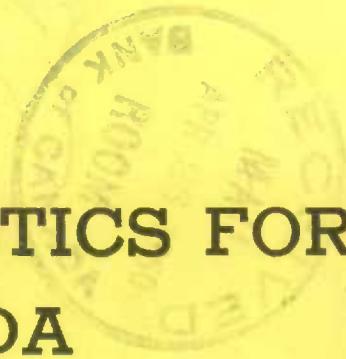


26-206
C.3



COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEARS
1947 AND 1948



DOMINION BUREAU OF STATISTICS
DEPARTMENT OF TRADE AND COMMERCE
CANADA

Price, 50 cents

CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL SECTION

Coal Statistics for Canada

For the Calendar Years
1947 and 1948

Published by Authority of the Rt. Hon. C. D. Howe,
MINISTER OF TRADE AND COMMERCE

OTTAWA
EDMOND CLOUTIER, C.M.G., B.A., L.Ph.,
KING'S PRINTER AND CONTROLLER OF STATIONERY
1950

PREFACE

This publication brings up-to-date the series of annual printed reports giving detailed statistics on the production and distribution of coal and coke in Canada, also data on imports, exports, retail sales, employment in coal mines, etc. Much of this information has been released already in the monthly rotaprint bulletins as described on the next following page but the present report arranges it in more convenient and more permanent form.

Canadian coal mines operated at a high rate of production in 1948 when output totalled 18,449,689 tons valued at \$106,684,008 f.o.b. mines. This value was the greatest ever realized by the coal mine operators and the tonnage was higher than in any other year except 1942 when 18,865,030 tons were raised. The industry employed an average of 24,319 persons in 1948. For all Canada the average output of coal per man-day was 3.351 tons.

Beginning with 1945, the Bureau adopted the A.S.T.M. classification of coal, an explanation of which is given in the text of Chapter 1. Tables in the report showing figures for past years have been adjusted to agree with the new classification.

The thanks of the Bureau are tendered to the coal operators, who through the agency of their respective Provincial Governments have furnished the data from which the present report has been compiled. The Bureau gratefully acknowledges its indebtedness to the governments of the coal-producing provinces for co-operation in this connection, and to the officials of the Dominion Coal Board, for their assistance.

All quantities are expressed in tons of 2,000 pounds. Output values are f.o.b. mines.

This report has been prepared under the direction of Mr. H. McLeod, Chief, Mining, Metallurgical and Chemical Section, by Mr. G. Thomas, in charge of the coal section.

HERBERT MARSHALL,
Dominion Statistician.

DOMINION BUREAU OF STATISTICS,

Ottawa.

September 28, 1949.

STATISTICS ON COAL AS COMPILED IN THE DOMINION BUREAU OF STATISTICS

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

(1) COAL MINE STATISTICS

The Mining, Metallurgical and Chemical Section of the Bureau obtains a monthly statement from each coal mine in Canada, showing the output and distribution of coal by grades. The distribution statistics differentiate the amounts (a) supplied to colliery employees, (b) used for power, (c) supplied to railroads, (d) supplied for ships' bunkers, (e) put on bank, and (f) shipped for commercial consumption. 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 capital, expenses, equipment, power and other statistics of a general character is obtained from each mine.

(2) IMPORTS AND EXPORTS

The coal import data shown in the Trade Reports include only the tonnages entered for consumption, or in other words, the quantity cleared from customs. The import data as recorded in *this* report, unless otherwise indicated, include the total quantity of coal reaching Canadian custom's ports whether or not it is cleared from customs. There is no appreciable difference between the two sets of figures for anthracite coal importations. Anthracite coal enters Canada duty free under the British Preferential Tariff, but under the Intermediate and General Tariffs it is subject to a customs duty of 50 cents per ton. In addition to the customs duty, there is payable, under the General Tariff, a special excise tax of 3 per cent on the duty paid value, and, under the Intermediate and General Tariffs, the war exchange tax of 10 per cent on the value for duty. This latter tax of 10 per cent applies only to importations made on and after the 25th June, 1940. The bituminous coal data shows considerable difference, due to the fact that the customs duty on imported bituminous coal is 35 cents per ton under the British Preferential Tariff (up to and including December 1, 1940) and free on and after December 2, 1940 from the United Kingdom, and 75 cents per ton under the Intermediