bureau of Statistics publishes the following reports on coal and coke:

- (1) Preliminary monthly summary of coal production and imports, issued approximately four weeks after the end of the month under review.
- (2) Final monthly report on coal and coke production, imports, exports, industrial consumption, etc., issued about nine weeks after the month to which it refers.
- (3) Annual printed report on the Coal Mining Industry with final figures on production, imports, exports, employment, earnings, etc.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- P preliminary figures.
- r revised figures.

TABLE OF CONTENTS

Table	Page
SECTION I — DOMINION REVIEW	
1. Principal Statistics for the Coal Mining Industry, 1946-68	14
2. Imports and Coal Mine Distribution in Canada, 1944-68	14
3. Production of Coal, by Kinds and by Provinces, 1967 and 1968	15
4. Production of Coal, by Kinds and by Months, 1968	15
5. Disposition of Coal from Canadian Mines, by Sizes and by Destinations, 1968	15
6. Production, Number of Employees and Man-days Worked, at Strip and Underground Coal Mines, by Provinces, 1968	16
7. Exports of Canadian Coal, 1959-68	16
8. Exports of Canadian Coal, by Destinations, 1967 and 1968	17
9. Imported Coal "Entered for Consumption," 1959-68	17
10. United States Coal "Landed in Canada," by Kinds and by Provinces, 1967 and 1968	17
11. Summary of Coal Statistics for 1968	18
12. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers, 1967 and 1968	21
13. Sales of Coal and Coke Reported by Retail Fuel Dealers, by Selected Cities, 1968	21
14. Consumption and Stocks of Coal and Coke, by Industrial Consumers, 1967 and 1968	22
15. Coal Balance for the Calendar Year Ended December 31, 1968	23
16. Imported Fuel Briquettes "Landed in Canada", 1966-68	24
17. Production of Coke, 1959-68	24
18. Bituminous Coal Used in Coke Making and Coke Made, 1968	24
19. Disposition of Coke by the Producers, 1968 (Exclusive of petroleum and pitch coke)	24
20. Production, Landed Imports and Exports of Coke, by Months, 1967 and 1968	25
21. Average Value of Coal f.o.b. Mines; Labour, Fuel and Electricity Costs per Ton Raised, by Provinces and Districts, 1967 and 1968	25
22. Employees, Salaries and Wages in Coal Mines, by Provinces, 1967 and 1968	26
23. Employment at Coal Mines, 1967 and 1968	26
24. Employment and Man-days Worked, by Months, 1968 with Comparative Totals for 1967	26
25. Employment at Coal Mines, by Classes, 1968 with Comparative Totals for 1967	27
26. Average Production of Coal per Man-days, by Strip and Underground Mines, and by Provinces, 1967 and 1968	27
27. Capital and Repair Expenditures, 1960-68	27
SECTION II — NEWFOUNDLAND	
28. Summary of Coal Statistics for Newfoundland in 1968	28
29. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in Newfoundland, 1967 and 1968	28
SECTION III — PRINCE EDWARD ISLAND	
30. Summary of Coal Statistics for Prince Edward Island in 1968	29
31. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in Prince Edward Island, 1967 and 1968	29
SECTION IV — NOVA SCOTIA	
32. Production of Coal from Nova Scotia Mines, 1959-68	30
33. Production of Coal by Districts in Nova Scotia, 1966-68	30
34. Disposition of Coal from Nova Scotia Mines, by Sizes and Destinations, 1968	30
35. Summary of Coal Statistics for Nova Scotia in 1968	31
36. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in Nova Scotia, 1967 and 1968	31
37. Consumption and Stocks of Coal and Coke, by Industrial Consumers in Nova Scotia, 1967 and 1968	31
38. Employees, Salaries and Wages, Number of Man-days Worked in the Coal Mines of Nova Scotia, by Districts, 1967 and 1968	32
39. Employment at Coal Mines in Nova Scotia, by Classes, 1968 with Comparative Totals for 1967	32
SECTION V — NEW BRUNSWICK	
40. Production of Coal from New Brunswick Mines, 1959-68	33
41. Disposition of Coal from New Brunswick Mines, by Sizes and Destinations, 1968	33
42. Summary of Coal Statistics for New Brunswick in 1968	34
43. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in New Brunswick, 1967 and 1968	34
44. Consumption and Stocks of Coal and Coke, by Industrial Consumers in New Brunswick, 1967 and 1968	35
45. Employment at Coal Mines in New Brunswick, by Classes, 1968 with Comparative Totals for 1967	35
SECTION VI — QUEBEC	
46. Summary of Coal Statistics for Quebec in 1968	36
47. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers, by Selected Areas in Quebec, 1968	37
48. Consumption and Stocks of Coal and Coke, by Industrial Consumers, by Selected Areas in Quebec, 1968	37
SECTION VII — ONTARIO	
49. Summary of Coal Statistics for Ontario in 1968	38
50. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers, by Selected Areas in Ontario, 1968	40
51. Consumption and Stocks of Coal and Coke, by Industrial Consumers, by Selected Areas in Ontario, 1968	40

TABLE OF CONTENTS—Concluded

Table	Page
SECTION VIII—MANITOBA	
52. Summary of Coal Statistics for Manitoba in 1968	42
53. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in Manitoba, 1967 and 1968	44
54. Consumption and Stocks of Coal and Coke, by Industrial Consumers in Manitoba, 1967 and 1968	44
SECTION IX—SASKATCHEWAN	
55. Production of Coal from Saskatchewan Mines, 1959-68	45
56. Disposition of Coal from Saskatchewan Mines, by Sizes and Destinations, 1968	45
57. Summary of Coal Statistics for Saskatchewan in 1968	46
58. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in Saskatchewan, 1967 and 1968	47
59. Consumption and Stocks of Coal and Coke, by Industrial Consumers in Saskatchewan, 1967 and 1968	48
60. Employment at Coal Mines in Saskatchewan, by Classes, 1968 with Comparative Totals for 1967	48
SECTION X—ALBERTA	
61. Production of Coal from Alberta Mines, 1959-68	48
62. Production of Coal by Districts in Alberta, 1967 and 1968	49
63. Disposition of Coal from Alberta Mines, by Sizes and Destinations, 1968	49
64. Disposition of Bituminous Coal from Alberta Mines, by Sizes and Destinations, 1968	50
65. Disposition of Sub-bituminous Coal from Alberta Mines, by Sizes and Destinations, 1968	51
66. Summary of Coal Statistics for Alberta in 1968	51
67. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in Alberta, 1967 and 1968	53
68. Consumption and Stocks of Coal and Coke, by Industrial Consumers in Alberta, 1967 and 1968	53
69. Employees, Salaries and Wages, Number of Man-days Worked at the Coal Mines in Alberta, by Districts, 1967 and 1968	54
70. Employment at Coal Mines in Alberta, by Classes, 1968 with Comparative Totals for 1967	55
SECTION XI—BRITISH COLUMBIA	
71. Production of Coal from British Columbia Mines, 1959-68	55
72. Production of Coal by Districts in British Columbia, 1966-68	56
73. Disposition of Coal from British Columbia Mines, by Sizes and Destinations, 1968	56
74. Summary of Coal Statistics for British Columbia in 1968	57
75. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in British Columbia, 1967 and 1968	59
76. Consumption and Stocks of Coal and Coke, by Industrial Consumers in British Columbia, 1967 and 1968	59
77. Employees, Salaries and Wages, Number of Man-days Worked, in the Coal Mines of British Columbia, by Districts, 1967 and 1968	60
78. Employment at Coal Mines in British Columbia, by Classes, 1968 with Comparative Totals for 1967	60
SECTION XII—YUKON	
79. Production of Coal from Yukon Mines, 1959-68	61
APPENDIX	
80. Subvention Payments to Coal Operators and Others, by Provinces, 1967 and 1968	61
81. Fuel and Electricity Used in the Coal Mining Industry in Canada, by Kinds and by Provinces, 1968	61
82. World Production of Bituminous Coal, Anthracite, and Lignite, 1963-67	62
83. Supply and Demand of Coal for Years 1958-68	64
CHARTS	
Chart	
A. Production of Coal in Canada, 1957 to 1968	8
B. Production of Coal in Canada by Months 1963 to 1968	8
C. Total Consumption of Coal in Canada Less Exports 1957 to 1968	9
D. Imports of Coal 1957 to 1968	9
E. Exports of Canadian Coal 1957 to 1968	10
F. Average Number of Wage Earners and Salaried Employees at Nova Scotia Mines 1951-1968	10
G. Average Number of Wage Earners and Salaried Employees at New Brunswick Mines 1951-1968	11
H. Average Number of Wage Earners and Salaried Employees at Saskatchewan Mines, 1951-1968	11
I. Average Number of Wage Earners and Salaried Employees at Alberta Mines 1951-1968	12
J. Average Number of Wage Earners and Salaried Employees at British Columbia Mines 1951-1968	12
K. Average Number of Wage Earners and Salaried Employees at Yukon Mines 1951-1968	13
Map	
Coal Areas Ontario and Quebec	20

INTRODUCTION

Gross production of coal in Canada for 1968 amounted to 11,008,277 tons, 3.4 per cent less than the total of 11,395,754 tons produced in 1967. The decrease was due primarily to an 18.4 per cent decline in the production of bituminous coal (mainly in British Columbia and Nova Scotia). The British Columbia production of 903,289 tons declined 25.2 per cent from last year. This is largely attributable to a change in the method of reporting coal put on the waste heap. In 1967, production included 247,038 tons of coal put on the waste heap. The comparable 1968 figure was only 40,095 tons. The Nova Scotia production of 3,132,321 tons shows a decrease of 16.2 per cent due to the reorganization and gradual phasing out of some coal mines in the province. These declines combined with a 4.9 per cent decrease in New Brunswick were partly offset by a 1.1 per cent increase in Alberta bituminous production, an increase of 12.1 per cent in the production of Saskatchewan lignite coal and an increase of 11.7 per cent in Alberta sub-bituminous. Bituminous coal accounted for 52.5 per cent of the 1968 production with Alberta sub-bituminous and Saskatchewan lignite accounting for 27.0 per cent and 20.5 per cent respectively.

Tables 1, 32, 40, 55, 61, 71 and 79 contain revised production figures for all years. The revisions consist of reductions in previously reported production by the tonnage placed on the waste heap. In all future reports, production will exclude amounts sent to the waste heap. Coal reclaimed from the waste heap will be included in production in the year in which it is reclaimed. The "net" production of coal amounted to 10,980,850 tons (excluding 27,427 tons put on waste heap) in 1968 as compared to 11,122,935 tons (excluding 272,819 tons put on waste heap) in 1967. Although the total amount placed on the waste heap in 1968 was 53,497 tons, production was reduced by only 27,427 tons. The difference (26,070 tons) was coal produced in British Columbia in earlier years and placed on the waste heap during 1968.

The value of production f.o.b. mines and excluding subvention payments was \$53,935,893 in 1968 down 4.2 per cent from the previous year's \$56,283,274 total. The 1968 subvention payments totalled \$12,810,896 as compared to \$35,722,532 for 1967. The difference is accounted for in Nova Scotia where subventions were only paid for the first three months of 1968. These figures represent the total subvention aid paid during the year and hence they include adjustments for the coal shipped in previous years. Salaries and wages accounted for 76.9 per cent of the value of production excluding subvention assistance. The value of production of bituminous coal ranged from a low of \$5.80 per ton in British Columbia through \$7.24 per ton in Alberta, \$8.01 per ton in Nova Scotia to a high of \$9.19 per ton in New Brunswick. Increases

in 1968 unit value of production of bituminous coal over revised 1967 figures were \$0.84 in Nova Scotia, \$0.25 in New Brunswick, \$0.57 in Alberta and \$0.33 in British Columbia. Value of production of Alberta sub-bituminous coal averaged \$1.76 per ton, down \$0.30 from the 1967 figure, while the average value of production of Saskatchewan lignite increased \$0.05 per ton to \$1.85.

Exports of Canadian coal increased 8.1 per cent to 1,447,012 tons in 1968 while value of exports rose 8.2 per cent to \$16,336,038. Eighty-eight per cent of the exported coal was shipped to Japan.

Landed imports (which include coal at customs' ports awaiting clearance) amounted to 17,322,968 tons in 1968, an increase of 9.6 per cent over 1967.

Approximately 92 per cent of the imported coal was cleared through Ontario ports with Quebec accounting for most of the remainder. Ninety-seven per cent of the imported coal was United States bituminous.

Sales of coal and coke by retail fuel dealers dropped from 1,365,261 tons in 1967 to 1,079,136 tons, a decrease of 21.0 per cent. This survey is limited to firms with sales in excess of 1,000 tons per annum.

Consumption of coal by industrial consumers increased 7.7 per cent to 17,071,069 tons in 1968 from 15,845,471 tons the previous year. There was an increase in the consumption of coke by industrial consumers from 5,466,747 tons in 1967 to 6,002,789 tons in 1968.

Stocks of coal and coke by retail fuel dealers declined from 325,517 tons in 1967 to 282,326 tons in 1968. However, stocks of coal held by industrial consumers increased from 6,384,327 tons to 6,518,537 tons during the same period. Coke stocks held by industrial consumers increased from 269,992 tons to 310,172 tons in 1968. Total stocks of coal in Canada decreased approximately 452,000 tons during the year to about 10,368,000 tons as at December 31, 1968. Stocks of coke increased to 308,000 from 240,000 tons in 1967.

In 1968 there were 7,389,606 tons of bituminous coal charged to ovens to manufacture 5,310,762 tons of coke compared with 5,856,056 tons of coal used to make 4,430,299 tons of coke in 1967. Ninety-four per cent of the coal used to manufacture coke was imported bituminous.

A total of 7,669 employees worked 1,791,973 man-days for wages and salaries of \$41,489,541 in 1968. Approximately two thirds of the employees' wages and salaries were accounted for by Nova Scotia.

CHART-A

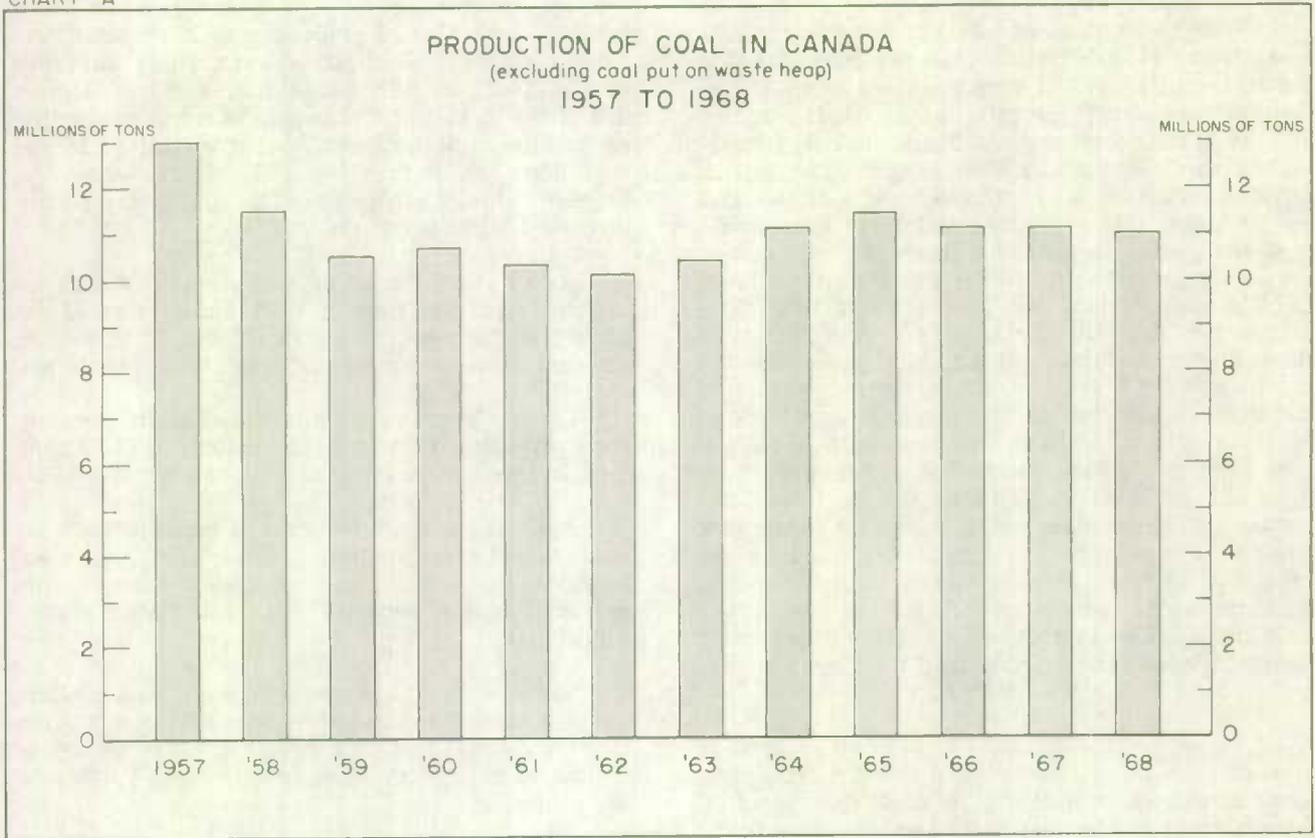


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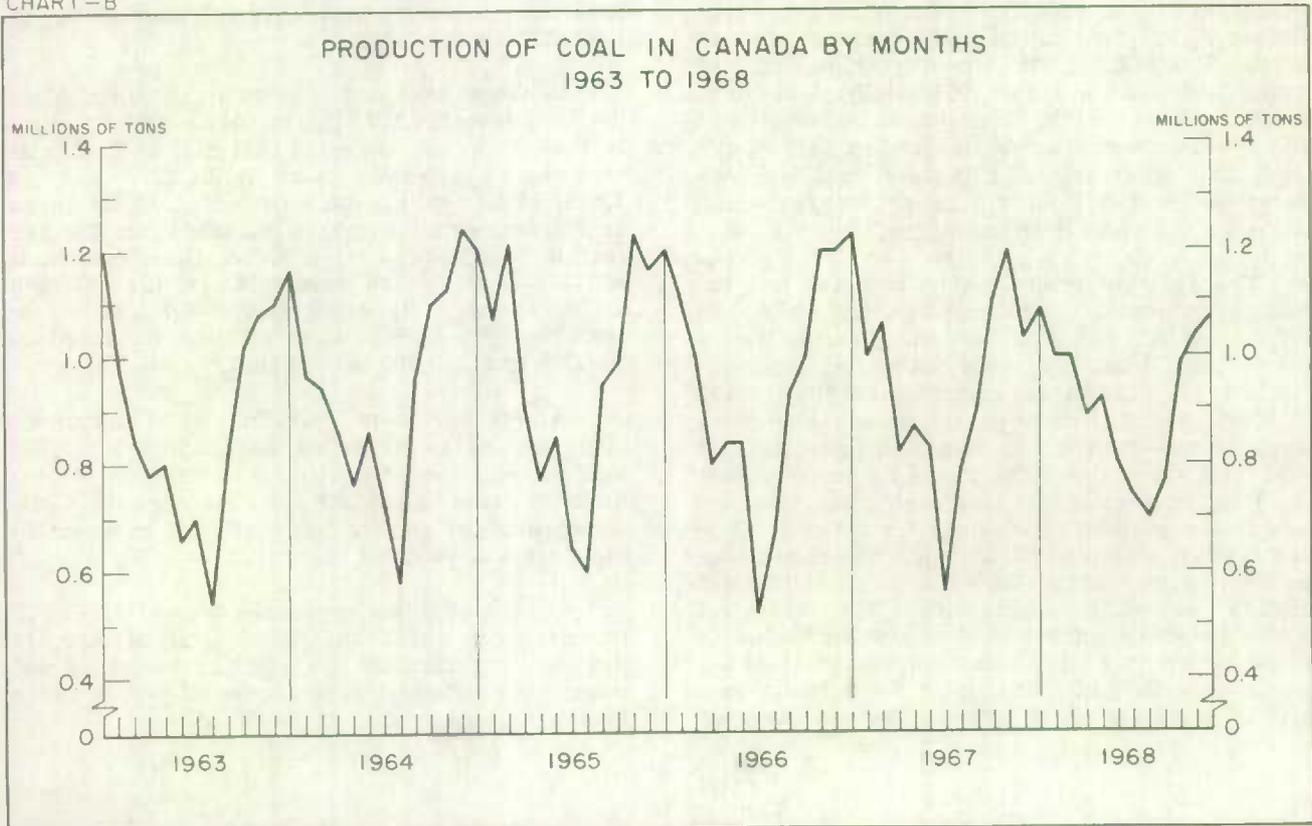


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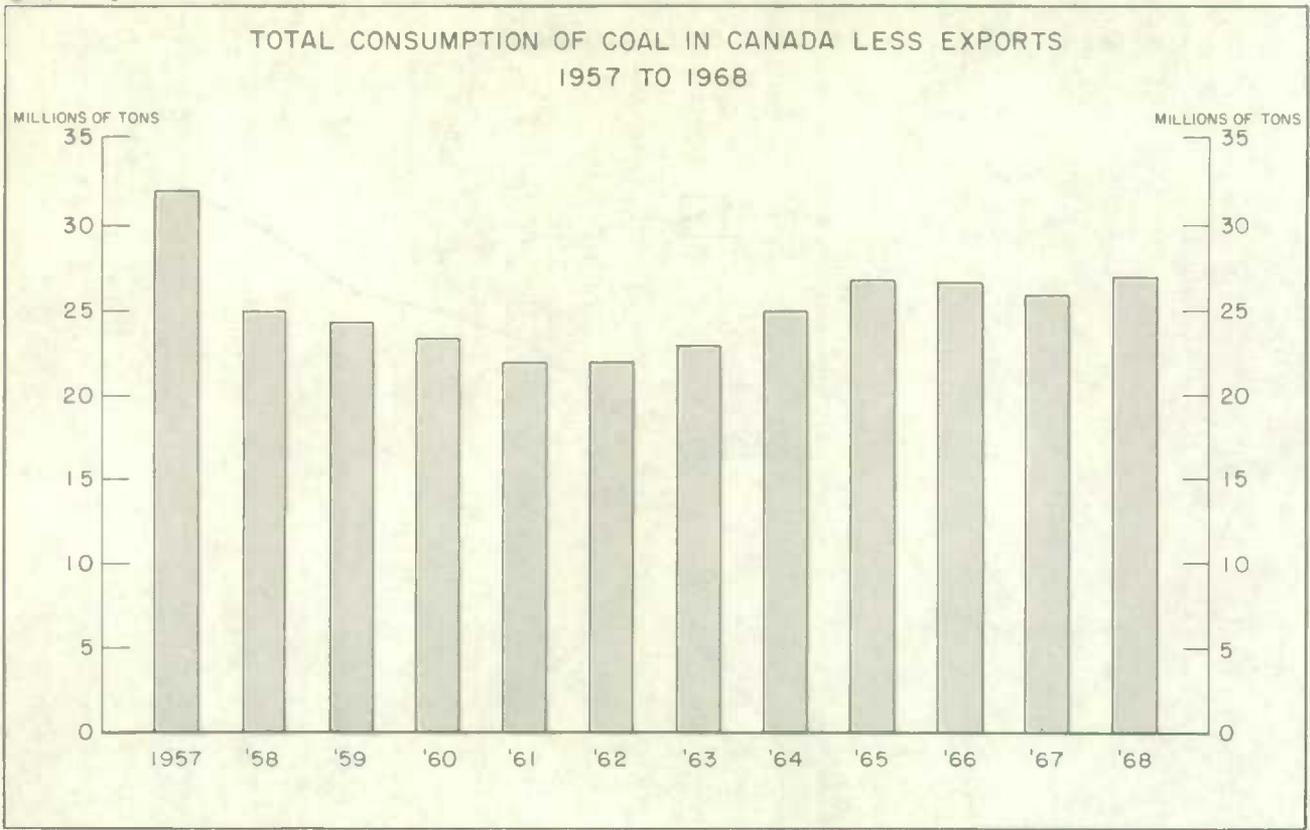


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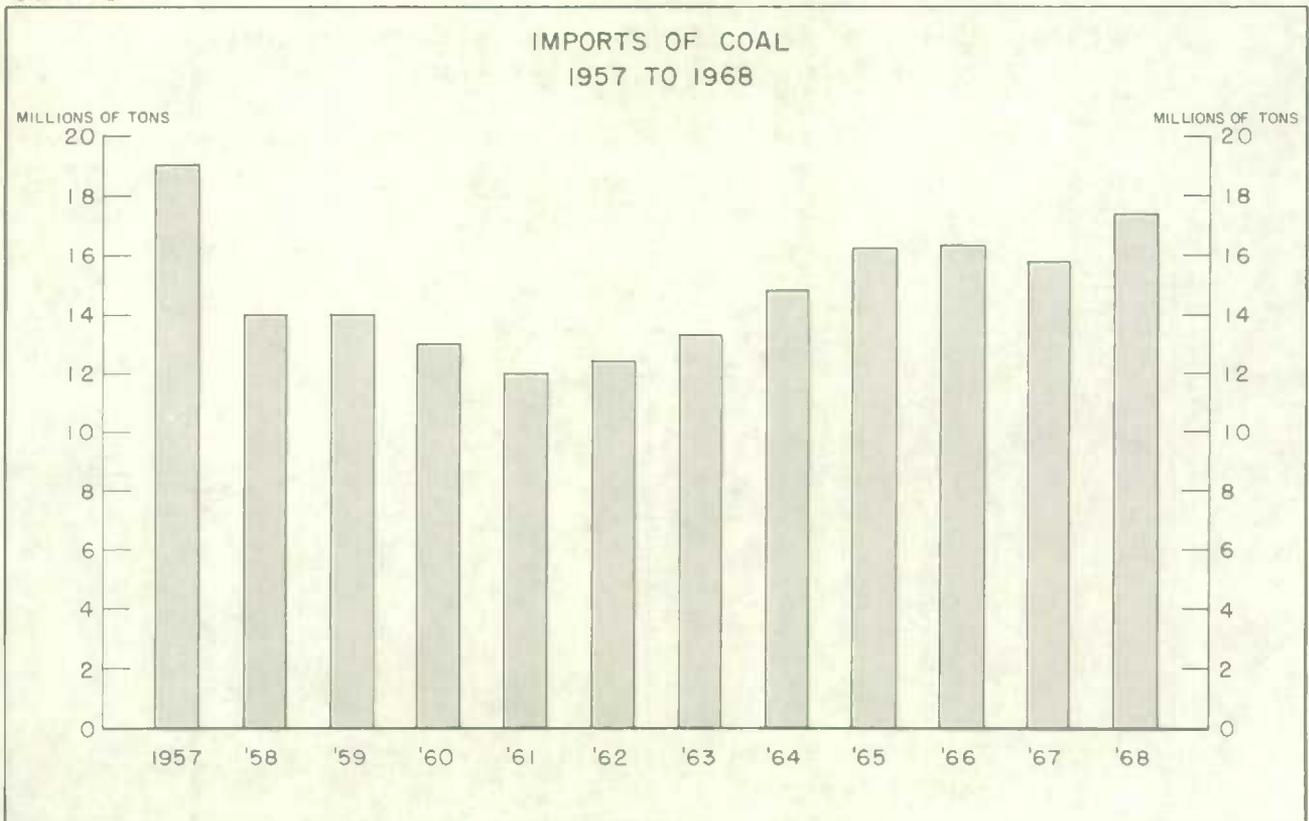


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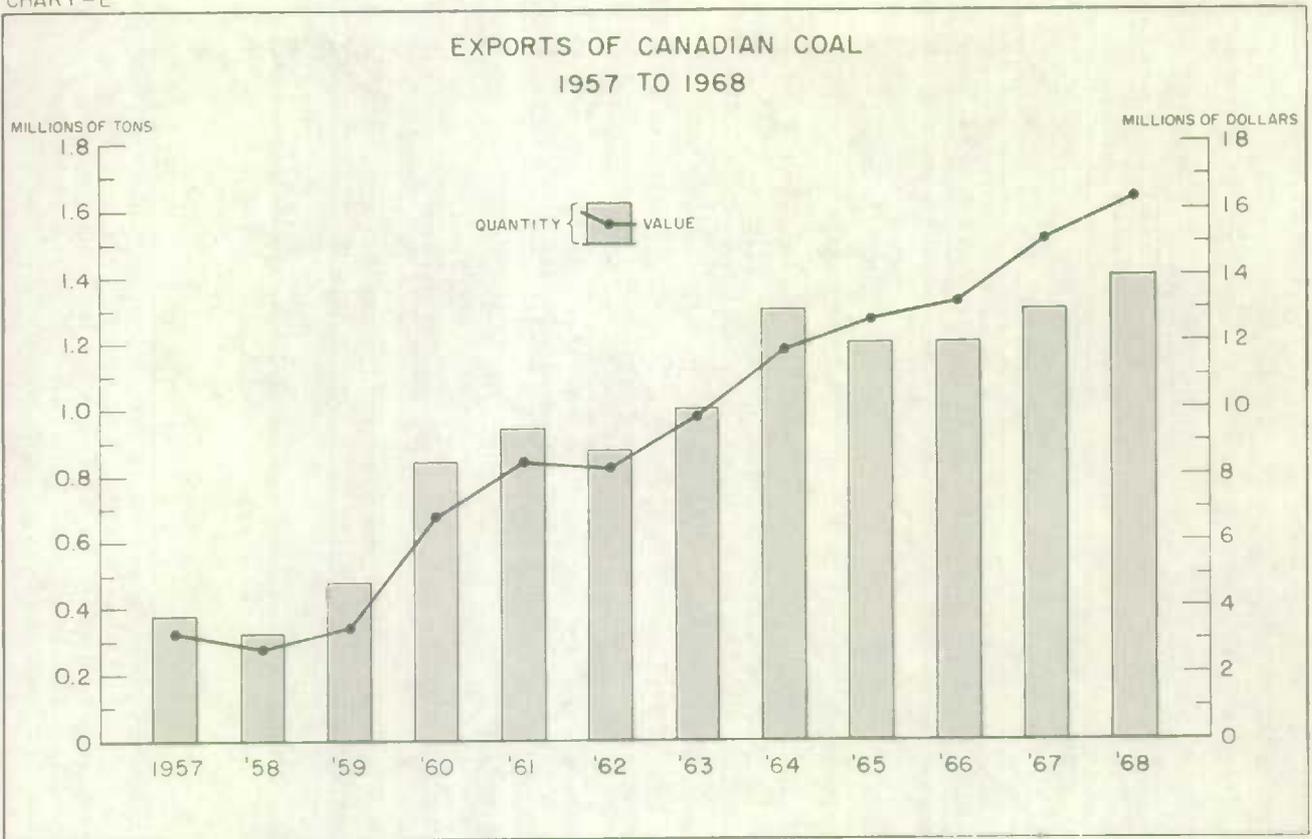


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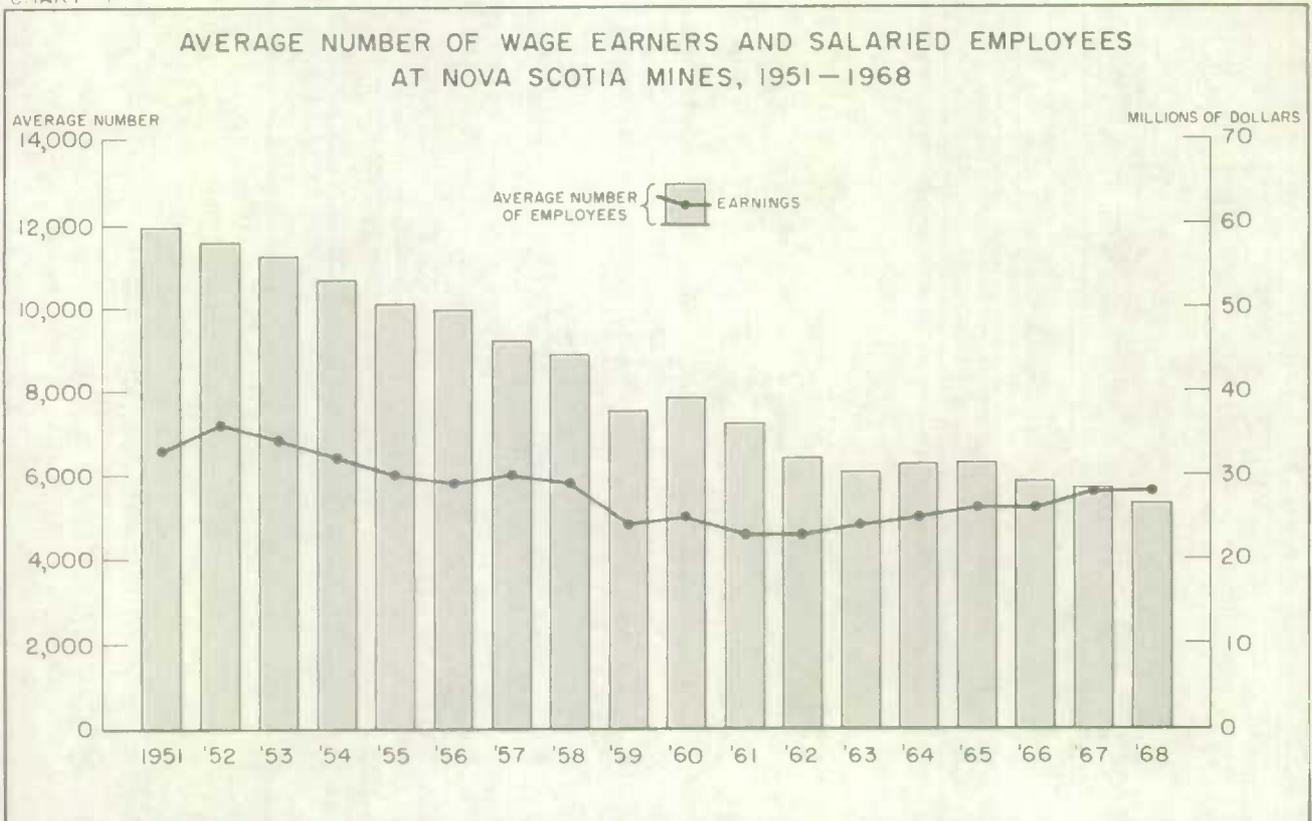


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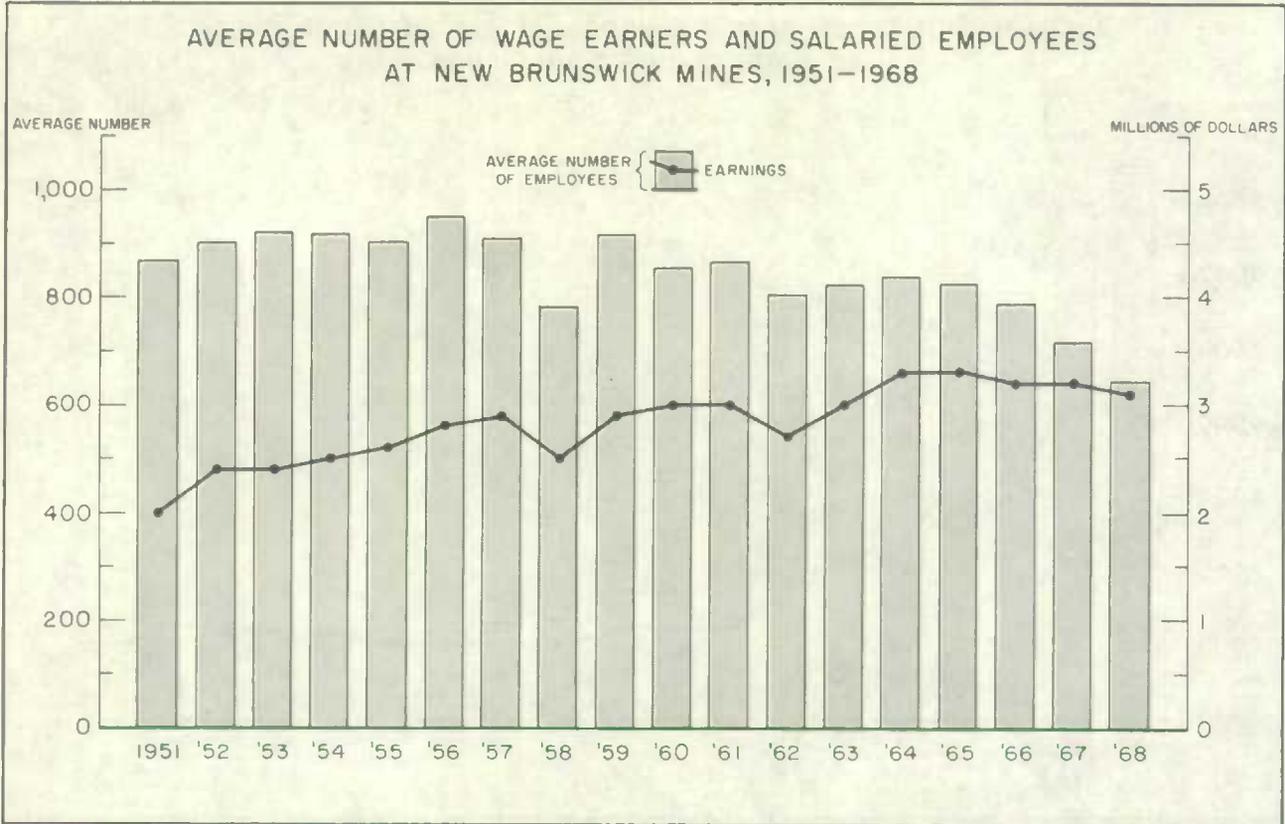


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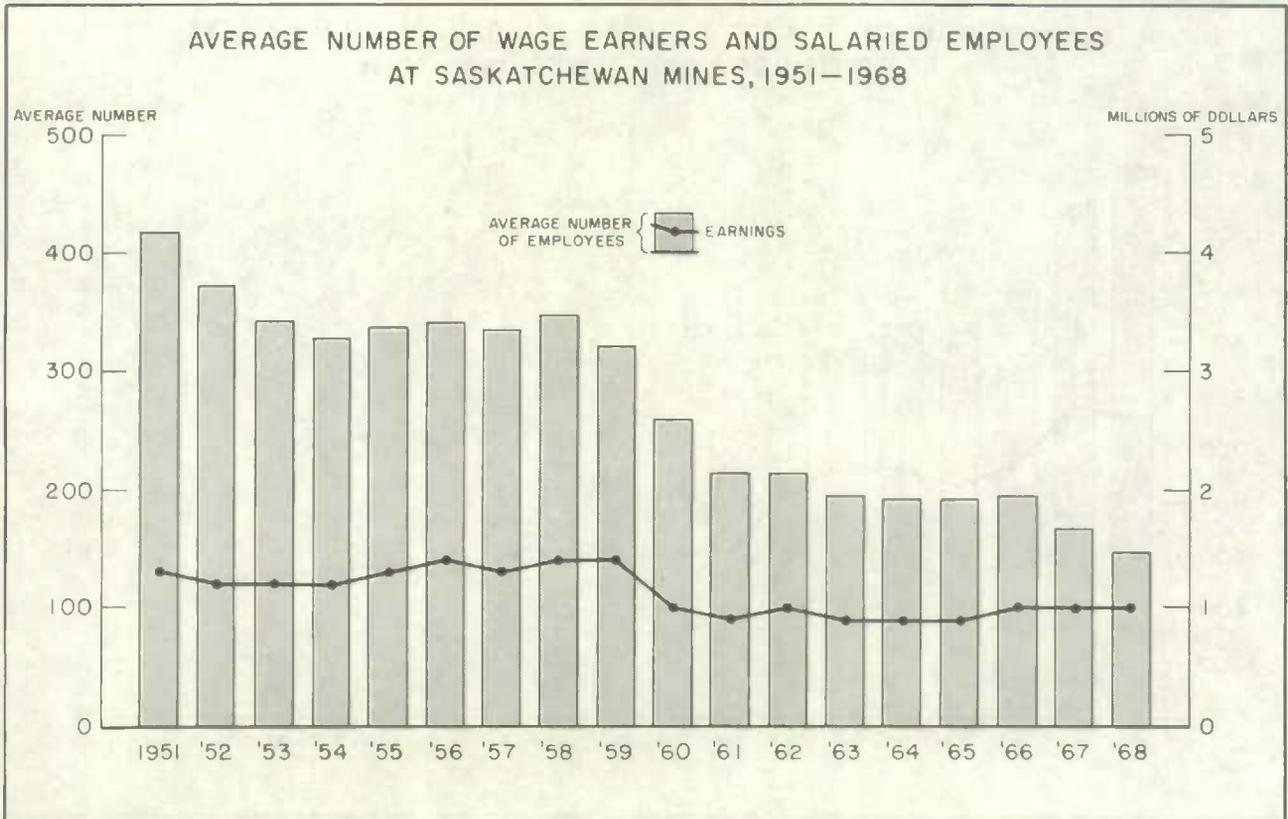


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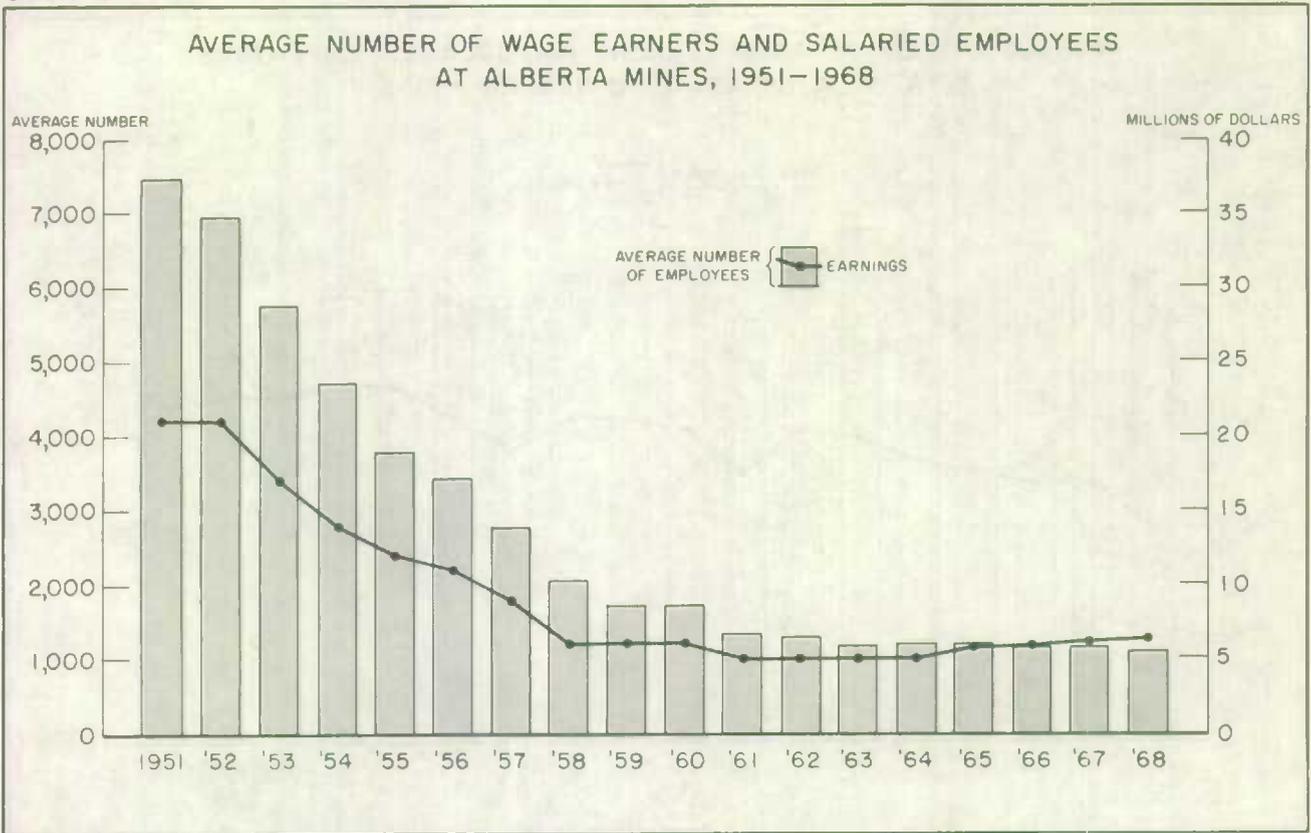


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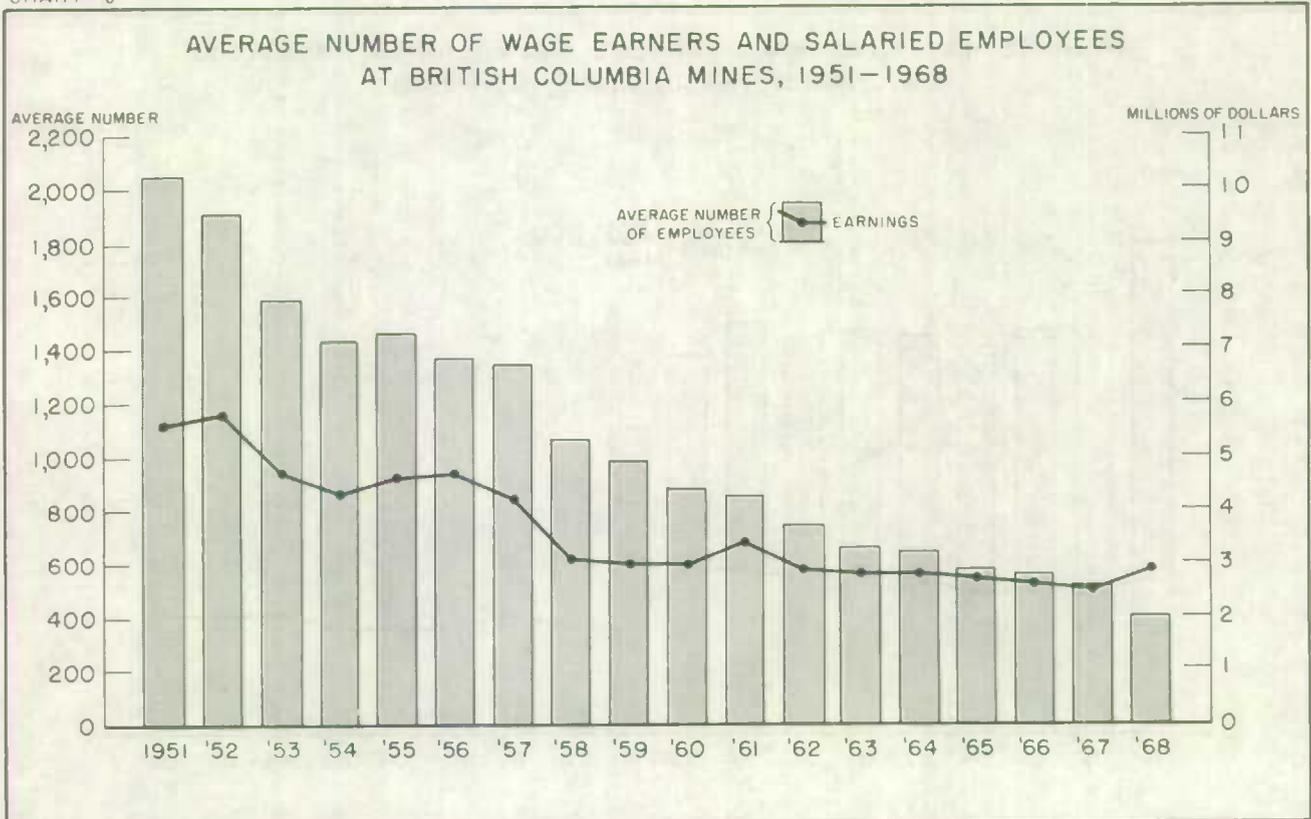
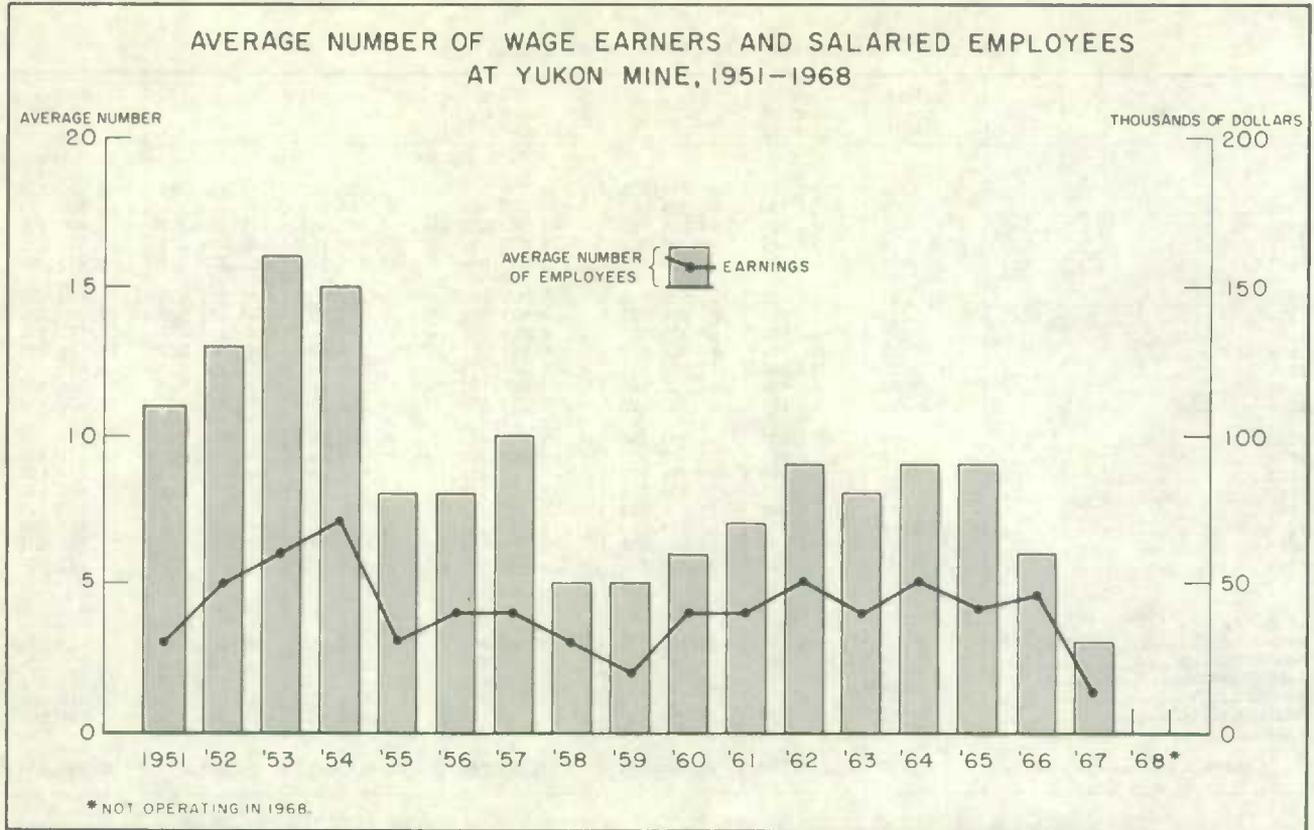


CHART-K



SECTION I
DOMINION REVIEW

TABLE 1. Principal Statistics for the Coal Mining Industry, 1946-68

Year	Number of mines	Average number of employees	Salaries and wages	Cost of fuel and electricity at mines	Cost of process supplies at mines	Value at mines	Production ¹ of coal
1946	365	25,487	51,343,975	4,100,193	8,536,912	75,320,159	17,437,983
1949	328	24,230	61,204,632	4,352,467	11,144,514	110,915,121	18,559,914
1950	363	23,418	60,938,980	4,362,263	10,102,653	110,140,399	18,529,275
1951	315	22,647	63,127,956	4,673,302	11,869,165	109,038,835	17,972,892
1952	271	21,753	66,028,224	5,405,040	13,554,188	111,026,149	16,934,708
1953	241	19,845	59,350,290	5,969,108	12,177,328	102,721,875	15,450,672
1954	223	18,050	53,650,045	4,932,772	10,698,535	96,500,266	14,559,335
1955	203	16,590	50,325,387	5,014,951	10,353,242	93,579,471	14,411,370
1956	185	16,095	49,468,237	5,141,383	11,175,928	95,349,763	14,144,284
1957	170	14,569	47,222,273	4,862,774	11,449,260	90,220,670	12,938,819
1958	159	13,162	42,250,458	4,967,177	10,786,747	79,963,327	11,546,472
1959	133	11,485	37,122,895	4,274,990	10,705,703	73,875,895	10,478,324
1960	129	11,587	38,734,894	4,313,868	11,720,197	74,676,240	10,737,246
1961	120	10,461	35,607,905	4,062,543	10,079,645	70,052,683	10,261,420
1962	109	9,470	34,384,376	3,817,918	10,044,625	69,160,213	10,173,173
1963	97	8,903	35,624,266	3,730,779	13,010,951	71,756,581	10,413,941
1964	94	9,087	37,534,802	3,321,027	13,950,176	72,735,085	11,150,727
1965	86	9,076	39,149,842	3,792,387	16,158,661	75,901,126	11,415,458
1966	72	8,564	39,091,279	3,559,052	15,244,376	81,559,794	11,153,461
1967	65	8,227	41,132,621	3,361,626	14,720,983	56,283,274 ²	11,122,935
1968							
Nova Scotia	7	5,311	28,107,801	1,666,862	14,005,285	25,099,048	3,130,332
New Brunswick	8	642	3,117,773	590,693	1,944,778	7,329,346	797,234
Saskatchewan	3	146	1,029,877	180,608	490,773	4,164,841	2,250,219
Alberta	28	1,072	6,268,632	684,749	2,012,552	12,100,484	3,913,801
British Columbia	3	498	2,965,458	244,249	1,382,467	5,242,174	889,264
Yukon	—	—	—	—	—	—	—
Canada	49	7,669	41,489,541	3,367,161	19,835,855	53,935,891 ²	10,980,850

¹ Production figures have been reduced each year by the amount of coal put on waste heap; does not agree with other tables in the publication.

² The 1967 and 1968 "values of coal" exclude subvention payments. Most of the subvention payments to Nova Scotia have been included in "Value at mines" for previous years.

TABLE 2. Imports and Coal Mine Distribution in Canada, 1944-68

Calendar year	Canadian ¹		Imported coal "entered for consumption"				Total	Per capita
			From U.S.A.	From Great Britain	Total ²			
					short tons	%		
	short tons	%	short tons				short tons	
1944	15,660,808	35.7	27,948,008	218,511	28,166,201	64.3	43,827,009	3,659
1945	15,227,819	38.3	24,505,241	28,388	24,521,528	61.7	39,749,347	3,279
1946	16,502,508	39.0	25,639,541	101,580	25,740,704	61.0	42,243,212	3,434
1947	14,673,967	34.0	28,410,149	52,777	28,462,242	66.0	43,136,209	3,428
1948	16,928,028	36.0	30,295,841	162,550	30,454,917	64.0	47,382,945	3,678
1949	18,104,626	45.3	21,501,583	331,457	21,833,057	54.7	39,937,683	2,947
1950	18,224,944	40.5	26,224,893	423,874	26,649,049	59.4	44,873,997	3,241
1951	17,571,154	39.8	26,232,211	291,656	26,523,921	60.2	44,095,075	3,148
1952	16,749,316	40.5	24,248,804	356,032	24,603,789	59.5	41,353,105	2,866
1953	15,240,105	40.0	22,548,793	352,383	22,900,392	60.0	38,140,497	2,580
1954	14,466,212	44.0	18,054,962	266,304	18,322,056	56.0	32,788,266	2,158
1955	14,060,039	42.1	19,053,434	269,898	19,322,134	57.9	33,382,173	2,140
1956	14,115,095	38.9	22,045,485	153,404	22,198,049	61.1	36,313,144	2,258
1957	12,478,626	39.6	18,910,544	134,671	19,041,030	60.4	31,519,656	1,900
1958	11,054,757	43.9	14,089,557	65,275	14,154,121	56.1	25,208,878	1,479
1959	10,589,263	43.1	13,861,676	96,314	13,958,996	56.9	24,548,259	1,407
1960	9,973,308	42.9	13,211,493	65,375	13,276,599	57.1	23,249,907	1,305
1961	9,572,805	44.3	12,253,272	53,226	12,057,086	55.7	21,629,891	1,191
1962	9,510,293	43.4	12,583,618	30,571	12,377,965	56.6	21,888,258	1,179
1963	9,504,903	42.0	13,348,913	21,101	13,105,686	58.0	22,610,589	1,196
1964	10,080,243	40.0	14,983,536	5,578	14,987,656	59.8	25,067,899	1,289
1965	10,181,171	38.0	16,590,348	5,045	16,593,547	62.0	26,774,718	1,353
1966	10,117,756	38.1	16,436,755	—	16,435,111	61.9	26,552,867	1,327
1967	9,764,754	37.7	16,114,190	—	16,113,329	62.3	25,878,083	1,262
1968	9,879,860	36.7	17,046,745	—	17,044,880	63.3	26,924,740	1,308

¹ The sum of Canadian coal mine sales, colliery consumption, companies railroad, coal supplied to employees, and coal used in making coke and briquettes, less the tonnage of coal exported.

² Deductions have been made to take account of foreign coal re-exported from Canada. Imports of briquettes are not included in this table, but are shown separately in Table 16.

TABLE 3. Production of Coal, by Kinds and by Provinces, 1967 and 1968

Province and kind of coal	1967			1968		
	Number of mines	Short tons	Value ¹ at mines	Number of mines	Short tons	Value at mines
			\$			\$
Nova Scotia - Bituminous.....	8	3,738,487	26,823,213	7	3,132,321	25,099,048
New Brunswick - Bituminous.....	14 ²	837,963	7,489,617	8	797,334	7,329,346
Saskatchewan - Lignite.....	3	2,008,147	3,620,962	3	2,250,219	4,164,841
Alberta:						
Bituminous.....	6	937,836	6,252,718	5	948,480	6,864,139
Sub-bituminous.....	29	2,663,723	5,480,027	23	2,976,634	5,236,345
Totals.....	35	3,601,559	11,732,745	28	3,925,114	12,100,484
British Columbia - Bituminous.....	4	1,207,686	6,600,946	3	903,289	5,242,174
Yukon - Bituminous.....	1	1,912	15,791	-	-	-
Canada:						
Bituminous.....	33	6,723,884	47,182,285	23	5,781,424	44,534,707
Sub-bituminous.....	29	2,663,723	5,480,027	23	2,976,634	5,236,345
Lignite.....	3	2,008,147	3,620,962	3	2,250,219	4,164,841
Totals.....	65	11,395,754	56,283,274	49	11,008,277	53,935,893

¹ Value at mines revised to exclude subvention payments.² Represents number of companies filing returns. Some companies sub-lease to small operators for limited periods of time.

TABLE 4. Production of Coal, by Kinds and by Months, 1968

Month	Bituminous	Sub-bituminous	Lignite	Total
				short tons
January.....	509,909	290,049	293,314	1,093,272
February.....	494,155	217,221	282,864	994,240
March.....	538,449	226,683	237,135	1,002,267
April.....	513,503	233,741	145,514	892,758
May.....	516,467	249,292	152,654	918,413
June.....	463,096	207,499	127,479	798,074
July.....	414,051	196,111	132,401	742,563
August.....	395,551	189,100	114,573	699,224
September.....	440,897	197,598	134,023	772,518
October.....	535,764	267,214	182,446	985,424
November.....	499,573	338,328	200,071	1,037,972
December.....	460,009	363,798	247,745	1,071,552
Totals.....	5,781,424	2,976,634	2,250,219	11,008,277

¹ Production for individual provinces on monthly basis contained in monthly publication "Coal and Coke Statistics", Catalogue No. 45-902.

TABLE 5. Disposition of Coal from Canadian Mines, by Sizes and by Destination, 1968

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut slack	Slack	Total
							short tons
Used in making coke at colliery.....	-	1,622	-	-	-	371,890	373,512
Used in making briquettes.....	-	-	-	-	32,740	6,769	39,509
For colliery boilers, railroad, etc.....	4,095	698	1,873	5,128	-	23,459	35,253
Put on bank.....	...	...	...	...	...	...	1,006,314
Put on waste heap.....	...	...	...	...	...	...	53,497 ¹
Railways in Canada for own consumption.....	378	6,664	46,388	5,717	29	77,156	136,332
Ships bunkers for own consumption.....	-	620	-	-	-	313	933
Newfoundland.....	-	27,654	3,889	-	-	25	31,568
Prince Edward Island.....	-	3,504	1,463	171	-	13,001	18,139
Nova Scotia.....	81,679	140,059	18,313	96,395	105,553	721,864	1,163,863
New Brunswick.....	214,487	28,342	6,823	12,317	133	458,560	720,662
Quebec.....	-	2,753	18,753	31,946	35,084	825,474	914,010
Ontario.....	-	2,910	2,015	60,684	1,601	1,187,963	1,253,173
Manitoba.....	-	20,043	55,448	151,900	187,774	296,080	711,245
Saskatchewan.....	1,167,599	133,809	32,139	51,760	118,996	87,933	1,592,236
Alberta.....	226,458	102,577	45,086	147,603	1,961,555	181,453	2,664,732
British Columbia.....	5,363	26,601	3,153	113,389	1,113	73,074	222,693
Yukon.....	-	-	-	-	-	-	-
United States.....	7,839	4,900	3,546	5,355	1,595	149,799	173,034
Japan.....	-	-	-	-	582,481	676,801	1,259,282
St. Pierre.....	-	-	-	-	-	-	-
Total disposition.....	1,707,898	502,756	238,889	682,365	3,028,654	5,151,614	12,371,987
Inventory adjustment (plus or minus).....	...	...	...	...	...	...	- 15,678
Less: Lifted from bank.....	...	...	...	...	...	...	1,339,875
Lifted from waste heap.....	...	...	...	...	...	...	8,157
Total Canadian production.....	1,707,898	502,756	238,889	682,365	3,028,654	5,151,614	11,008,277

¹ The production was reduced by only 27,427 tons; the remaining 26,070 tons was coal produced in previous years in British Columbia and was lifted from bank and put on waste heap in 1968.

TABLE 6. Production, Number of Employees and Man-days Worked, at Strip and Underground Coal Mines, by Provinces, 1968

	Production short tons	Average number of employees		Man-days worked	
		Surface ¹	Underground	Surface ¹	Underground
Nova Scotia:					
Underground mines	3,132,321	573	4,738	176,915	1,025,977
New Brunswick:					
Strip mines	715,834	436	...	133,031	...
Underground mines	81,500	45	161	11,769	36,687
Totals	797,334	481	161	144,800	36,687
Saskatchewan:					
Strip mines	2,250,219	146	...	37,349	...
Alberta:					
Strip mines	2,988,168	281	...	62,708	...
Underground mines	936,946	329	482	83,306	103,987
Totals	3,925,114	590	482	146,014	103,987
British Columbia:					
Strip mines	343,846	83	...	19,698	...
Underground mines	559,443	225	190	54,817	45,729
Totals	903,289	308	190	74,515	45,729
Yukon:					
Underground mines	—	—	—	—	—
Canada:					
Strip mines	6,298,067	926	...	252,786	...
Underground mines	4,710,210	1,172	5,571	326,807	1,212,380
Totals	11,008,277	2,098	5,571	579,593	1,212,380

¹ Includes employees associated with underground mining but working on surface.

TABLE 7. Exports of Canadian Coal, 1959 - 68
(As compiled from Custom's documents)

Calendar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$
1959	473,768	3,582,313	1964	1,291,664	11,971,857
1960	852,921	6,789,163	1965	1,225,994	12,671,785
1961	939,336	8,540,749	1966	1,228,820	13,202,161
1962	893,919	8,207,354	1967	1,338,353	15,091,852
1963	1,054,367	9,870,185	1968	1,447,012	16,336,038

TABLE 8. Exports of Canadian Coal, by Destinations, 1967 and 1968
(As compiled from Custom's documents)

Destination	1967		1968	
	Short tons	Value \$'000	Short tons	Value \$'000
St. Pierre and Miquelon	1,929	31	1,588	20
United States	169,361	1,727	172,043	1,545
Japan	1,167,055	13,334	1,273,222	14,768
Bermuda	—	—	—	—
Bolivia	4	—	—	—
United Kingdom	—	—	—	—
West Germany	4	—	159	3
Totals	1,338,353	15,092	1,447,012	16,336

TABLE 9. Imported Coal: "Entered for Consumption", 1959-68

Year	Anthracite		Bituminous ^{2,3}		Total ⁴	
	Short tons	Value \$	Short tons	Value \$	Short tons	Value \$
1959	1,603,909	17,934,649	12,632,209	66,553,040	14,236,118	84,487,689
1960	1,297,467	13,577,411	12,267,369	63,383,462	13,564,836	76,960,873
1961	1,058,157	11,442,615	11,248,341	60,117,136	12,306,498	71,559,751
1962	914,336	10,306,348	11,699,853	63,865,142	12,614,189	71,171,490
1963	847,326	10,163,756	12,523,080	68,499,597	13,370,406	78,663,353
1964	649,378	7,976,714	14,339,736	78,264,002	14,989,114	86,240,716
1965	640,161	7,695,413	15,955,232	118,250,949 ⁵	16,595,393	125,946,362
1966	594,193	6,747,000	15,842,562	134,063,000	16,436,755	140,810,000
1967	525,645	6,094,000	15,588,545	139,064,000	16,114,190	145,158,000
1968	430,197	5,378,000	16,616,548	154,740,000	17,046,745	160,118,000

¹ Tonnages shown as "Entered for consumption" represent the amounts cleared from customs' ports, duty paid. Figures shown under this heading differ, of course, from those shown for "Landed Coal". Tonnages shown under the latter heading represent the amounts which actually entered the country. Amounts at customs' ports awaiting clearance are usually quite large.

² Includes foreign coal re-exported from Canada.

³ Includes coal dust and coal, n.o.p.

⁴ Imports of briquettes are not included in this table, but are shown separately in Table I6.

⁵ Prior to August 1965, f.o.b. mine.

TABLE 10. United States Coal "Landed in Canada", by Kinds and by Provinces, 1967 and 1968

Destination	1967			1968		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
	short tons					
Newfoundland	1,250	11,214	12,464	1,535	7,707	9,242
Nova Scotia	—	401,145	401,145	—	518,302	518,302
New Brunswick	1,485	318	1,803	1,526	265	1,791
Quebec	247,075	519,481	766,556	290,298	525,542	815,840
Ontario:						
Central	300,848	13,949,170	14,250,018	175,745	15,543,517	15,719,262
Head of Lakes	216	379,434	379,650	230	258,113	258,343
Manitoba	—	547	547	—	55	55
Saskatchewan	—	—	—	30	—	30
British Columbia and Yukon	149	116	265	83	20	103
Totals	551,023	15,261,425	15,812,448	469,447	16,853,521	17,322,968

Note: Does not include 10,888 tons of briquettes in 1967 or 6,452 tons in 1968. See Table 16.

TABLE 11. Summary of Coal Statistics for 1968 — Production, Exports, Interprovincial Shipments, Landed Imports,¹ by Provinces and by Kinds

Province	Canadian coal				Imported coal from U.S.A.
	Production	Received from mines in other provinces	Mine shipments		
			To other provinces	For export	
			short tons		
Newfoundland:					
Anthracite .....	...	—	...	...	1,535
Bituminous .....	...	31,568	...	...	7,707
Totals .....	...	31,568	...	...	9,242
Prince Edward Island:					
Bituminous .....	...	18,139	...	...	—
Nova Scotia:					
Bituminous	3,132,321	—	2,056,476	8,627	518,302
New Brunswick:					
Anthracite	—	—	—	—	1,526
Bituminous	797,334	148,369	93,751	141,172	265
Totals	797,334	148,369	93,751	141,172	1,791
Quebec:					
Anthracite .....	...	—	...	...	290,298
Bituminous .....	...	914,010	...	...	525,542
Totals .....	...	914,010	...	...	815,840
Ontario:²					
Anthracite .....	...	—	...	...	175,975
Bituminous .....	...	1,093,499	...	...	15,801,630
Sub-bituminous .....	...	2,562	...	...	—
Lignite .....	...	159,112	...	...	—
Totals .....	...	1,255,173	...	...	15,977,605
Manitoba:					
Bituminous .....	...	127,287	...	...	55
Sub-bituminous .....	...	73,558	...	...	—
Lignite .....	...	510,400	...	...	—
Totals .....	...	711,245	...	...	55
Saskatchewan:					
Anthracite	—	—	—	—	30
Bituminous	—	94	—	—	—
Sub-bituminous	—	175,992	—	—	—
Lignite	2,250,219	—	669,512	13,025	—
Totals	2,250,219	176,086	669,512	13,025	30
Alberta:					
Bituminous	948,480	161	99,894	818,871	—
Sub-bituminous	2,976,634	—	307,352	115	—
Totals	3,925,114	161	407,246	818,986	—
British Columbia:					
Anthracite	—	—	—	—	83
Bituminous	903,289	87,305	170,311	450,506	20
Sub-bituminous	—	55,240	—	—	—
Totals	903,289	142,545	170,311	450,506	103
Yukon:					
Bituminous	—	—	—	—	—
Canada:					
Anthracite	—	—	—	—	469,447
Bituminous	5,781,424	2,420,432	2,420,432	1,419,176	16,853,521
Sub-bituminous	2,976,634	307,352	307,352	115	—
Lignite	2,250,219	669,512	669,512	13,025	—
Totals	11,008,277	3,397,296	3,397,296	1,432,316	17,322,968

¹ Direct imports into each province.

² Includes Head of Lakes.

Note: In addition to the above, 6,452 tons of briquettes were imported from the United States.

ECONOMIC REGIONS

Economic Regions for Ontario and Quebec consist of the following Counties

Quebec – Economic Regions

North Shore – New Quebec (40)
Saguenay Anticosti
New Quebec District

Gaspesia – South Shore (41)
Bonaventure
Gaspé
Magdalen Islands
Kamouraska
L'Islet
Matane
Montmagny
Rimouski
Témiscouata

Saguenay – Lake St. John (42)
Chicoutimi, Lake St. John

Quebec (43)
Beauce
Bellechasse
Charlevoix
Dorchester
Lévis
Lotbinière
Montmorency
Portneuf
Quebec

Trois-Rivières (44)
Berthier
Champlain
Maskinongé
Nicolet
St. Maurice
Cap-de-la-Madeleine

Eastern Townships (45)
Arthabaska
Brome
Compton
Drummond
Frontenac
Mégantic
Richmond
Shefford
Sherbrooke
Stanstead
Wolfe

Montreal (46)
Argenteuil
Bagot
Beauharnois
Chateauguay
Deux-Montagnes
Huntingdon
Iberville

Montreal (46) – Concluded:

Joliette
Labelle
Laprairie
L'Assomption
Missisquoi
Montcalm
Napierville
Richelieu
Rouville
St. Hyacinthe
St. Jean
Soulanges
Terrebonne
Vaudreuil
Verchères
Yamaska

Metropolitan Montreal (47)

Jesus Island
Montreal Island
Chambly

Hull – Western Laurentides (48)

Hull
Papineau
Pontiac

Abitibi – Témiscamingue (49)

Abitibi
Témiscamingue
Abitibi (District)
Mistassine (District)

Ontario – Economic Regions

Eastern Ontario (50)

Carleton
Dundas
Frontenac
Glengarry
Grenville
Lanark
Leeds
Prescott
Renfrew
Russell
Stormont

Lake Ontario (51)

Durham
Haliburton
Hastings
Lennox and Addington
Northumberland
Peterborough
Prince Edward
Victoria

Metropolitan (52)

Halton
Ontario
Peel
York

Niagara (53)

Brant
Haldimand
Lincoln
Welland
Wentworth

Lake Erie (54)

Elgin
Middlesex
Norfolk
Oxford

Lake St. Clair (55)

Essex
Kent
Lambton

Upper Grand River (56)

Huron
Perth
Waterloo
Wellington

Georgian Bay (57)

Bruce
Dufferin
Grey
Muskoka
Parry Sound
Simcoe

Northeastern Ontario (58)

Algoma
Cochrane
Manitoulin
Nipissing
Sudbury
Timiskaming

Lakehead – Northwestern Ontario (59)

Kenora
Rainy River
Thunder Bay

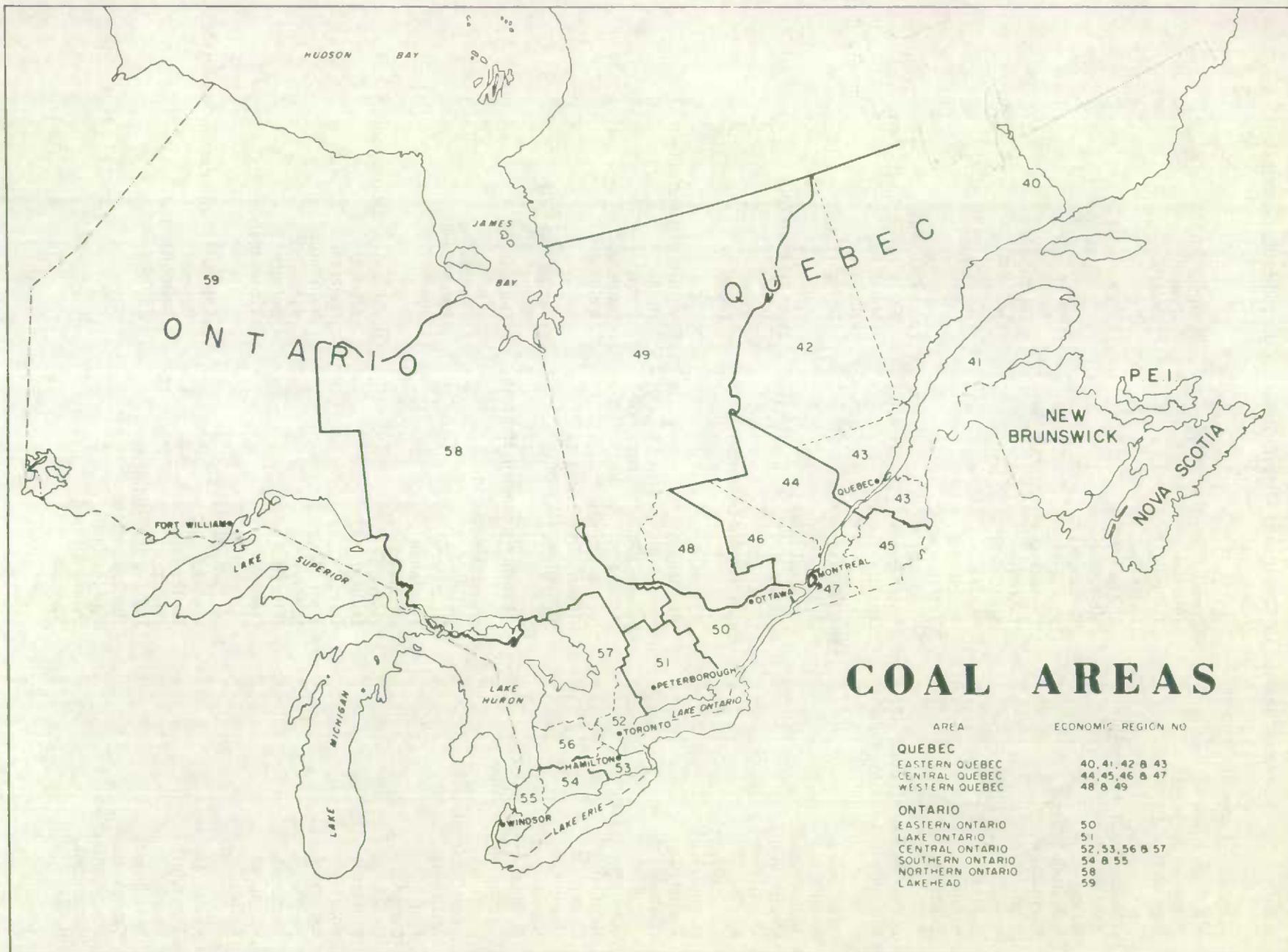


TABLE 12. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers,¹ 1967 and 1968

Kind	Sales		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous	331,379	221,354	14,785	14,438
Sub-bituminous	236,535	182,164	20,016	13,588
Lignite	84,658	65,137	7,818	5,813
Briquettes	15,574	13,148	3,750	2,807
Total Canadian coals	668,146	481,803	46,369	36,646
Foreign coals:				
Anthracite	123,177	97,404	26,247	20,634
Bituminous	555,872	481,560	250,500	222,727
Briquettes	2,066	1,803	843	685
Total foreign coals	681,115	580,767	277,590	244,046
Total all coals	1,349,261	1,062,570	323,959	280,692
Coke (from coal):				
Canadian made	5,214	5,451	502	596
Foreign made	10,786	11,115	1,056	1,038
Total all coke	16,000	16,566	1,558	1,634
Total coal and coke	1,365,261	1,079,136	325,517	282,326

¹ Does not include firms selling less than 1,000 tons per annum.TABLE 13. Sales of Coal and Coke Reported by Retail Fuel Dealers,¹ by Selected Cities, 1968

Kind	Halifax	Saint John	Montreal	Quebec	Toronto	Hamilton	Ottawa	Windsor	Winnipeg	Greater Vancouver
	short tons									
Canadian coals:										
Bituminous	98,473	468	26,405	1,706	—	—	30,774	—	1,051	1,458
Sub-bituminous	—	—	—	—	—	—	—	—	1,879	9,908
Lignite	—	—	—	—	—	—	—	—	22,302	—
Briquettes	79	—	—	—	—	—	30	—	1,646	639
Total Canadian coals	98,552	468	26,405	1,706	—	—	30,804	—	26,878	12,005
Foreign coals:										
Anthracite	892	874	3,192	2,022	12,554	6,993	2,637	84	—	85
Bituminous	—	641	11,677	17,423	92,649	104,331	4,879	44,790	2,640	—
Briquettes	—	87	—	—	68	—	—	—	—	—
Total foreign coals	892	1,602	14,869	19,445	105,271	111,324	7,516	44,874	2,640	85
Total all coals	99,444	2,070	41,274	21,151	105,271	111,324	38,320	44,874	29,518	12,090
Coke (from coal):										
Canadian made	150	15	316	68	600	86	550	—	—	—
Foreign made	—	—	—	—	391	—	—	—	279	—
Total all coke	150	15	316	68	991	86	550	—	279	—
Total coal and coke	99,594	2,085	41,590	21,219	106,262	111,410	38,870	44,874	29,797	12,090

¹ Does not include firms selling less than 1,000 tons per annum.

TABLE 14. Consumption and Stocks of Coal and Coke, by Industrial Consumers,¹ 1967 and 1968

Kind	Consumption		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous:				
(a) Slack	3,806,466	3,558,809	1,042,565	980,758
(b) Stoker and other sizes	55,524	46,037	174	1,230
Total bituminous	3,861,990	3,604,846	1,042,739	981,988
Sub-bituminous	1,950,328	2,522,247	104,771	62,555
Lignite	1,644,569	1,903,070	234,356	238,096
Total Canadian coals	7,456,887	8,030,163	1,381,866	1,282,639
Foreign coals:				
Anthracite	305,079	286,120	113,743	118,099
Bituminous:				
High volatile:				
(a) Slack	7,027,954	7,947,629	4,515,882	4,845,700
(b) Stoker and other sizes	784,520	533,509	352,364	242,366
Low volatile:				
(a) Slack	161,337	150,024	1,188	855
(b) Stoker and other sizes	109,794	123,624	19,284	28,878
Total bituminous	8,083,605	8,754,786	4,888,718	5,117,799
Total foreign coals	8,388,684	9,040,906	5,002,461	5,235,898
Total all coals	15,845,571	17,071,069	6,384,327	6,518,537
Coke:				
Canadian made coal coke	4,426,845	5,063,970	81,624	114,048
Foreign made coal coke	213,528	138,270	10,400	9,460
Petroleum coke	826,374	800,549	177,968	186,664
Total coke	5,466,747	6,002,789	269,992	310,172
Total coal and coke	21,312,318	23,073,858	6,654,319	6,828,709

¹ Does not include firms using less than 1,000 tons of coal per annum.

TABLE 15. Coal Balance for the Calendar Year Ended December 31, 1968
(Supplied by the Dominion Coal Board)

	Coal				Coke		
	Canadian all coals	United States bituminous	Foreign anthracite	Totals	Canadian	United States	Totals
in thousands of short tons							
Balance							
Produced or imported.....	11,008	16,854	469	28,331	5,311	197	5,508
Change in stock	+ 470	- 21	+ 3	+ 452	- 69	+ 1	- 68
Available for consumption	11,478	16,833	472	28,783	5,242	198	5,440
Reported consumed.....	11,282	16,760	383	28,425	5,208	138	5,346
Stocks							
				December 31, 1967	December 31, 1968	Change in stocks	
in thousands of short tons							
Changes in stocks							
Canadian coal:							
Industry				1,382	1,282		- 100
Dealers				46	37		- 9
Docks.....				54	36		- 18
Coke and gas plants				14	20		+ 6
On bank at mines				541	192		- 349
Totals				2,037	1,567		- 470
U.S. bituminous coal:							
Industry				4,889	5,118		+ 229
Dealers				251	223		- 28
Docks.....				991	778		- 213
Coke and gas plants				2,509	2,542		+ 33
Totals				8,640	8,661		+ 21
Foreign anthracite:							
Industry				114	118		+ 4
Dealers				26	21		- 5
Dock operators				3	1		- 2
Totals				143	140		- 3
Canadian coke from coal:							
Industry				82	114		+ 32
Dealers				1	1		- 0
Coke and gas plants				146	183		+ 37
Totals				229	298		+ 69
U.S. coke from coal:							
Industry				10	9		- 1
Dealers				1	1		- 0
Totals				11	10		- 1
Consumption							
in thousands of short tons							
Retail dealers.....	482	483	97	1,062	5	11	16
Direct from mine or plants	383	-	-	383	7	-	7
Employees.....	88	-	-	88	-	-	-
Total sales for domestic use	953	483	97	1,533	12	11	23
Industrial.....	2,577	3,697	286	6,560	5,064	138	5,202
Electric utilities	5,688	5,394	-	11,082	-	-	-
Railways	132	-	-	132	-	-	-
Coke and gas	403	7,007	-	7,410	-	-	-
Bunkers	1	179	-	180	-	-	-
Consumed at mines	81	-	-	81	-	-	-
Exports	1,447	-	-	1,447	144	-	144

TABLE 16. Imported Fuel Briquettes "Landed in Canada", 1966-68

Province	1966	1967	1968
Quebec	—	3,371	—
Central Ontario	3,011	3,225	2,610
Manitoba and Head of Lakes	1,745	2,990	2,085
Saskatchewan	—	1,086	1,653
British Columbia and Yukon	289	216	104
Totals	5,045	10,888	6,452

TABLE 17. Production of Coke, 1959-68

Year	Production	Year	Production
1959	4,094,882	1964	4,342,982
1960	3,872,802	1965	4,368,791
1961	3,899,545	1966	4,426,051
1962	4,021,774	1967	4,430,299
1963	4,280,797	1968	5,310,762

TABLE 18. Bituminous Coal Used in Coke Making and Coke Made, 1968

	Canadian	Imported	Total	Coke made
January	26,986	522,719	549,705	404,715
February	28,732	563,511	592,243	434,334
March	30,940	632,018	662,958	482,450
April	28,264	601,720	629,984	455,608
May	33,655	625,187	658,842	493,419
June	33,994	599,307	633,301	466,871
July	33,419	601,286	634,705	461,344
August	32,447	584,372	616,819	439,776
September	31,435	518,915	550,350	364,403
October	40,435	575,693	616,128	433,059
November	42,533	566,873	609,406	427,935
December	47,798	587,367	635,165	446,808
Totals	410,638	6,978,968	7,389,606	5,310,762

TABLE 19. Disposition of Coke by the Producers, 1968 (Exclusive of petroleum and pitch coke)

	Used		Sold				Total disposition
	In blast furnaces	Other uses ¹	For domestic use	For industrial use	To dealers for resale	For export	
	short tons						
January	332,458	3,833	1,017	61,926	839	3,388	403,461
February	349,719	4,462	820	63,812	619	3,706	423,138
March	391,222	4,046	495	66,501	523	2,198	464,985
April	375,045	3,584	250	68,402	246	7,277	454,804
May	391,698	2,266	156	63,208 ^r	106	27,268 ^r	484,702
June	360,892	2,136	163	66,561 ^r	—	27,640 ^r	457,392
July	393,615	2,516	159	70,057	323	8,819	475,489
August	346,793	2,108	483	60,452	804	9,109	419,749
September	288,516	1,953	758	53,628	367	8,536	353,758
October	368,249	1,095	953	77,047	479	7,940	455,763
November	359,297	1,616	1,132	68,968 ^r	662	29,569 ^r	461,244
December	352,092	1,299	1,085	70,013	53	7,792	432,334
Totals	4,309,596	30,914	7,471	790,575^r	5,021	143,242^r	5,286,819

¹ Includes coke used as fuel, in making gas and in associated works of steel plants.

TABLE 20. Production, Landed Imports and Exports of Coke, by Months, 1967 and 1968

	Production		Landed imports		Exports		Available for consumption	
	1967	1968	1967	1968	1967	1968	1967	1968
	short tons							
January	326,694	404,715	44,931	8,958	7,720	4,300	363,905	409,373
February	321,366	434,334	37,274	18,166	5,518	3,364	353,124	449,136
March	356,291	482,490	43,227	21,469	3,370	2,290	396,148	501,669
April	359,305	455,608	41,843	12,473	5,080	23,283	396,068	444,798
May	393,029	493,419	37,997	9,134	8,403	8,374	422,623	494,179
June	366,994	466,871	26,934	11,657	7,932	29,800	385,996	448,728
July	376,389	461,344	24,850	27,200	6,844	10,318	394,395	478,226
August	384,482	439,776	32,572	15,274	2,742	8,773	414,312	446,277
September	364,779	364,403	10,627	27,862	2,835	9,025	372,571	383,240
October	398,601	433,059	13,922	14,369	5,650	7,772	406,873	439,656
November	385,245	427,935	13,004	18,241	5,361	8,011	392,888	438,165
December	397,122	446,808	11,109	12,215	3,837	28,461	404,394	430,562
Totals	4,430,299	5,310,762	338,290	197,018	65,292	143,771	4,703,297	5,364,009

TABLE 21. Average Value of Coal f.o.b. Mines; Labour, Fuel and Electricity Costs per Ton Raised, by Provinces and Districts, 1967 and 1968

	1967			1968		
	Average value per ton ¹	Average labour cost per ton	Fuel and electricity cost per ton	Average value per ton	Average labour cost per ton	Fuel and electricity cost per ton
	dollars					
Nova Scotia:						
Bituminous:						
Cape Breton	6.85	7.54	.47	7.75	9.02	.55
Cumberland	8.65	7.13	.52	8.44	8.48	.33
Inverness	8.88	5.94	.51	11.34	6.34	.47
Pictou	10.40	8.44	.28	11.41	9.36	.33
Totals	7.17	7.56	.46	8.01	8.97	.53
New Brunswick:						
Bituminous	8.94	3.89	.76	9.19	3.91	.74
Saskatchewan:						
Lignite	1.80	.49	.08	1.85	.46	.08
Alberta:						
Bituminous:						
Cascade	6.18	4.39	.33	6.55	4.86	.37
Crownsnest	7.16	4.43	.40	7.55	4.52	.46
Lethbridge	6.69	3.24	.29	6.38	7.05	.59
Smoky River .....	..	3.42	..	..	..	..
Totals, bituminous	6.67	4.39	.37	7.24	4.65	.44
Sub-bituminous:						
Ardley	3.72	.94	.17	3.73	.64	.09
Brooks	6.23	8.88	2.45	6.64	7.43	1.91
Camrose	2.43	1.01	.13	2.69	1.20	.18
Carbon	5.97	1.69	.17	6.30	2.31	.15
Castor	2.17	.61	.14	2.38	.72	.18
Champion	6.83	5.01	.59	—	—	—
Drumheller	5.88	2.30	.20	5.26	2.29	.21
Edmonton	5.40	3.20	.15	5.68	3.91	.18
Pembina	1.08	.40	.03	1.04	.32	.03
Redcliff	7.84	1.11	.72	—	—	—
Sheerness	1.97	.68	.11	2.33	.96	.20
Taber	4.81	3.37	.47	6.11	2.48	.33
Tofield	2.81	1.15	.30	3.10	1.22	.30
Westlock	3.59	1.08	.24	3.81	.84	.26
Wetaskiwin	6.70	..	..	—	—	—
Totals, sub-bituminous	2.06	.75	.10	1.76	.63	.09
Totals, Alberta	3.26	1.69	.17	3.08	1.60	.17
British Columbia:						
Bituminous:						
Crow's Nest Pass	5.43	2.07	.17	5.75	3.30	.27
Interior	7.62	1.98	.46	9.06	2.40	.43
Island	14.33	5.57	.54	14.99	..	..
Totals	5.47	2.08	.18	5.80	3.28	.27
Yukon:						
Bituminous	8.26	6.95	1.67	—	—	—
Canada	4.94	3.61	.29	4.90	3.77	.59

¹ Revised 1967 average value per ton excludes subvention payments.

TABLE 22. Employees, Salaries and Wages in Coal Mines, by Provinces, 1967 and 1968

Province	Number of man-days worked			Average number of employees			Salaries and wages			
	Surface	Underground	Total	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
					Surface	Underground				
	number						dollars			
1967										
Nova Scotia	195,966	1,166,266	1,362,232	414	508	4,781	5,703	2,345,304	25,926,678	28,271,982
New Brunswick	145,073	51,633	196,706	69	430	216	715	292,974	2,367,854	3,260,828
Saskatchewan	39,683	—	39,683	26	140	—	166	176,134	798,217	974,351
Alberta	154,166	110,806	264,972	168	503	455	1,126	1,002,499	5,098,764	6,101,263
British Columbia	61,091	55,901	116,992	94	206	214	514	506,088	2,004,825	2,510,913
Yukon	241	432	673	—	1	2	3	3,000	10,284	13,284
Canada	596,220	1,385,038	1,981,258	771	1,788	5,668	8,227	4,325,999	36,806,622	41,132,621
1968										
Nova Scotia	176,915	1,025,977	1,202,892	418	477	4,416	5,311	2,408,320	25,699,481	28,107,801
New Brunswick	144,800	36,687	181,487	61	423	158	642	335,832	2,781,941	3,117,773
Saskatchewan	37,349	—	37,349	24	122	—	146	185,660	844,217	1,029,877
Alberta	146,014	103,987	250,001	154	484	434	1,072	1,005,157	5,263,475	6,268,632
British Columbia	74,515	45,729	120,244	96	240	162	498	487,422	2,478,036	2,965,458
Yukon	—	—	—	—	—	—	—	—	—	—
Canada	579,593	1,212,380	1,791,973	753	1,746	5,170	7,669	4,422,391	37,067,150	41,489,541

Note: Data on administrative and office employees and their earnings refer only to those employed at the mines.

TABLE 23. Employment at Coal Mines, 1967 and 1968

	1967			1968		
	Underground mines	Strip mines	Total	Underground mines	Strip mines	Total
Average number of employees:						
Surface	1,211	941	2,152	1,172	926	2,098
Underground	6,075	...	6,075	5,571	...	5,571
Totals	7,286	941	8,227	6,743	926	7,669
Man-days worked:						
Surface	344,694	251,526	596,220	326,807	252,786	579,593
Underground	1,385,038	...	1,385,038	1,212,380	...	1,212,380
Totals	1,729,732	251,526	1,981,258	1,539,187	252,786	1,791,973
Average number of man-days worked during year:						
By surface employees	285	267	277	279	273	276
By underground employees	228	...	228	218	...	218
By all employees	237	267	241	228	273	234

TABLE 24. Employment and Man-days Worked, by Months, 1968, with Comparative Totals for 1967

Month	Number of employees			Man-days worked		
	Surface	Underground	Total	Surface	Underground	Total
January	2,227	6,022	8,249	53,970	114,829	168,799
February	2,191	5,995	8,186	50,879	107,448	158,327
March	2,098	6,027	8,125	50,812	117,408	168,220
April	2,041	5,853	7,894	46,833	102,233	149,066
May	1,974	5,306	7,280	47,239	101,529	148,768
June	1,999	5,564	7,563	45,823	95,272	141,095
July	2,084	5,462	7,546	44,791	90,559	135,350
August	1,972	5,329	7,301	43,480	82,320	125,800
September	2,042	5,298	7,340	45,524	96,457	141,981
October	2,131	5,293	7,424	51,833	114,237	166,070
November	2,181	5,383	7,564	50,837	103,549	154,386
December	2,233	5,318	7,551	47,572	86,539	134,111
Totals for 1968 .....	...	...	...	579,593	1,212,380	1,791,973
Totals for 1967 .....	...	...	...	596,220	1,385,038	1,981,258

TABLE 25. Employment at Coal Mines, by Classes, 1968 with Comparative Totals for 1967

Classification	Average number of employees		Man-days worked		Average number of man-days worked/year	
	Surface	Underground	Surface	Underground	Surface	Underground
Underground mines						
Salaried employees:						
Supervision (management, professional, technical)	128	401	33,627	98,380	263	245
Clerical	104	...	26,926	...	259	...
Wage-earners	940	5,170	266,254	1,114,000	283	215
Strip mines (Includes employees of contractors)						
Salaried employees:						
Supervision (management, professional, technical)	84	...	22,565	...	269	...
Clerical	36	...	9,581	...	266	...
Wage-earners	806	...	220,640	...	274	...
Totals for 1968	2,098	5,571	579,593	1,212,380	276	218
Totals for 1967	2,152	6,075	596,220	1,385,038	277	228

TABLE 26. Average Production of Coal per Man-day, by Strip and Underground Mines, and by Provinces, 1967 and 1968

Year	1967			1968		
	Number of man-days	Production	Average production per man-day	Number of man-days	Production	Average production per man-day
		short tons			short tons	
Nova Scotia:						
Underground	1,362,232	3,738,487	2.74	1,202,892	3,132,321	2.60
New Brunswick:						
Strip mines	130,878	716,540	5.47	133,031	715,834	5.38
Underground	65,828	121,423	1.84	48,456	81,500	1.68
Saskatchewan:						
Strip mines	39,683	2,008,147	50.60	37,349	2,250,219	60.24
Alberta:						
Strip mines	68,917	2,600,574	37.63	62,708	2,988,168	47.65
Underground	196,055	1,000,985	5.14	187,293	936,946	5.00
British Columbia:¹						
Strip mines	12,048	593,096	49.23	19,698	343,846	17.46
Underground	104,944	614,590	5.86	100,546	559,443	5.56
Yukon:						
Underground	673	1,912	2.84	-	-	-
Canada:						
Strip mines	251,526	5,918,357	23.50	252,786	6,298,067	24.91
Underground	1,729,732	5,477,397	3.17	1,539,187	4,710,210	3.06
Totals	1,981,258	11,395,754	5.75	1,791,973	11,008,277	6.14

¹ 1967 and 1968 data are not comparable because 247,038 tons which were put on waste heap are included in 1967 production compared with only 40,095 tons in 1968.

TABLE 27. Capital and Repair Expenditures,¹ 1960-68

	Capital expenditures			Repair expenditures			Capital and repair expenditures		
	Con-struction	Machinery	Total	Con-struction	Machinery	Total	Con-struction	Machinery	Total
	thousands of dollars								
1960.....	2,478	2,675	5,153	743	3,395	4,138	3,221	6,070	9,291
1961.....	496	2,494	2,990	403	3,771	4,174	899	6,265	7,164
1962.....	392	5,598	5,990	524	3,109	3,633	916	8,707	9,623
1963.....	434	1,989	2,423	533	3,698	4,231	967	5,687	6,654
1964.....	3,855	3,901	7,756	610	4,088	4,698	4,465	7,989	12,454
1965.....	865	2,955	3,820	979	6,265	7,244	1,844	9,220	11,064
1966.....	665	1,473	2,138	339	8,108	8,477	1,004	9,581	10,585
1967.....	1,596	2,548	4,144	374	8,578	8,952	1,970	11,126	13,096
1968 ^p	15,335	6,739	22,074	224	4,769	4,993	15,559	11,508	27,067

¹ Compiled by Business Finance Division, DBS.

SECTION II
NEWFOUNDLAND

TABLE 28. Summary of Coal Statistics for Newfoundland in 1968 - Interprovincial Shipments, Landed Imports, by Months and by Kinds

Month	Canadian coal received from other provinces	Imported coal United States	
	Bituminous	Bituminous	Anthracite
	short tons		
January	3,034	3,488	1,152
February	1,663	1,234	-
March	-	-	-
April	939	-	-
May	3,060	-	-
June	3,309	-	-
July	1,816	-	-
August	3,623	-	-
September	5,120	-	-
October	3,599	2,985	-
November	4,413	-	383
December	992	-	-
Totals	31,568	7,707	1,535

TABLE 29. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in Newfoundland, 1967 and 1968

Kind	Sales		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous	19,310	15,598	2,198	2,241
Foreign coals:				
Anthracite	1,182	780	70	289
Bituminous	11,598	8,900	1,518	-
Total foreign coals	12,780	9,680	1,588	289
Total all coals²	32,090	25,278	3,786	2,530

¹ Does not include firms selling less than 1,000 tons per annum.

² No sales or stocks of coke in 1967 or 1968.

SECTION III
PRINCE EDWARD ISLAND

TABLE 30. Summary of Coal Statistics for Prince Edward Island, in 1968 — Interprovincial Shipments,
Landed Imports,¹ by Months and by Kinds

Month	Canadian coal received from other provinces
	short tons
Bituminous coal	
January	681
February	660
March	501
April	1, 149
May	1, 134
June	1, 091
July	4, 064
August	3, 746
September	3, 493
October	459
November	639
December	522
Totals	18, 139

¹ There were no landed imports in 1968.

TABLE 31. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in Prince Edward Island 1967 and 1968

Kind	Sales		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous	4, 043	3, 836	591	442
Foreign coals:				
Anthracite	480	351	75	51
Bituminous	1, 721	1, 245	157	99
Total foreign coals	2, 201	1, 596	232	150
Total all coals	6, 244	5, 432	823	592
Coke (from coal):				
Canadian made	270	191	18	20
Foreign made	—	—	—	—
Total all coke	270	191	18	20
Total coal and coke	6, 514	5, 623	841	612

¹ Does not include firms selling less than 1,000 tons per annum.

**SECTION IV
NOVA SCOTIA**

TABLE 32. Production of Coal from Nova Scotia Mines, 1959-68

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1959	4,391,829	43,730,600	1964	4,291,514	42,827,589
1960	4,561,707	44,981,257	1965	4,132,852	45,486,833
1961	4,300,363	41,716,107	1966	3,852,728	51,518,674
1962 ¹	4,204,026	41,713,202	1967	3,735,473	26,823,213 ³
1963	4,553,570	44,693,053	1968	3,130,332	25,099,048 ³

¹ Production figures have been reduced each year by the amount of coal put on waste heap and does not agree with Tables 33, 34 and 35. In 1968, there were 1,989 tons put on waste heap.

² Does not include 458 tons reclaimed from Mira Bay, Cape Breton.

³ Value of coal for 1967 and 1968 exclude subvention payments.

TABLE 33. Production of Coal by Districts in Nova Scotia, 1966-68

District	1966	1967	1968
	short tons		
Cape Breton	3,384,316	3,311,116	2,809,113
Cumberland	145,284	146,107	121,640
Inverness	65,721	39,517	33,788
Pictou	259,213	241,747	167,780
Totals, Nova Scotia	3,854,534	3,738,487	3,132,321

TABLE 34. Disposition of Coal from Nova Scotia Mines, by Sizes and Destinations, 1968

	Run of mine	Lump cobbie or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
	short tons						
Nova Scotia:							
Shipments to industrial consumers	69,858	28,474	663	18,137	105,553	633,452	856,137
Shipments to dealers for re-sale	2,053	8,376	2,706	14,529	—	81,096	108,760
Sales direct to domestic consumers	7,054	46,602	11,315	46,688	—	7,160	118,819
To employees	2,714	56,607	3,629	17,041	—	156	80,147
Used in making coke	—	1,552	—	—	—	136,111	137,663
For colliery boilers, railroads, etc.	605	640	250	5,112	—	6,854	13,461
Put on bank .....	...	...	...	...	...	...	813,407
Put on waste heap .....	...	...	...	...	...	...	1,989
Nova Scotia total	82,284	142,251	18,563	101,507	105,553	864,829	2,130,383
Railways in Canada for own consumption	47	3,225	342	612	—	8,322	12,548
Ships bunkers for own consumption	—	620	—	—	—	313	933
Newfoundland	—	27,654	3,889	—	—	25	31,568
Prince Edward Island	—	3,504	1,463	171	—	13,001	18,139
New Brunswick	60	8,152	6,823	10,234	—	123,100	148,369
Quebec	—	2,753	18,753	7,481	12,961	778,257	820,205
Ontario	—	—	—	1,108	—	1,037,087	1,038,195
United States	—	—	—	—	—	8,627	8,627
Total disposition	82,391	188,159	49,833	121,113	118,514	2,833,561	4,208,967
Inventory adjustment (plus or minus) .....	...	...	...	...	...	...	- 1,930
Less: Lifted from bank .....	...	...	...	...	...	...	1,073,303
Lifted from waste heap .....	...	...	...	...	...	...	1,413
Total Nova Scotia production	82,391	188,159	49,833	121,113	118,514	2,833,561	3,132,321

TABLE 35. Summary of Coal Statistics for Nova Scotia in 1968 - Production, Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds

Month	Canadian coal				Imported coal from U.S.A.
	Production	Received from other provinces	Mine shipments		
			To other provinces	For export	
short tons					
Bituminous coal					
January	294,216	-	96,239	1,005	56,065
February	270,699	-	91,052	-	38,432
March	320,466	-	93,028	-	27,364
April	278,360	-	161,577	-	50,600
May	274,685	-	206,937	-	51,024
June	240,711	-	173,469	-	72,994
July	235,199	-	190,422	-	17,506
August	169,482	-	253,717	212	17,787
September	238,326	-	222,000	3,495	43,806
October	295,348	-	245,396	3,712	55,382
November	272,625	-	158,986	203	17,322
December	242,004	-	163,653	-	70,020
Totals	3,132,321	-	2,056,476	8,627	518,302

TABLE 36. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in Nova Scotia, 1967 and 1968

Kind	Sales		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
short tons				
Canadian coals:				
Bituminous	118,599	113,108	4,251	4,087
Briquettes	83	79	29	15
Total Canadian coals	118,682	113,187	4,280	4,102
Foreign coals:				
Anthracite	1,769	1,606	684	621
Bituminous	-	-	-	-
Total foreign coals	1,769	1,606	684	621
Total all coals	120,451	114,793	4,964	4,723
Coke (from coal):				
Canadian made	389	260	66	96
Total coal and coke	120,840	115,053	5,030	4,819

¹ Does not include firms selling less than 1,000 tons per annum.

TABLE 37. Consumption and Stocks of Coal and Coke, by Industrial Consumers¹ in Nova Scotia, 1967 and 1968

Kind	Consumption		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
short tons				
Canadian coals:				
Bituminous:				
(a) Slack	911,757	746,639	13,847	16,276
(b) Stoker and other sizes	3,284	774	3	12
Total Canadian bituminous	915,041	747,413	13,850	16,288
Coke:				
Canadian made coal coke	320,375	453,702	-	-
Total coal and coke ²	1,235,416	1,201,115	13,850	16,288

¹ Does not include firms using less than 1,000 tons of coal per annum.

² No consumption or stocks of foreign coal in 1967 or 1968.

TABLE 38. Employees, Salaries and Wages, Number of Man-days Worked in the Coal Mines of Nova Scotia, by Districts, 1967 and 1968

District	Number of man-days worked			Average number of employees			Salaries and wages			
	Surface	Under-ground	Total	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
					Surface	Under-ground				
	dollars									
1967										
Cape Breton	163,057	1,011,291	1,174,348	366	407	4,147	4,920	2,084,092	22,871,046	24,955,138
Cumberland	10,532	51,262	61,794	4	33	206	243	29,789	1,012,438	1,042,227
Inverness	4,337	8,113	12,450	6	14	33	53	33,142	201,692	234,834
Pictou	18,040	95,600	113,640	38	54	395	487	198,281	1,841,502	2,039,783
Totals	195,966	1,166,266	1,362,232	414	508	4,781	5,703	2,345,304	25,926,678	28,271,982
1968										
Cape Breton	148,774	899,381	1,048,155	377	386	3,888	4,651	2,154,588	23,184,880	25,339,468
Cumberland	10,363	55,006	65,369	5	32	210	247	32,049	951,391	983,440
Inverness	3,984	6,833	10,817	6	12	28	46	34,656	179,460	214,116
Pictou	13,794	64,757	78,551	30	47	290	367	187,027	1,383,750	1,570,777
Totals	176,915	1,025,977	1,202,892	418	477	4,416	5,311	2,408,320	25,699,481	28,107,801

TABLE 39. Employment at Coal Mines in Nova Scotia, by Classes,¹ 1968 with Comparative Totals for 1967

Classification	Average number of employees		Man-days worked		Average number of man-days worked/year	
	Surface	Under-ground	Surface	Under-ground	Surface	Under-ground
Underground mining						
Salaried employees:						
Supervision (management, professional, technical)	61	322	15,965	78,416	262	244
Clerical	35	...	9,719	...	278	...
Total salaried employees	96	322	25,684	78,416	268	244
Wage-earners	477	4,416	151,231	947,561	317	215
Total employment						
Total salaried employees	96	322	25,684	78,416	268	244
Total wage-earners	477	4,416	151,231	947,561	317	215
Totals for 1968	573	4,738	176,915	1,025,977	309	217
Totals for 1967	602	5,101	195,966	1,166,266	326	229

¹ Strip mining not applicable in Nova Scotia.

SECTION V
NEW BRUNSWICK

TABLE 40. Production of Coal from New Brunswick Mines,¹ 1959-68

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1959	1,000,738	8,347,215	1964	1,002,116	8,454,869
1960	1,027,864	8,663,339	1965	995,258	8,637,619
1961	887,577	7,526,647	1966	896,743	7,892,427
1962	815,262	6,752,042	1967	837,029	7,489,617
1963	886,027	7,232,170	1968	797,234	7,329,346

¹ Production figures have been reduced each year by the amount put on waste heap. This table does not agree with Tables 41 and 42. There were 100 tons put on waste heap in 1968.

TABLE 41. Disposition of Coal from New Brunswick Mines, by Sizes and Destinations, 1968

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
	short tons						
New Brunswick:							
Shipments to industrial consumers	175,903	20,026	—	2,083	—	335,460	533,472
Shipments to dealers for re-sale	35,441	—	—	—	133	—	35,574
Sales direct to domestic consumers	2,166	—	—	—	—	—	2,166
To employees	917	164	—	—	—	—	1,081
For colliery boilers, railroads, etc.	1,711	—	—	—	—	—	1,711
Put on bank .....	...	...	...	...	...	...	19,542
Put on waste heap .....	...	...	...	...	...	...	100
New Brunswick total	216,138	20,190	—	2,083	133	335,460	593,646
Railways in Canada for own consumption	—	—	312	2,226	—	—	2,538
Quebec	—	—	—	24,465	22,123	47,163	93,751
United States	—	—	—	—	—	141,172	141,172
Total disposition	216,138	20,190	312	28,774	22,256	523,795	831,107
Inventory adjustment (plus or minus) .....	...	...	...	...	...	...	—
Less: Lifted from bank .....	...	...	...	...	...	...	33,648
Lifted from waste heap .....	...	...	...	...	...	...	125
Total New Brunswick production	216,138	20,190	312	28,774	22,256	523,795	797,334

TABLE 42. Summary of Coal Statistics for New Brunswick in 1968 – Production, Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds

Month	Canadian coal				Imported coal	
	Production	Received from other provinces	Mine Shipments		From United States	
			To other provinces	For exports	Bituminous	Anthracite
	short tons					
Bituminous						
January	70,940	18,681	7,362	13,650	23	48
February	63,467	20,206	7,235	13,429	21	49
March	61,160	19,124	9,455	13,429	—	—
April	58,375	11,298	12,894	10,890	—	—
May	63,216	9,429	11,222	12,181	77	214
June	58,549	6,067	10,497	12,473	17	—
July	69,830	8,075	8,868	8,882	—	47
August	70,321	7,151	5,277	12,367	55	154
September	60,627	9,905	3,451	7,460	7	227
October	78,756	11,163	6,071	8,918	—	369
November	68,312	13,797	6,528	13,946	25	206
December	73,781	13,473	4,891	13,547	40	212
Totals	797,334	148,369	93,751	141,172	265	1,526

TABLE 43. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in New Brunswick, 1967 and 1968

Kind	Sales		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous	16,768	8,828	1,639	1,063
Sub-bituminous	—	—	—	—
Briquettes	1	2	—	1
Total Canadian coals	16,769	8,830	1,639	1,064
Foreign coals:				
Anthracite	3,357	3,021	997	1,099
Bituminous	1,944	2,652	209	247
Briquettes	274	210	143	77
Total foreign coals	5,575	5,883	1,349	1,423
Total all coals	22,344	14,713	2,988	2,487
Coke (from coal):				
Canadian made	675	440	96	88
Foreign made	—	—	—	—
Total all coke	675	440	96	88
Total coal and coke	23,019	15,153	3,084	2,575

¹ Does not include firms selling less than 1,000 tons per annum.

TABLE 44. Consumption and Stocks of Coal and Coke, by Industrial Consumers¹ in New Brunswick, 1967 and 1968

Kind	Consumption		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous:				
(a) Slack	686,912	619,546	66,904	54,276
(b) Stoker and other sizes	28,029	29,639	—	—
Total Canadian bituminous	714,941	649,185	66,904	54,276
Total all coals ²	714,941	649,185	66,904	54,276

¹ Does not include firms using less than 1,000 tons of coal per annum.

² No consumption or stocks of foreign coal or coke in 1967 or 1968.

TABLE 45. Employment at Coal Mines in New Brunswick, by Classes, 1968 with Comparative Totals for 1967

Classification	Average number of employees		Man-days worked		Average number of man-days worked/year	
	Surface	Under-ground	Surface	Under-ground	Surface	Under-ground
Underground mining						
Salaried employees:						
Supervision (management, professional, technical)	7	3	1,970	983	281	328
Clerical	7	...	1,742	...	249	...
Total salaried employees	14	3	3,712	983	265	328
Wage-earners	31	158	8,057	35,704	260	226
Strip mining (Includes employees of contractors)						
Salaried employees:						
Supervision (management, professional, technical)	28	...	8,691	...	310	...
Clerical	16	...	4,534	...	283	...
Total salaried employees	44	...	13,225	...	301	...
Wage-earners	392	...	119,806	...	306	...
Total employment						
Total salaried employees	58	3	16,937	983	292	328
Total wage-earners	423	158	127,863	35,704	302	226
Totals for 1968	481	161	144,800	36,687	301	228
Totals for 1967	496	219	145,073	51,633	292	236

SECTION VI

QUEBEC

TABLE 46. Summary of Coal Statistics for Quebec in 1968 - Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds

Month	Canadian coal		Imported coal ¹
	Received from other provinces	Exported	From U.S.A.
	short tons		
January:			
Anthracite	—	—	3,293
Bituminous	70,722	—	11,443
Totals	70,722	—	14,736
February:			
Anthracite	—	—	2,643
Bituminous	63,405	—	11,555
Totals	63,405	—	14,198
March:			
Anthracite	—	—	1,940
Bituminous	60,452	55	10,733
Totals	60,452	55	12,673
April:			
Anthracite	—	—	2,553
Bituminous	72,218	—	51,150
Totals	72,218	—	53,703
May:			
Anthracite	—	—	19,285
Bituminous	78,195	—	60,151
Totals	78,195	—	79,436
June:			
Anthracite	—	—	50,660
Bituminous	82,324	—	21,630
Totals	82,324	—	72,290
July:			
Anthracite	—	—	16,135
Bituminous	91,382	—	55,416
Totals	91,382	—	71,551
August:			
Anthracite	—	—	38,284
Bituminous	64,146	—	80,818
Totals	64,146	—	119,102
September:			
Anthracite	—	—	31,867
Bituminous	59,249	—	68,284
Totals	59,249	—	100,151
October:			
Anthracite	—	—	45,627
Bituminous	76,326	—	47,880
Totals	76,326	—	93,507
November:			
Anthracite	—	—	72,095
Bituminous	78,910	—	94,031
Totals	78,910	—	166,126
December:			
Anthracite	—	—	5,916
Bituminous	116,681	—	12,451
Totals	116,681	—	18,367
Totals:			
Anthracite	—	—	290,298
Bituminous	914,010	55	525,542
Totals	914,010	55	815,840

¹ Briquettes are not included.

TABLE 47. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers,¹ by Selected Areas in Quebec, 1968

Kind	Eastern Quebec area		Central Quebec area		Western Quebec area		Total Quebec	
	Sales	Stocks Dec. 31, 1968	Sales	Stocks Dec. 31, 1968	Sales	Stocks Dec. 31, 1968	Sales	Stocks Dec. 31, 1968
	short tons							
Canadian coals:								
Bituminous	7,266	1,574	33,145	3,011	—	—	40,411	4,585
Foreign coals:								
Anthracite	2,383	28	9,046	685	46	—	11,475	713
Bituminous	25,699	328	21,278	1,131	2,243	50	49,220	1,509
Briquettes	—	—	15	4	—	—	15	4
Total foreign coals	28,082	356	30,339	1,820	2,289	50	60,710	2,226
Total all coals	35,348	1,930	63,484	4,831	2,289	50	101,121	6,811
Coke (from coal):								
Canadian made	1,548	36	1,582	57	—	—	3,130	93
Total coal and coke	36,896	1,966	65,066	4,888	2,289	50	104,251	6,904

¹ Does not include firms selling less than 1,000 tons per annum.TABLE 48. Consumption and Stocks of Coal and Coke, by Industrial Consumers,¹ by Selected Areas in Quebec, 1968

Kind	Eastern Quebec area		Central Quebec area		Western Quebec area		Total Quebec	
	Con- sumption	Stocks Dec. 31, 1968	Con- sumption	Stocks Dec. 31, 1968	Con- sumption	Stocks Dec. 31, 1968	Con- sumption	Stocks Dec. 31, 1968
	short tons							
Canadian coals:								
Bituminous:								
(a) Slack	232,492	64,488	397,672	71,026	282,852	19,506	913,016	155,020
(b) Stoker and other sizes	—	—	15,614	1,198	—	—	15,614	1,198
Total bituminous	232,492	64,488	413,286	72,224	282,852	19,506	928,630	156,218
Total Canadian coals	232,492	64,488	413,286	72,224	282,852	19,506	928,630	156,218
Foreign coals:								
Anthracite	—	—	211,403	103,196	260	6	211,663	103,202
Bituminous:								
High volatile:								
(a) Slack	13,134	265	25,906	1,845	14,368	19,621	53,408	21,731
(b) Stoker and other sizes	3,361	1,005	59,653	24,985	1,530	1,064	64,544	27,054
Low volatile:								
(a) Slack	—	—	1,854	125	187	—	2,041	125
(b) Stoker and other sizes	111	—	34,411	5,127	—	—	34,522	5,127
Total bituminous	16,606	1,270	121,824	32,082	16,085	20,685	154,515	54,037
Total foreign coals	16,606	1,270	333,227	135,278	16,345	20,691	366,178	157,239
Total all coals	249,098	65,758	746,513	207,502	299,197	40,197	1,294,808	313,457
Coke:								
Canadian made coal coke	3,494	6	74,595	17,595	2,866	103	80,955	17,704
Foreign made coal coke	—	—	40,977	6,047	—	—	40,977	6,047
Petroleum coke	378,453	118,294	117,427	17,410	—	—	495,880	135,704
Total coke	381,947	118,300	232,999	41,052	2,866	103	617,812	159,455
Total coal and coke	631,045	184,058	979,512	248,554	302,063	40,300	1,912,620	472,912

¹ Does not include firms using less than 1,000 tons of coal per annum.

SECTION VII
ONTARIO

TABLE 49. Summary of Coal Statistics for Ontario in 1968 - Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds

Month	Canadian coal		Imported from U.S.A. ¹	
	Received from other provinces	Exported	Central Ontario	Head of Lakes
	short tons			
January:				
Anthracite	-	-	15,166	-
Bituminous	30,204	-	18,485	213
Sub-bituminous	592	-	-	-
Lignite	25,810	-	-	-
Totals	56,606	-	33,651	213
February:				
Anthracite	-	-	16,222	-
Bituminous	24,175	16	18,172	130
Sub-bituminous	157	-	-	-
Lignite	25,173	-	-	-
Totals	49,505	16	34,394	130
March:				
Anthracite	-	-	16,627	-
Bituminous	30,978	96	28,489	91
Sub-bituminous	41	-	-	-
Lignite	21,018	-	-	-
Totals	52,037	96	45,116	91
April:				
Anthracite	-	-	11,052	-
Bituminous	90,992	-	1,613,659	290
Sub-bituminous	-	-	-	-
Lignite	10,702	-	-	-
Totals	101,694	-	1,624,711	290
May:				
Anthracite	-	-	15,745	111
Bituminous	126,587	-	2,095,144	24,029
Sub-bituminous	-	-	-	-
Lignite	12,264	-	-	-
Totals	138,851	-	2,110,889	24,140
June:				
Anthracite	-	-	16,139	-
Bituminous	91,494	160	1,581,758	43,999
Sub-bituminous	-	-	-	-
Lignite	10,212	-	-	-
Totals	101,706	160	1,597,897	43,999
July:				
Anthracite	-	-	10,360	30
Bituminous	94,059	-	1,133,504	19,583
Sub-bituminous	-	-	-	-
Lignite	9,402	-	-	-
Totals	103,461	-	1,143,864	19,615

¹Briquettes are not included.

TABLE 49. Summary of Coal Statistics for Ontario in 1968 – Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds – Concluded

Month	Canadian coal		Imported from U.S.A. ¹	
	Received from other provinces	Exported	Central Ontario	Head of Lakes
	short tons			
August:				
Anthracite.....	—	—	16,394	43
Bituminous.....	181,249	—	2,573,242	22,466
Sub-bituminous.....	87	—	—	—
Lignite.....	7,259	—	—	—
Totals	188,595	—	2,589,636	22,509
September:				
Anthracite.....	—	—	14,075	—
Bituminous.....	148,345	—	2,110,967	62,758
Sub-bituminous.....	264	—	—	—
Lignite.....	1,649	—	—	—
Totals	150,258	—	2,125,042	62,758
October:				
Anthracite.....	—	—	15,436	—
Bituminous.....	160,851	197	1,698,890	45,835
Sub-bituminous.....	729	—	—	—
Lignite.....	11,187	—	—	—
Totals	172,767	197	1,714,326	45,835
November:				
Anthracite.....	—	—	15,983	46
Bituminous.....	72,580	—	1,782,556	25,590
Sub-bituminous.....	440	—	—	—
Lignite.....	12,113	—	—	—
Totals	85,133	—	1,798,539	25,636
December:				
Anthracite.....	—	—	12,546	—
Bituminous.....	41,985	—	888,651	13,127
Sub-bituminous.....	252	—	—	—
Lignite.....	12,323	—	—	—
Totals	54,560	—	901,197	13,127
Totals:				
Anthracite.....	—	—	175,745	230
Bituminous.....	1,093,499	469	15,543,517	258,113
Sub-bituminous.....	2,562	—	—	—
Lignite.....	159,112	—	—	—
Totals	1,255,173	469	15,719,262	258,343

¹ Briquettes are not included.

TABLE 50. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers,¹ by Selected Areas in Ontario, 1968

No.	Kind	Eastern Ontario area		Lake Ontario area		Central Ontario area	
		Sales	Stocks Dec. 31, 1968	Sales	Stocks Dec. 31, 1968	Sales	Stocks Dec. 31, 1968
short tons							
Canadian coals:							
1	Bituminous.....	31,072	635	—	—	—	—
2	Sub-bituminous.....	—	—	—	—	615	78
3	Lignite.....	—	—	—	—	21	—
4	Briquettes.....	30	71	—	—	462	53
5	Total Canadian coals.....	31,102	706	—	—	1,098	131
Foreign coals:							
6	Anthracite.....	14,028	3,166	3,993	440	52,176	11,806
7	Bituminous.....	35,880	39,667	2,351	259	255,139	99,189
8	Briquettes.....	50	7	6	—	810	351
9	Total foreign coals.....	49,958	42,840	6,350	699	308,125	111,346
10	Total all coals.....	81,060	43,546	6,350	699	309,223	111,477
Coke (from coal):							
11	Canadian made.....	603	120	—	—	772	169
12	Foreign made.....	—	—	—	—	10,265	936
13	Total all coke.....	603	120	—	—	11,037	1,105
14	Total coal and coke.....	81,663	43,666	6,350	699	320,260	112,582

¹ Does not include firms selling less than 1,000 tons of coal per annum.

TABLE 51. Consumption and Stocks of Coal and Coke, by Industrial Consumers,¹ by Selected Areas in Ontario, 1968

No.	Kind	Eastern Ontario area		Lake Ontario area		Central Ontario area	
		Consumption	Stocks Dec. 31, 1968	Consumption	Stocks Dec. 31, 1968	Consumption	Stocks Dec. 31, 1968
short tons							
Canadian coals:							
Bituminous:							
1	(a) Slack.....	65,526	55,832	—	—	707,208	675,931
2	(b) Stoker and other sizes.....	—	—	—	—	—	—
3	Total bituminous.....	65,526	55,832	—	—	707,208	675,931
4	Sub-bituminous.....	—	—	—	—	—	—
5	Lignite.....	—	—	—	—	—	—
6	Total Canadian coals.....	65,526	55,832	—	—	707,208	675,931
Foreign coals:							
7	Anthracite.....	—	—	2,517	—	52,095	14,897
Bituminous:							
High volatile:							
8	(a) Slack.....	20,345	31,069	201,373	94,091	5,452,701	2,682,745
9	(b) Stoker and other sizes.....	61,079	25	15,137	10	218,514	49,910
Low volatile:							
10	(a) Slack.....	—	—	—	—	21,585	518
11	(b) Stoker and other sizes.....	18	—	—	—	59,179	1,169
12	Total bituminous.....	81,442	31,094	216,510	94,101	5,751,979	2,734,342
13	Total foreign coals.....	81,442	31,094	219,027	94,101	5,804,074	2,749,239
14	Total all coals.....	146,968	86,926	219,027	94,101	6,511,282	3,425,170
Coke:							
15	Canadian made coal coke.....	—	—	2,880	2,658	2,813,054	55,166
16	Foreign made coal coke.....	—	—	—	—	39,269	1,407
17	Petroleum coke.....	—	—	—	—	73,361	15,041
18	Total coke.....	—	—	2,880	2,658	2,925,684	71,614
19	Total coal and coke.....	146,968	86,926	221,907	96,759	9,436,966	3,496,784

¹ Does not include firms using less than 1,000 tons of coal per annum.

TABLE 50. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers, by Selected Areas in Ontario, 1968

Southern Ontario area		Northern Ontario area		Lakehead area		Total Ontario		No.
Sales	Stocks Dec. 31, 1968	Sales	Stocks Dec. 31, 1968	Sales	Stocks Dec. 31, 1968	Sales	Stocks Dec. 31, 1968	
short tons								
—	—	242	—	126	34	31,440	669	1
50	27	—	—	—	—	665	105	2
162	21	—	—	290	33	473	54	3
—	—	—	—	—	—	492	124	4
212	48	242	—	416	67	33,070	952	5
9,389	2,310	364	80	48	—	79,998	17,802	6
112,960	80,426	3,788	519	5,267	40	415,385	220,100	7
323	144	229	80	160	22	1,578	604	8
122,672	82,880	4,381	679	5,475	62	496,961	238,506	9
122,884	82,928	4,623	679	5,891	129	530,031	239,458	10
—	—	—	—	25	10	1,400	299	11
571	15	—	—	—	—	10,836	951	12
571	15	—	—	25	10	12,236	1,250	13
123,455	82,943	4,623	679	5,916	139	542,267	240,708	14

TABLE 51. Consumption and Stocks of Coal and Coke, by Industrial Consumers, by Selected Areas in Ontario, 1968

Southern Ontario area		Northern Ontario area		Lakehead area		Total Ontario		No.
Consumption	Stocks Dec. 31, 1968	Consumption	Stocks Dec. 31, 1968	Consumption	Stocks Dec. 31, 1968	Consumption	Stocks Dec. 31, 1968	
short tons								
—	—	255,790	9,629	1,065	—	1,029,589	741,392	1
—	—	—	—	—	—	—	—	2
—	—	255,790	9,629	1,065	—	1,029,589	741,392	3
—	—	—	—	—	—	—	—	4
—	—	—	—	155,151	2,948	155,151	2,948	5
—	—	255,790	9,629	156,216	2,948	1,184,740	744,340	6
19,845	—	—	—	—	—	74,457	14,897	7
1,599,498	1,102,206	387,832	583,396	232,472	330,462	7,894,221	4,823,969	8
107,791	127,528	56,660	22,566	9,784	15,273	468,965	215,312	9
5,020	30	119,888	—	1,490	182	147,983	730	10
236	—	13,705	22,061	10,214	321	83,352	23,551	11
1,712,545	1,229,764	578,085	628,023	253,960	346,238	8,594,521	5,063,562	12
1,732,390	1,229,764	578,085	628,023	253,960	346,238	8,668,978	5,078,459	13
1,732,390	1,229,764	833,875	637,652	410,176	349,186	9,853,718	5,822,799	14
4,395	458	1,612,540	30,363	10	3	4,432,879	88,648	15
37,848	1,271	11,202	—	40	—	88,359	2,678	16
8,734	9,259	—	—	10,042	—	92,137	24,300	17
50,977	10,988	1,623,742	30,363	10,092	3	4,613,375	115,626	18
1,783,367	1,240,752	2,457,617	668,015	420,268	349,189	14,467,093	5,938,425	19

**SECTION VIII
MANITOBA**

TABLE 52. Summary of Coal Statistics for Manitoba in 1968 - Exports, Interprovincial Shipments, Landed Imports (exclusive of tonnage cleared at Head of Lakes, some of which entered Manitoba), by Months and by Kinds

Month	Canadian coal		Imported ¹ from U.S.A.
	Received from other provinces	Exported	
		short tons	
January:			
Bituminous	12,944	115	-
Sub-bituminous	15,841	-	-
Lignite	88,258	-	-
Totals	117,043	115	-
February:			
Bituminous	8,432	39	-
Sub-bituminous	8,956	-	-
Lignite	91,395	-	-
Totals	108,783	39	-
March:			
Bituminous	11,733	40	-
Sub-bituminous	3,172	-	-
Lignite	89,565	-	-
Totals	104,470	40	-
April:			
Bituminous	10,862	25	-
Sub-bituminous	590	-	-
Lignite	22,557	-	-
Totals	34,009	25	-
May:			
Bituminous	8,507	18	-
Sub-bituminous	118	-	-
Lignite	41,236	-	-
Totals	49,861	18	-
June:			
Bituminous	9,383	-	-
Sub-bituminous	76	-	-
Lignite	22,352	-	-
Totals	31,811	-	-

¹ Briquettes are not included.

TABLE 52. Summary of Coal Statistics for Manitoba in 1968 - Exports, Interprovincial Shipments, Landed Imports (exclusive of tonnage cleared at Head of Lakes, some of which entered Manitoba), by Months and by Kinds - Concluded

Month	Canadian coal		Imported ¹ from U.S.A.
	Received from other provinces	Exported	
		short tons	
July:			
Bituminous	13,030	187	-
Sub-bituminous	40	-	-
Lignite	9,754	-	-
Totals	22,824	187	-
August:			
Bituminous	11,497	-	-
Sub-bituminous	1,342	-	-
Lignite	8,742	-	-
Totals	21,581	-	-
September:			
Bituminous	10,201	-	-
Sub-bituminous	4,155	-	-
Lignite	17,033	-	-
Totals	31,389	-	-
October:			
Bituminous	7,466	101	-
Sub-bituminous	14,164	-	-
Lignite	25,618	-	-
Totals	47,248	101	-
November:			
Bituminous	12,128	56	-
Sub-bituminous	14,367	-	-
Lignite	38,710	-	-
Totals	65,205	56	-
December:			
Bituminous	11,104	-	55
Sub-bituminous	10,737	-	-
Lignite	55,180	-	-
Totals	77,021	-	55
Totals:			
Bituminous	127,287	581	55
Sub-bituminous	73,558	-	-
Lignite	510,400	-	-
Totals	711,245	581	55

¹ Briquettes are not included.

TABLE 53. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in Manitoba, 1967 and 1968

Kind	Sales		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous	2,600	1,496	367	334
Sub-bituminous	63,863	50,830	6,719	4,279
Lignite	65,940	50,713	5,813	4,199
Briquettes	9,217	7,532	2,113	1,490
Total Canadian coals	141,620	110,571	15,012	10,302
Foreign coals:				
Anthracite	32	88	11	25
Bituminous	6,027	3,768	715	712
Briquettes	—	—	—	—
Total foreign coals	6,059	3,856	726	737
Total all coals	147,679	114,427	15,738	11,039
Coke (from coal):				
Foreign made	288	279	72	87
Total coal and coke	147,967	114,706	15,810	11,126

¹ Does not include firms selling less than 1,000 tons of coal per annum.

TABLE 54. Consumption and Stocks of Coal and Coke, by Industrial Consumers¹ in Manitoba, 1967 and 1968

Kind	Consumption		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous:				
(a) Slack	137,048	129,042	17,500	4,345
(b) Stoker and other sizes	—	10	—	20
Total bituminous	137,048	129,052	17,500	4,365
Lignite	203,736	368,233	80,252	86,419
Total Canadian coals	340,784	497,285	97,752	90,784
Foreign coals:				
Anthracite	—	—	—	—
Bituminous:				
High volatile:				
Slack	—	—	—	—
Low volatile:				
Stoker and other sizes	4,477	5,750	150	200
Total bituminous	4,477	5,750	150	200
Total foreign coals	4,477	5,750	150	200
Total all coals	345,261	503,035	97,902	90,984
Coke:				
Canadian made	13	20	32	12
Foreign made	1,939	2,114	359	493
Total coke	1,952	2,134	391	505
Total coal and coke	347,213	505,169	98,293	91,489

¹ Does not include firms using less than 1,000 tons of coal per annum.

SECTION IX
SASKATCHEWANTABLE 55. Production of Coal from Saskatchewan Mines,¹ 1959-68

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1959	1,912,172	3,746,044	1964	1,988,237	3,905,202
1960	2,145,307	3,833,629	1965	2,059,011	3,715,385
1961	2,201,492	3,769,357	1966	2,078,014	3,717,586
1962	2,246,010	4,553,900	1967	1,996,985	3,620,962
1963	1,856,009	3,713,988	1968	2,250,219	4,164,841

¹ Production figures have been reduced each year by the amount put on waste heap. This table does not agree with Tables 56 and 57, except for 1968 as no coal was put on waste heap in 1968. No subvention payments are included in the value of coal.

TABLE 56. Disposition of Coal from Saskatchewan Mines, by Sizes and Destinations, 1968

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
	short tons						
Saskatchewan:							
Shipments to industrial consumers	1,133,037	96,743	4,070	29,809	54,746	63,543	1,381,948
Shipments to dealers for re-sale	—	6,772	16,712	9,974	—	211	33,669
Sales direct to domestic consumers	—	—	—	—	—	—	—
To employees	—	60	152	321	—	—	533
Used in making briquettes	—	—	—	—	32,740	—	32,740
For colliery boilers, railroads, etc.	—	—	1,623	—	—	1,252	2,875
Put on bank .....	...	...	...	...	...	...	13,204
Put on waste heap .....	...	...	...	...	...	...	—
Saskatchewan total	1,133,037	103,575	22,557	40,104	87,486	65,006	1,464,969
Railways in Canada for own consumption	—	685	45,507	2,702	—	68,094	116,988
Ontario	—	—	1,921	40,617	—	116,574	159,112
Manitoba	—	3,087	52,296	85,598	187,712	181,707	510,400
United States	—	4,900	3,456	4,669	—	—	13,025
Total disposition	1,133,037	112,247	125,737	173,690	275,198	431,381	2,264,494
Lifted from bank .....	...	...	...	...	...	...	14,275
Lifted from waste heap .....	...	...	...	...	...	...	—
Total Saskatchewan production	1,133,037	112,247	125,737	173,690	275,198	431,381	2,250,219

TABLE 57. Summary of Coal Statistics for Saskatchewan in 1968 - Production, Exports, Interprovincial Shipments, Landed Imports,¹ by Months and by Kinds

Month	Canadian coal				Imported from U.S.A.
	Production	Received from other provinces	Mine shipments		
			To other provinces	For export	
	short tons				
January:					
Bituminous	-	-	-	-	-
Sub-bituminous	-	53,065	-	-	-
Lignite	293,314	-	114,068	2,703	-
Totals	293,314	53,065	114,068	2,703	-
February:					
Bituminous	-	-	-	-	-
Sub-bituminous	-	26,920	-	-	-
Lignite	282,864	-	116,568	1,657	-
Totals	282,864	26,920	116,568	1,657	-
March:					
Bituminous	-	-	-	-	-
Sub-bituminous	-	7,200	-	-	-
Lignite	237,135	-	110,583	875	-
Totals	237,135	7,200	110,583	875	-
April:					
Bituminous	-	-	-	-	-
Sub-bituminous	-	1,125	-	-	-
Lignite	145,514	-	33,259	246	-
Totals	145,514	1,125	33,259	246	-
May:					
Bituminous	-	-	-	-	-
Sub-bituminous	-	22,233	-	-	-
Lignite	152,654	-	53,500	101	-
Totals	152,654	22,233	53,500	101	-
June:					
Bituminous	-	-	-	-	-
Sub-bituminous	-	4,467	-	-	-
Lignite	127,479	-	32,564	69	-
Totals	127,479	4,467	32,564	69	-
July:					
Anthracite	-	-	-	-	30
Bituminous	-	67	-	-	-
Sub-bituminous	-	-	-	-	-
Lignite	132,401	-	19,156	-	-
Totals	132,401	67	19,156	-	30
August:					
Bituminous	-	-	-	-	-
Sub-bituminous	-	1,020	-	-	-
Lignite	114,573	-	16,001	111	-
Totals	114,573	1,020	16,001	111	-
September:					
Bituminous	-	-	-	-	-
Sub-bituminous	-	3,506	-	-	-
Lignite	134,023	-	18,682	515	-
Totals	134,023	3,506	18,682	515	-

¹ Briquettes are not included.

TABLE 57. Summary of Coal Statistics for Saskatchewan in 1968 – Production, Exports, Interprovincial Shipments, Landed Imports,¹ by Months and by Kinds – Concluded

Month	Canadian coal				Imported from U.S.A.
	Production	Received from other provinces	Mine shipments		
			To other provinces	For export	
	short tons				
October:					
Bituminous	—	—	—	—	—
Sub-bituminous	—	16,392	—	—	—
Lignite	182,446	—	36,805	2,400	—
Totals	182,446	16,392	36,805	2,400	—
November:					
Bituminous	—	27	—	—	—
Sub-bituminous	—	18,989	—	—	—
Lignite	200,071	—	50,823	2,094	—
Totals	200,071	19,016	50,823	2,094	—
December:					
Bituminous	—	—	—	—	—
Sub-bituminous	—	21,075	—	—	—
Lignite	247,745	—	67,503	2,254	—
Totals	247,745	21,075	67,503	2,254	—
Totals:					
Anthracite	—	—	—	—	30
Bituminous	—	94	—	—	—
Sub-bituminous	—	175,992	—	—	—
Lignite	2,250,219	—	669,512	13,025	—
Totals	2,250,219	176,086	669,512	13,025	30

¹ Briquettes are not included.

TABLE 58. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in Saskatchewan, 1967 and 1968

Kind	Sales		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous	3,644	943	388	223
Sub-bituminous	49,030	36,405	7,472	4,933
Lignite	18,172	12,345	1,944	1,487
Briquettes	4,444	4,086	1,212	1,083
Total Canadian coals	75,290	53,779	11,016	7,726
Foreign coals:				
Anthracite	—	—	2	—
Total foreign coals	—	—	2	—
Total all coals²	75,290	53,779	11,018	7,726

¹ Does not include firms selling less than 1,000 tons of coal per annum.

² No consumption or stocks of coke in 1967 or 1968.

TABLE 59. Consumption and Stocks of Coal and Coke, by Industrial Consumers¹ in Saskatchewan, 1967 and 1968

Kind	Consumption		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Sub-bituminous	383,617	187,373	55,831	37,523
Lignite.....	1,196,626	1,379,686	152,271	148,729
Total Canadian coals	1,580,243	1,567,059	208,102	186,252
Total all coals ²	1,580,243	1,567,059	208,102	186,252

¹ Does not include firms using less than 1,000 tons of coal per annum.

² No consumption or stocks of foreign coal or coke in 1967 or 1968.

TABLE 60. Employment at Coal Mines in Saskatchewan, by Classes,¹ 1968 with Comparative Totals for 1967

Classification	Average number of employees	Man-days worked	Average number of man-days worked/year
	Surface	Surface	Surface
Strip mining (Includes employees of contractors)			
Salaried employees:			
Supervision (management, professional, technical).....	13	3,501	269
Clerical	11	3,003	272
Total salaried employees	24	6,504	271
Wage-earners	122	30,845	253
Total employment			
Total salaried employees	24	6,504	271
Total wage-earners.....	122	30,845	253
Totals for 1968	146	37,349	256
Totals for 1967	166	39,683	239

¹ Underground mining not applicable in Saskatchewan.

SECTION X
ALBERTA

TABLE 61. Production of Coal from Alberta Mines,¹ 1959-68

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1959	2,485,408	12,756,112	1964	2,956,267	11,182,833
1960	2,213,790	11,516,842	1965	3,404,286	12,173,846
1961	1,985,636	10,472,978	1966	3,454,478	11,947,258
1962	2,079,048	9,969,608	1967	3,590,888	11,732,745 ²
1963	2,282,074	9,864,890	1968	3,913,801	12,100,484 ²

¹ Production figures have been reduced each year by the amount of coal put on waste heap. This table does not agree with Tables 62, 63, 64, 65 and 66. There were 11,313 tons put on waste heap in 1968.

² Value of coal for 1967 and 1968 excludes subvention payments.

TABLE 62. Production of Coal by Districts in Alberta, 1967 and 1968

District	1967			1968		
	Strip mines	Under-ground	Total	Strip mines	Under-ground	Total
	short tons					
Bituminous						
Cascade	17,630	271,324	288,954	45,626	238,093	283,719
Crowsnest	101,157	519,805	620,962	96,662 ¹	564,118	660,780 ¹
Lethbridge	—	3,085	3,085	2,373	343	2,716
Smoky River	—	24,835	24,835	—	1,265	1,265
Totals, bituminous	118,787	819,049	937,836	144,661¹	803,819	948,480¹
Sub-bituminous						
Ardley	25,130	—	25,130	23,366	—	23,366
Brooks	5,160	—	5,160	4,946	—	4,946
Camrose	16,842	—	16,842	15,408	—	15,408
Carbon	7,119	338	7,457	4,883	—	4,883
Castor	859,694	—	859,694	636,349	—	636,349
Champion	—	458	458	—	—	—
Drumheller	56,269	128,768	185,037	66,896	95,122	162,018
Edmonton	11,292	51,831	63,123	9,887	38,005	47,892
Pembina	1,196,637	—	1,196,637	1,945,467	—	1,945,467
Redcliff	—	541	541	—	—	—
Sheerness	259,720	—	259,720	100,115	—	100,115
Taber	9,929	—	9,929	4,713	—	4,713
Tofield	12,026	—	12,026	9,629	—	9,629
Westlock	21,855	—	21,855	21,848	—	21,848
Wetaskiwin	114	—	114	—	—	—
Totals, sub-bituminous	2,481,787	181,936	2,663,723	2,843,507	133,127	2,976,634
Totals, Alberta	2,600,574	1,000,985	3,601,559	2,998,168¹	936,946	3,925,114¹

¹ Includes 6,547 tons produced by Coleman Collieries Ltd., in British Columbia.

TABLE 63. Disposition of Coal from Alberta Mines, by Sizes and Destinations, 1968

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
	short tons						
Alberta:							
Shipments to industrial consumers.....	216,916	1	—	—	1,955,794	144,928	2,317,639
Shipments to dealers for re-sale	5,166	32,461	9,124	29,731	82	8,108	84,672
Sales direct to domestic consumers	4,371	69,569	35,879	115,464	5,532	28,402	259,217
To employees	—	536	83	2,408	1	15	3,043
Used in making coke	—	70	—	—	—	197	267
Used in making briquettes	—	—	—	—	—	6,769	6,769
For colliery boilers, railroads, etc.	1,779	58	—	16	—	—	1,853
Put on bank .....	...	...	...	...	...	...	74,868
Put on waste heap .....	...	...	...	...	...	...	11,313
Alberta total	228,232	102,695	45,086	147,619	1,961,409	188,419	2,759,641

TABLE 63. Disposition of Coal from Alberta Mines, by Sizes and Destinations, 1968 — Concluded

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
	short tons						
Railways in Canada for own consumption	230	2,662	227	82	—	—	3,201
Quebec	—	—	—	—	—	54	54
Ontario	—	2,910	94	10,492	1,601	—	15,097
Manitoba	—	16,814	3,152	53,592	—	—	73,558
Saskatchewan	34,562	30,234	11,205	11,656	64,156	24,179	175,992
British Columbia	—	24,254	2,078	46,611	1,030	68,572	142,545
United States	7,839	—	90	25	1,595	—	9,549
Japan	—	—	—	—	582,481	226,956	809,437
Total disposition	270,863	179,569	61,932	270,077	2,612,272	508,180	3,989,074
Inventory adjustment (plus or minus) .....	...	...	...	...	...	...	—
Less: Lifted from bank .....	...	...	...	...	...	...	57,641
Lifted from waste heap .....	...	...	...	...	...	...	6,319
Total Alberta production	270,863	179,569	61,932	270,077	2,612,272	508,180	3,925,114

TABLE 64. Disposition of Bituminous Coal from Alberta Mines, by Sizes and Destinations, 1968

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
	short tons						
Alberta:							
Shipments to industrial consumers	—	1	—	—	—	5,889	5,890
Shipments to dealers for re-sale	—	—	—	—	—	—	—
Sales direct to domestic consumers	—	1,199	118	3,105	5	113	4,540
To employees	—	29	—	1,054	—	—	1,083
Used in making coke	—	70	—	—	—	197	267
Used in making briquettes	—	—	—	—	—	6,769	6,769
For colliery boilers, railroads, etc.	1,779	—	—	—	—	—	1,779
Put on bank .....	...	...	...	...	...	...	49,395
Put on waste heap .....	...	...	...	...	...	...	3,123
Alberta total	1,779	1,299	118	4,159	5	12,968	72,846
Railways in Canada for own consumption	230	—	—	—	—	—	230
Quebec	—	—	—	—	—	54	54
Ontario	—	496	—	10,438	1,601	—	12,535
Manitoba	—	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—	—
British Columbia	—	869	371	17,437	56	68,572	87,305
United States	7,839	—	—	—	1,595	—	9,434
Japan	—	—	—	—	582,481	226,956	809,437
Total disposition	9,848	2,664	489	32,034	585,738	308,550	991,841
Inventory adjustment (plus or minus) .....	...	...	...	...	...	...	—
Less: Lifted from bank .....	...	...	...	...	...	...	38,154
Lifted from waste heap .....	...	...	...	...	...	...	5,207
Total Alberta production	9,848	2,664	489	32,034	585,738	308,550	948,480

TABLE 65. Disposition of Sub-bituminous Coal from Alberta Mines, by Sizes and Destinations, 1968

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut- slack	Slack	Total
short tons							
Alberta:							
Shipments to industrial consumers.....	216,916	—	—	—	1,955,794	139,039	2,311,749
Shipments to dealers for re-sale.....	5,166	32,461	9,124	29,731	82	8,108	84,672
Sales direct to domestic consumers.....	4,371	68,370	35,761	112,359	5,527	28,289	254,677
To employees.....	—	507	83	1,354	1	15	1,960
For colliery boilers, railroads, etc.....	—	58	—	16	—	—	74
Put on bank.....	...	...	...	...	...	...	25,473
Put on waste heap.....	...	...	...	...	...	...	8,190
Alberta total	226,453	101,396	44,968	143,460	1,961,404	175,451	2,686,795
Railways in Canada for own consumption.....	—	2,662	227	82	—	—	2,971
Quebec.....	—	—	—	—	—	—	—
Ontario.....	—	2,414	94	54	—	—	2,562
Manitoba.....	—	16,814	3,152	53,592	—	—	73,558
Saskatchewan.....	34,562	30,234	11,205	11,656	64,156	24,179	175,992
British Columbia.....	—	23,385	1,707	29,174	974	—	55,240
United States.....	—	—	90	25	—	—	115
Japan.....	—	—	—	—	—	—	—
Total disposition	261,015	176,905	61,443	238,043	2,026,534	199,630	2,997,233
Inventory adjustment (plus or minus).....	...	...	...	...	...	...	—
Less: Lifted from bank.....	...	...	...	...	...	...	19,487
Lifted from waste heap.....	...	...	...	...	...	...	1,112
Total Alberta production	261,015	176,905	61,443	238,043	2,026,534	199,630	2,976,634

TABLE 66. Summary of Coal Statistics for Alberta in 1968 — Production, Exports, Interprovincial Shipments, Landed Imports,¹ by Months and by Kinds

Month	Canadian coal			
	Production	Received from other provinces	Mine shipments	
			To other provinces	For export
short tons				
January:				
Bituminous.....	79,125	15	9,205	67,789
Sub-bituminous.....	290,049	—	77,535	102
Totals	369,174	15	86,740	67,891
February:				
Bituminous.....	81,151	—	9,709	53,581
Sub-bituminous.....	217,221	—	41,690	—
Totals	298,372	—	51,399	53,581
March:				
Bituminous.....	82,202	45	8,941	80,724
Sub-bituminous.....	226,683	—	13,313	6
Totals	308,885	45	22,254	80,730
April:				
Bituminous.....	96,569	50	11,268	79,934
Sub-bituminous.....	233,741	—	5,682	—
Totals	330,310	50	16,950	79,934
May:				
Bituminous.....	79,812	—	8,632	67,538
Sub-bituminous.....	249,292	—	23,979	—
Totals	329,104	—	32,611	67,538

TABLE 66. Summary of Coal Statistics for Alberta in 1968 – Production, Exports, Interprovincial Shipments, Landed Imports,¹ by Months and by Kinds – Concluded

Month	Canadian coal			
	Production	Received from other provinces	Mine shipments	
			To other provinces	For export
	short tons			
June:				
Bituminous	69,982	—	5,120	55,739
Sub-bituminous	207,499	—	5,716	—
Totals	277,481	—	10,836	55,739
July:				
Bituminous	66,944	—	5,276	77,297
Sub-bituminous	196,111	—	297	—
Totals	263,055	—	5,573	77,297
August:				
Bituminous	66,163	—	2,645	60,997
Sub-bituminous	189,100	—	4,467	—
Totals	255,263	—	7,112	60,997
September:				
Bituminous	76,893	—	6,267	66,362
Sub-bituminous	197,598	—	13,822	—
Totals	274,491	—	20,089	66,362
October:				
Bituminous	86,136	—	11,621	72,025
Sub-bituminous	267,214	—	40,443	—
Totals	353,350	—	52,064	72,025
November:				
Bituminous	88,005	51	9,721	77,951
Sub-bituminous	338,328	—	40,529	—
Totals	426,333	51	50,250	77,951
December:				
Bituminous	75,498	—	11,489	58,936
Sub-bituminous	363,798	—	39,879	7
Totals	439,296	—	51,368	59,943
Totals:				
Bituminous	948,480	161	99,894	818,871
Sub-bituminous	2,976,634	—	307,352	115
Totals	3,925,114	161	407,246	818,986

¹ There were no landed imports in 1968.

TABLE 67. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in Alberta, 1967 and 1968

Kind	Sales		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals: ²				
Sub-bituminous	72,983	60,163	3,771	2,616
Lignite	—	420	—	—
Total Canadian coals	72,983	60,583	3,771	2,616

¹ Does not include firms selling less than 1,000 tons of coal per annum.² No sales or stocks of foreign coal or of domestic or foreign coke in 1967 or 1968.TABLE 68. Consumption and Stocks of Coal and Coke, by Industrial Consumers¹ in Alberta, 1967 and 1968

Kind	Consumption		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous:				
Slack	6,005	6,101	350	—
Sub-bituminous	1,566,711	2,334,874	48,940	25,032
Total Canadian coals	1,572,716	2,340,975	49,290	25,032
Total all coals	1,572,716	2,340,975	49,290	25,032
Coke:				
Foreign made	3,246	3,671	175	142
Total coal and coke²	1,575,962	2,344,646	49,465	25,174

¹ Does not include firms using less than 1,000 tons of coal per annum.² No consumption or stocks of foreign coal in 1967 or 1968.

TABLE 69. Employees, Salaries and Wages, Number of Man-days Worked at the Coal Mines in Alberta, by Districts, 1967 and 1968

District	Number of man-days worked			Average number of employees			Salaries and wages			
	Surface	Under-ground	Total	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
					Surface	Under-ground				
1967										
Bituminous:										
Cascade	21,892	32,085	53,977	36	77	101	214	166,510	1,100,724	1,267,234
Coalspur	—	—	—	—	—	—	—	—	—	—
Crowsnest	56,590	57,989	114,579	53	180	252	485	376,533	2,376,260	2,752,793
Lethbridge	343	651	994	1	1	2	4	1,000	9,000	10,000
Smoky River	1,168	2,966	4,134	7	1	11	19	28,000	57,000	85,000
Totals, bituminous	79,993	93,691	173,684	97	259	366	722	572,043	3,542,984	4,115,027
Sub-bituminous:										
Ardley	1,768	—	1,768	2	5	—	7	7,950	15,728	23,678
Brooks	1,678	—	1,678	1	7	—	8	14,400	31,416	45,816
Camrose	899	—	899	1	3	—	4	1,500	15,550	17,050
Carbon	742	322	1,064	1	2	2	5	400	12,216	12,616
Castor	23,919	—	23,919	14	79	—	93	107,164	421,186	528,350
Champion	—	130	130	—	—	1	1	1,100	1,195	2,295
Drumheller	9,992	8,567	18,559	10	38	53	101	92,414	333,726	426,140
Edmonton	4,199	7,752	11,951	14	9	32	55	38,234	163,770	202,004
Pembina	18,801	—	18,801	14	67	—	81	92,053	382,091	474,144
Redcliff	120	344	464	—	—	1	1	1,500	4,523	6,023
Sheerness	8,571	—	8,571	8	26	—	34	43,666	133,550	177,216
Taber	1,213	—	1,213	2	3	—	5	17,202	16,267	33,469
Tofield	926	—	926	1	2	—	3	6,473	7,362	13,835
Westlock	1,329	—	1,329	3	3	—	6	6,400	17,200	23,600
Wetaskiwin	16	—	16	—	—	—	—	—	—	—
Totals, sub-bituminous	74,173	17,115	91,288	71	244	89	404	430,456	1,555,780	1,986,236
Totals, Alberta	154,166	110,806	264,972	168	503	455	1,126	1,002,499	5,098,764	6,101,263
1968										
Bituminous:										
Cascade	23,629	31,775	55,404	36	79	105	220	176,449	1,203,788	1,380,237
Coalspur	10	—	10	—	—	—	—	—	—	—
Crowsnest	56,192	59,236	115,428	54	179	259	492	441,791	2,544,808	2,986,599
Lethbridge	330	60	390	—	1	—	1	7,300	11,852	19,152
Smoky River	336	609	945	—	1	2	3	5,000	14,737	19,737
Totals, bituminous	80,497	91,680	172,177	90	260	366	716	630,540	3,775,185	4,405,725
Sub-bituminous:										
Ardley	1,177	—	1,177	2	3	—	5	2,174	12,800	14,974
Brooks	1,034	—	1,034	1	3	—	4	12,000	24,747	36,747
Camrose	714	—	714	1	3	—	4	8,160	10,378	18,538
Carbon	675	107	782	1	2	—	3	400	10,869	11,269
Castor	20,200	—	20,200	14	69	—	83	88,243	370,321	458,564
Champion	—	—	—	—	—	—	—	—	—	—
Drumheller	8,050	5,778	13,828	8	35	41	84	84,526	285,771	370,297
Edmonton	3,548	6,422	9,970	13	7	27	47	40,950	146,539	187,489
Pembina	23,276	—	23,276	14	84	—	98	119,346	507,319	626,665
Redcliff	—	—	—	—	—	—	—	—	—	—
Sheerness	4,179	—	4,179	6	11	—	17	7,268	89,304	96,572
Taber	727	—	727	1	2	—	3	3,000	8,697	11,697
Tofield	695	—	695	1	2	—	3	3,750	8,045	11,795
Westlock	1,242	—	1,242	2	3	—	5	4,800	13,500	18,300
Wetaskiwin	—	—	—	—	—	—	—	—	—	—
Totals, sub-bituminous	65,517	12,307	77,824	64	224	68	356	374,617	1,488,290	1,862,907
Totals, Alberta	146,014	103,987	250,001	154	484	434	1,072	1,005,157	5,263,475	6,268,632

TABLE 70. Employment at Coal Mines in Alberta, by Classes, 1968 with Comparative Totals for 1967

Classification	Average number of employees		Man-days worked		Average number of man-days worked/year	
	Surface	Under-ground	Surface	Under-ground	Surface	Under-ground
Underground mining						
Salaried employees:						
Supervision (management, professional, technical)	23	48	6,387	11,833	278	247
Clerical	36	...	8,555	...	238	...
Total salaried employees	59	48	14,942	11,833	253	247
Wage-earners	270	434	68,364	92,154	253	212
Strip mining						
(Includes employees of contractors)						
Salaried employees:						
Supervision (management, professional, technical)	38	...	9,133	...	240	...
Clerical	9	...	2,044	...	227	...
Total salaried employees	47	...	11,177	...	238	...
Wage-earners	214	...	51,531	...	241	...
Total employment						
Total salaried employees	106	48	26,119	11,833	246	247
Total wage-earners	484	434	119,895	92,154	248	212
Totals for 1968	590	482	146,014	103,987	247	216
Totals for 1967	621	505	154,166	110,734	248	219

SECTION XI
BRITISH COLUMBIA

TABLE 71. Production of Coal from British Columbia Mines,¹ 1959-68

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1959	684,298	5,237,724	1964	905,374	6,266,442
1960	782,108	5,584,017	1965	815,240	5,801,817
1961	878,649	6,453,373	1966	866,225	6,437,459
1962	821,178	6,056,263	1967	960,648	6,600,946 ²
1963	828,030	6,128,805	1968	889,264 ³	5,242,174 ³

¹ Production figures have been reduced each year by the amount of coal put on waste heap. This table does not agree with Tables 72, 73 and 74.

² The 1967 and 1968 value of coal excludes subvention payments.

³ The 1968 production was reduced by 14,025 tons. This represents the amount of the 1968 production which was put on waste heap. The remaining 26,070 tons was coal produced in previous years and was lifted and put on waste heap in 1968.

TABLE 72. Production of Coal by Districts in British Columbia, 1966-68

District	1966	1967	1968
	short tons		
Crow's Nest Pass district	1,058,679	1,191,150	889,524 ¹
Interior district	12,162	16,162	13,672
Island district	16,790	374	93
Totals, British Columbia	1,087,631²	1,207,686²	903,289^{1,2}

¹ Does not include 6,547 tons produced by Coleman Polleries Ltd., this tonnage included with Alberta Statistics.

² The 1968 production is not comparable with 1966 and 1967 because the amount reported as put on waste heap (and hence included with production) was small in 1968 relative to the two previous years. See Table 71 for comparable historical data.

TABLE 73. Disposition of Coal from British Columbia Mines, by Sizes and Destinations, 1968

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
	short tons						
British Columbia:							
Shipments to industrial consumers	—	118	32	43,893	37	4,446	48,526
Shipments to dealers for re-sale	425	1,815	957	22,698	46	30	25,971
Sales direct to domestic consumers	1,948	414	86	187	—	26	2,661
To employees	2,990	—	—	—	—	—	2,990
Used in making coke at colliery	—	—	—	—	—	235,582	235,582
For colliery boilers, railroads, etc.	—	—	—	—	—	15,353	15,353
Put on bank .....	...	...	...	...	...	...	85,293
Put on waste heap .....	...	...	...	...	...	...	40,095
British Columbia total	5,363	2,347	1,075	66,778	83	255,437	456,471
Railways in Canada for own consumption	101	92	—	95	29	740	1,057
Ontario	—	—	—	8,467	—	34,302	42,769
Manitoba	—	142	—	12,710	62	114,373	127,287
Saskatchewan	—	—	—	—	94	—	94
Alberta	5	10	—	—	146	—	161
United States	—	—	—	661	—	—	661
Japan	—	—	—	—	—	449,845	449,845
Total disposition	5,469	2,591	1,075	88,711	414	854,697	1,078,345
Inventory adjustment (plus or minus) .....	...	...	...	...	...	...	- 13,748
Less: Lifted from bank .....	...	...	...	...	...	...	161,008
Lifted from waste heap .....	...	...	...	...	...	...	300
Total British Columbia production	5,469	2,591	1,075	88,711	414	854,697	903,289

TABLE 74. Summary of Coal Statistics for British Columbia in 1968 — Production, Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds

Month	Canadian coal				Imported ¹ from U.S.A.
	Production	Received from other provinces	Mine shipments		
			To other provinces	For export	
short tons					
January:					
Anthracite	—	—	—	—	—
Bituminous	65,628	5,964	29,439	51,684	—
Sub-bituminous	—	8,037	—	—	—
Totals	65,628	14,001	29,439	51,684	—
February:					
Anthracite	—	—	—	—	—
Bituminous	78,838	7,841	18,386	9,183	—
Sub-bituminous	—	5,657	—	—	—
Totals	78,838	13,498	18,386	9,183	—
March:					
Anthracite	—	—	—	—	—
Bituminous	74,621	7,620	19,029	47,093	—
Sub-bituminous	—	2,900	—	—	—
Totals	74,621	10,520	19,029	47,093	—
April:					
Anthracite	—	—	—	—	—
Bituminous	80,199	10,907	12,676	31,378	—
Sub-bituminous	—	3,967	—	—	—
Totals	80,199	14,874	12,676	31,378	—
May:					
Anthracite	—	—	—	—	—
Bituminous	98,554	8,386	8,507	53,813	20
Sub-bituminous	—	1,628	—	—	—
Totals	98,554	10,014	8,507	53,813	20
June:					
Anthracite	—	—	—	—	83
Bituminous	93,854	4,801	9,383	25,119	—
Sub-bituminous	—	1,173	—	—	—
Totals	93,854	5,974	9,383	25,119	83
July:					
Anthracite	—	—	—	—	—
Bituminous	42,078	5,170	13,097	45,725	—
Sub-bituminous	—	257	—	—	—
Totals	42,078	5,427	13,097	45,725	—

¹ Briquettes are not included.

TABLE 74. Summary of Coal Statistics for British Columbia in 1968 — Production, Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds — Concluded

Month	Canadian coal				Imported ¹ from U.S.A.
	Production	Received from other provinces	Mine shipment		
			To other provinces	For export	
	short tons				
August:					
Anthracite	—	—	—	—	—
Bituminous	89,585	1,724	11,497	49,668	—
Sub-bituminous	—	2,018	—	—	—
Totals	89,585	3,742	11,497	49,668	—
September:					
Anthracite	—	—	—	—	—
Bituminous	65,051	5,606	10,201	23,300	—
Sub-bituminous	—	5,897	—	—	—
Totals	65,051	11,503	10,201	23,300	—
October:					
Anthracite	—	—	—	—	—
Bituminous	75,524	10,690	7,466	45,419	—
Sub-bituminous	—	9,158	—	—	—
Totals	75,524	19,848	7,466	45,419	—
November:					
Anthracite	—	—	—	—	—
Bituminous	70,631	8,407	15,717	20,366	—
Sub-bituminous	—	6,733	—	—	—
Totals	70,631	15,140	15,717	20,366	—
December:					
Anthracite	—	—	—	—	—
Bituminous	68,726	10,189	14,913	47,758	—
Sub-bituminous	—	7,815	—	—	—
Totals	68,726	18,004	14,913	47,758	—
Totals:					
Anthracite	—	—	—	—	83
Bituminous	903,289	87,305	170,311	450,506	20
Sub-bituminous	—	55,240	—	—	—
Totals	903,289	142,545	170,311	450,506	103

¹ Briquettes are not included.

TABLE 75. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in British Columbia, 1967 and 1968

Kind	Sales		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous	9,649	5,694	785	794
Sub-bituminous	49,341	34,101	1,905	1,655
Lignite	—	1,186	—	73
Briquettes	1,162	957	190	94
Total Canadian coals	60,152	41,938	2,880	2,616
Foreign coals:				
Anthracite	20	85	25	34
Bituminous	770	390	65	60
Total foreign coals	790	475	90	94
Total all coals	60,942	42,413	2,970	2,710
Coke (from coal):				
Canadian made	94	30	—	—
Total coal and coke	61,036	42,443	2,970	2,710

¹ Does not include firms selling less than 1,000 tons of coal per annum.

TABLE 76. Consumption and Stocks of Coal and Coke, by Industrial Consumers¹ in British Columbia, 1967 and 1968

Kind	Consumption		Stocks	
	1967	1968	December 31, 1967	December 31, 1968
	short tons			
Canadian coals:				
Bituminous:				
(a) Slack	132,335	114,876	8,093	9,449
(b) Stoker and other sizes	—	—	—	—
Total Canadian bituminous	132,335	114,876	8,093	9,449
Coke:				
Canadian made	102,949	96,414	1,675	7,684
Foreign made	1,188	3,149	—	100
Petroleum coke	209,744	212,532	35,868	26,660
Total coke	313,881	312,095	37,543	34,444
Total coal and coke²	446,216	426,971	45,636	43,893

¹ Does not include firms using less than 1,000 tons of coal per annum.

² No consumption or stocks of foreign coal in 1967 or 1968.

TABLE 77. Employees, Salaries and Wages and Number of Man-days Worked, in the Coal Mines of British Columbia, by Districts, 1967 and 1968

District	Number of man-days worked			Average number of employees			Salaries and wages			
	Surface	Under-ground	Total	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
					Surface	Under-ground				
										dollars
1967										
Crow's Nest Pass	59,683	55,626	115,309	92	201	214	507	496,103	1,970,687	2,466,790
Interior	1,408	—	1,408	1	5	—	6	7,900	34,138	42,038
Island	—	275	275	1	—	—	1	2,085	—	2,085
British Columbia	61,091	55,901	116,992	94	206	214	514	506,088	2,004,825	2,510,913
1968										
Crow's Nest Pass	73,110	45,661	118,771	93	236	162	491	479,618	2,453,036	2,932,654
Interior	1,405	—	1,405	2	4	—	6	7,804	25,000	32,804
Island	—	68	68	1	—	—	1	—	—	—
British Columbia	74,515	45,729	120,244	96	240	162	498	487,422	2,478,036	2,965,458

TABLE 78. Employment at Coal Mines in British Columbia, by Classes, 1968 with Comparative Totals for 1967

Classification	Average number of employees		Man-days worked		Average number of man-days worked/year	
	Surface	Under-ground	Surface	Under-ground	Surface	Under-ground
Underground mining						
Salaried employees:						
Supervision (management, professional, technical).....	37	28	9,305	7,148	251	255
Clerical	26	...	6,910	...	266	...
Total salaried employees	63	28	16,215	7,148	257	255
Wage-earners	162	162	38,602	38,581	238	238
Strip mining						
(Includes employees of contractors)						
Salaried employees:						
Supervision (management, professional, technical).....	5	...	1,240	...	248	...
Clerical	—	...	—	...	—	...
Total salaried employees	5	...	1,240	...	248	...
Wage-earners	78	...	18,458	...	237	...
Total employment						
Total salaried employees	68	28	17,455	7,148	257	255
Total wage-earners.....	240	162	57,060	38,581	238	238
Totals for 1968	308	190	74,515	45,729	242	241
Totals for 1967	266	248	61,091	55,901	230	245

SECTION XII

YUKON

TABLE 79. Production of Coal from Yukon Mines, 1959-68

Calendar year	Short tons	Value at mines	Calendar year		Value at mines
		\$			\$
1959	3,879	58,200	1964	7,219 ¹	98,150
1960	6,470	97,156	1965	8,801	85,626
1961	7,703	114,221	1966	5,273 ¹	46,390
1962	7,649	115,198	1967	1,912	15,791
1963	8,231	123,675	1968		—

¹ Production figures have been reduced for 1964 and 1966 by the amount of coal put on waste heap; all other years had no coal put on waste heap.

² No coal mine operations in 1968.

APPENDIX

TABLE 80. Subvention Payments¹ to Coal Operators and Others by Provinces, 1967 and 1968

Province and kind of coal	Subvention payments					
	1967			1968		
	Coal operators	Other	Total	Coal operators	Other	Total
	dollars					
Nova Scotia:						
Bituminous	29,480,744	102,581	29,583,325	6,097,217	33,357	6,130,574
New Brunswick:						
Bituminous	2,420,594	734	2,421,328	2,818,673	—	2,818,673
Saskatchewan:						
Lignite	—	186,132	186,132	—	132,960	132,960
Alberta:						
Bituminous	1,881,760	77,894	1,959,654	2,229,710	59,163	2,288,873
Sub-bituminous	—	9,921	9,921	—	8,444	8,444
Totals	1,881,760	87,815	1,969,575	2,229,710	67,607	2,297,317
British Columbia:						
Bituminous	1,395,470	166,702	1,562,172	1,221,968	209,404	1,431,372
Yukon:						
Bituminous	—	—	—	—	—	—
Canada:						
Bituminous	35,178,568	347,911	35,526,479	12,367,568	301,924	12,669,492
Sub-bituminous	—	9,921	9,921	—	8,444	8,444
Lignite	—	186,132	186,132	—	132,960	132,960
Totals	35,178,568	543,964	35,722,532	12,367,568	443,328	12,810,896

¹ Subvention payments are excluded from value of coal for year 1967 and 1968. See provincial data tables.

TABLE 81. Fuel and Electricity Used in the Coal Mining Industry in Canada, by Kinds and by Provinces, 1968

	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Coke	ton	81	1,908	—	—	—
Gasoline	Imp. gal.	35,511	10,154	199,410	78,432	51,177
Fuel oil including diesel and kerosene	"	414,199	70,999	682,025	125,254	191,061
Liquefied petroleum gases	"	—	—	353	162	—
Natural gas	M cu. ft.	—	—	—	—	1,900
Electricity purchased	kwh.	115,088,610	1,583,801	20,298,647	386,845	8,640,600
Wood (cords of 128 cubic feet of piled wood)	cord	—	—	—	—	—
Total value		...	1,666,862	...	590,693	180,608
	Alberta		British Columbia		Canada ¹	
Coke	ton	—	—	—	81	1,908
Gasoline	Imp. gal.	575,524	180,393	10,444	3,464	872,066
Fuel oil including diesel and kerosene	"	812,051	139,859	11,038	2,664	2,110,374
Liquefied petroleum gases	"	117,243	12,195	—	—	117,596
Natural gas	M cu. ft.	—	—	—	—	1,900
Electricity purchased	kwh.	29,370,700	352,302	28,146,338	238,121	201,544,895
Wood (cords of 128 cubic feet of piled wood)	cord	—	—	—	—	—
Total value		...	684,749	...	244,249	3,367,161

¹ Yukon did not operate in 1968.

TABLE 82. World Production of Bituminous Coal, Anthracite and Lignite, 1963-67

Country	1963	1964	1965	1966	1967 ¹
	thousand short tons				
North America:					
Canada:					
Bituminous	8,702	9,325	9,525	9,313	9,387
Lignite	1,874	1,994	2,064	2,078	2,008
Greenland: Bituminous	44	26	22	37	35
Mexico: Bituminous	2,283	2,357 ²	2,211	2,316	2,380
United States:					
Anthracite (Pennsylvania)	18,267	17,184	14,866	12,941	12,256
Bituminous	456,223	484,048	509,045	530,000 ²	546,590
Lignite	2,705	2,950	3,043	3,881	4,410
Totals	490,098	517,884²	540,776	560,566²	577,066
South America:³					
Argentina: Bituminous (mined)	276 ²	467 ²	596 ²	666 ²	440 ⁴
Brazil: Bituminous (including lignite)	2,834	3,578	3,729 ²	4,041	4,781
Chile: Bituminous (mined)	1,895	1,972	1,904	1,821 ²	1,649
Columbia: Bituminous	3,527	3,307	3,417	3,307 ²	3,420 ⁴
Peru: Bituminous and anthracite	144	162	142	171 ²	193
Venezuela: Bituminous	46	42	34	37	37
Totals	8,722²	9,528²	9,822²	10,043²	10,520
Europe:					
Albania: Lignite	278	322	330 ⁴	340 ⁴	380 ⁴
Austria:					
Bituminous	115	114	65	22	15
Lignite	6,672	6,350	6,008	5,824	5,078
Belgium: Bituminous and anthracite	23,607 ²	23,485	21,810	19,289	18,112
Bulgaria:					
Bituminous and anthracite	725	671 ²	608	540	515 ⁵
Lignite	22,349	26,181	26,996	27,143	31,750 ⁴
Czechoslovakia:					
Bituminous	31,191	31,211	30,568	29,463 ²	28,440 ⁴
Lignite	80,803	83,340	80,707	81,690 ²	71,650
Denmark: Lignite	2,769	2,420	2,346	2,185 ²	2,090 ⁴
France:					
Bituminous and anthracite	52,649	58,469	56,601	55,488	52,498
Lignite	2,724	2,474	2,965	2,826	3,230
Germany:					
Bituminous and anthracite:					
East	2,737	2,579	2,438	2,190 ²	1,980 ⁴
West (including Saar)	156,656	156,750	148,897	138,858 ²	123,506
Lignite:					
East	280,228	283,212	276,499 ²	274,515 ²	275,580 ⁴
West	117,572	122,333	112,333	108,123 ²	106,666
Pech coal: West	2,209	2,060	1,913	1,280	981
Greece: Lignite	3,887 ²	4,254 ²	5,600 ²	5,500 ^{2,4}	5,500 ⁴
Hungary:					
Bituminous	4,090	4,547	4,808	4,806	4,468
Lignite	29,508	30,229	29,845	28,647	25,327
Ireland: Bituminous and anthracite	257	255	204	193	201
Italy:					
Bituminous and anthracite	645	519	429	461	452
Lignite	1,505 ²	1,326	1,114 ²	1,175	2,426
Netherlands:					
Bituminous and anthracite	12,686	12,655	12,617	10,080	8,890
Poland:					
Bituminous	124,726	129,360	130,989	134,459	136,576
Lignite	16,914	22,355	24,941	27,015	26,350 ⁴
Portugal:					
Anthracite	459	489	472	472 ²	488
Lignite	157	111	99	56	43
Rumania:					
Bituminous and anthracite (includes low-grade bituminous)	6,234	6,495	6,654	6,956 ²	7,275
Lignite	5,084	5,766	6,679	7,872	8,422
Spain:					
Bituminous and anthracite	14,229	13,444	14,267 ²	14,106	13,608
Lignite	2,856	2,870	3,057 ²	2,901	2,961

See footnotes(s) at end of table.

TABLE 82. World Production of Bituminous Coal, Anthracite and Lignite, 1963-67 - Concluded

Country	1963	1964	1965	1966	1967 ¹
	thousand short tons				
Europe - Concluded:					
Svalbard (Spitzbergen): Bituminous:					
Controlled by Norway	421	487	470	478 ²	450
Controlled by U.S.S.R. (shipments)	408	422 ²	440 ² ⁴	440 ⁴	440 ⁴
Sweden: Bituminous	109	93	65	44 ²	22 ⁴
Switzerland: Bituminous and anthracite (including lignite) ⁶	11	-	-	-	-
U.S.S.R. ³ :					
Bituminous and anthracite	435,555	450,701	471,658	484,095 ²	490,000 ⁴
Lignite	150,565	159,975	165,181	161,418 ²	166,000 ⁴
United Kingdom: Bituminous and anthracite	219,291	216,863	209,999	195,522 ²	192,824
Yugoslavia:					
Bituminous	1,418	1,391	1,289	1,268	992
Lignite	28,810	31,139	31,733	31,040	28,173
Totals⁴	1,843,109²	1,897,678²	1,893,694²	1,868,780²	1,844,360
Asia:					
Afghanistan: Bituminous ⁶	108	125	146 ²	155	160 ⁴
Burma: Bituminous	3	111	11	17 ^{2,4}	17 ⁴
China Mainland: Bituminous, anthracite, and lignite ⁶	300,000	320,000	330,000	360,000	250,000
India:					
Bituminous	72,704	68,828	76,611	77,753	77,714
Lignite	1,101	1,730	2,535	2,831	3,198
Indonesia: Bituminous	651 ²	492	430	353	229
Iran: Bituminous ⁶	213	302	303 ²	330 ⁴	330 ⁴
Japan:					
Bituminous and anthracite	57,377	56,140	54,602	56,601	51,859
Lignite	1,008	762	632	498	403
Korea:					
North: Anthracite, bituminous, and lignite	15,476	15,983	19,620 ^{2,4}	21,500 ⁴	23,590 ⁴
South: Anthracite	9,765	10,606	11,296	12,801	13,708
Mongolia, Outer: Lignite and bituminous	931	780	1,091	1,107 ²	1,170 ⁴
Pakistan: Bituminous and lignite	1,348 ²	1,338	1,621 ²	1,497 ²	1,500 ⁴
Philippines: Bituminous	173	127	105	83 ²	72
Taiwan: Bituminous	5,302	5,542	5,571	5,528	5,598
Thailand: Lignite	151	115	138	188	369
Turkey (Salable):					
Bituminous	4,570 ²	4,903 ²	4,851 ²	5,394 ²	5,546
Lignite	3,568 ²	4,267 ²	4,592 ²	5,262 ²	5,200 ⁴
Viet-Nam:					
North: Anthracite	3,689 ²	3,748 ²	3,900 ⁴	3,900 ³	3,100 ⁴
South: Anthracite	115	85	--	--	--
Totals⁵	478,253³	495,884²	518,055²	555,798²	443,763
Africa:					
Algeria: Bituminous and anthracite	42	51	50	55 ⁴	55 ⁴
Angola	7	--	--	12	--
Congo, Republic of the (Kinshasa): Bituminous	101	110	126	121	147
Malagasy, Republic of: Bituminous	2	4	2	--	2
Morocco: Anthracite	445	441	462	497	531
Mozambique: Bituminous	312	270	262	325 ²	311
Nigeria: Bituminous	636	771	816	705	220 ⁴
Rhodesia, Southern: Bituminous	3,020	3,355	3,866	3,350 ⁴	3,019
South Africa, Republic of:					
Bituminous and anthracite (marketable)	46,797 ²	49,513	53,418	52,847	54,344
Swaziland: Anthracite and bituminous	--	4	33	74	86
Tanzania: Bituminous	2	1	2	2	2
United Arab Republic (Egypt): Bituminous	--	--	22	22 ⁴	--
Zambia: Bituminous	--	--	--	126	433
Totals	51,364⁴	54,520	59,061	58,136²	59,150
Oceania:					
Australia:					
Bituminous	27,839	30,689	35,204	37,334 ²	38,875
Lignite	20,672	21,319	23,137 ²	24,400	26,193
New Zealand:					
Bituminous and anthracite	2,890	3,047	2,801	2,721	2,467
Lignite	181	175	176	185	186
Totals	51,582	55,230	61,318²	64,640	67,721
Lignite (total of items shown above) (estimate)	783,941 ²	819,930 ²	812,750 ²	807,593 ²	803,590
Bituminous and anthracite (by subtraction)	2,138,989 ²	2,210,794 ²	2,269,976 ²	2,311,359	2,198,991
World totals, all grades (estimate)	2,922,930²	3,030,724²	3,082,726²	3,118,952²	3,002,581

¹ Preliminary.² Revised.³ Ecuador produces a negligible amount of coal.⁴ Estimate.⁵ Output from U.S.S.R. in Asia (including Sakhalin) included with U.S.R. in Europe.⁶ Year ended March 20 of year following that stated.

Source: Division of Foreign Activities, Minerals Yearbook 1967. World Production of Coal for 1968 not available for publication.

TABLE 83. Supply and Demand of Coal for Years 1958-68

No.		1958	1959	1960	1961
		short tons			
	Supply				
	Domestic production:				
1	Bituminous	7,748,289	6,945,459	7,299,764	6,827,253
2	Sub-bituminous	1,685,645	1,733,883	1,540,577	1,361,600
3	Lignite	2,253,176	1,947,380	2,170,797	2,208,851
4	Totals	11,687,110	10,626,722	11,011,138	10,397,704
	Imports:				
5	Anthracite	1,494,702	1,456,366	1,199,809	985,217
6	Bituminous	11,831,203	12,147,655	11,090,245	11,147,232
7	Totals	13,325,905	13,604,021	12,290,054	12,132,449
8	Total inventory change ¹	- 1,631,013	- 1,066,993	- 267,102	- 265,166
9	Total coal available	26,644,028	25,297,736	23,568,294	22,795,319
	Demand				
	Industrial consumption:				
10	Electric utilities	1,654,936	1,419,122	1,846,149	2,253,398
11	Mining	352,612	355,095	310,579	236,215
12	Manufacturing	9,262,639	8,439,373	7,953,217	7,452,013
13	Totals	11,270,187	10,213,590	10,109,945	9,941,626
14	Retail sales	5,908,868	5,611,251	4,615,323	4,006,790
15	Railways for own consumption	2,032,979	1,197,406	655,418	476,752
16	Ships' bunkers for own consumption	383,241	306,516	306,494	252,111
17	Government and institutional consumption	253,000	295,000	307,000	320,000
18	Totals	8,578,088	7,410,173	5,884,235	5,075,643
	Coal mine disposition:				
19	Used in colliery boilers, shops, railway	160,246	124,249	102,219	66,589
20	Sold to employees	145,472	141,899	122,230	125,329
21	Sold direct to domestic consumers (less employees)	688,562	709,369	635,740	697,554
22	Total disposition mines	994,280	975,517	860,189	889,472
	Exports:				
23	United Kingdom	-	-	6,632	-
24	United States	321,744	273,912	241,892	249,504
25	Japan	5,240	190,722	604,397	685,263
26	St. Pierre	11,393	9,134	-	4,569
27	Other	167	-	-	-
28	Totals	338,544	473,768	852,921	939,336
29	Coal used for manufacture of coke ²	4,788,958	5,654,781	5,288,217	5,330,542
30	Loss	60,754	112,751	234,781	62,411
31	Total reported disposition	26,030,811	24,840,580	23,230,288	22,239,030
32	Unaccounted for	613,217	457,156	338,006	556,289
33	Total demand	26,644,028	25,297,736	23,568,294	22,795,319

¹ Includes docks.² Total as reported by industrial consumers.

TABLE 83. Supply and Demand of Coal for Years 1958 - 68

1958	1963	1964	1965	1966	1967	1968	No.
short tons							
6,531,292	7,047,845	7,220,372	6,969,931	6,725,719	6,723,884	5,781,424	1
1,497,171	1,654,293	2,104,912	2,554,752	2,587,685	2,663,723	2,976,634	2
2,256,306	1,873,556	1,994,039	2,063,933	2,078,165	2,008,147	2,250,219	3
10,284,769	10,575,694	11,319,323	11,588,616	11,391,569	11,395,754	11,008,277	4
851,668	807,375	626,979	623,510	582,308	551,023	469,447	5
11,469,709	13,933,073	14,111,563	15,646,223	15,748,406	15,261,425	16,853,521	6
12,321,377	14,740,448	14,738,542	16,269,733	16,330,714	15,812,448	17,322,968	7
- 775,148	+ 363,672	- 65,008	+ 708,298	+ 991,698	+ 629,099	- 452,819	8
23,381,294	24,952,470	26,122,873	27,150,051	26,730,565	26,579,103	28,784,064	9
3,725,005	5,150,179	6,264,520	7,721,714	7,878,780	9,113,373	11,098,800	10
195,803	186,739	179,355	153,091	141,539	136,422	..	11
6,778,062	6,898,975	7,228,518	7,435,269	6,996,985	6,388,307	..	12
10,698,870	12,235,893	13,672,393^f	15,310,074^f	15,017,304^f	15,638,102^f	17,071,069²	13
3,540,615	3,087,777	2,627,714	2,062,186	1,733,732 ^f	1,349,261	1,062,570	14
386,834	324,513	283,418	223,000	211,801	162,537	132,042	15
246,524	261,369	317,780	343,119	410,222	334,396	179,768	16
279,000	231,000	203,000	183,000	169,000	176,000	173,000	17
4,452,973	3,904,659	3,431,912	2,811,305	2,524,755^f	2,022,194	1,547,380	18
47,262	52,257	53,222	50,289	46,314	38,653	35,253	19
124,038	117,189	119,214	118,147	102,176	99,079	87,794	20
654,480	615,187	618,003	633,375	518,610	459,451	382,863	21
825,780	784,633	790,439	801,811	667,100	597,183	505,910	22
50	-	-	-	58	-	-	23
250,328	274,759	303,028	198,020	167,148	169,361	172,043	24
639,040	772,470	984,846	1,023,134	1,059,502	1,167,055	1,273,222	25
4,501	7,138	3,790	4,825	2,097	1,929	1,588	26
-	-	-	15	15	8	159	27
893,919	1,054,367	1,291,664	1,225,994	1,228,820	1,338,353	1,447,012	28
5,452,320	5,842,253	6,023,035	6,058,470	6,044,289	5,987,575	7,522,715	29
68,738	123,743	100,012	88,574	211,696	254,420	45,340	30
22,392,600	23,945,548	25,309,455 ^f	26,296,228 ^f	25,693,964 ^f	25,837,827 ^f	28,139,426	31
988,694	1,006,922	813,418 ^f	853,823 ^f	1,036,621 ^f	741,276 ^f	644,638	32
23,381,294	24,952,470	26,122,873	27,150,051	26,730,565	26,579,103	28,784,064	33

³ Charged toovens plus incidental coke plant consumption.

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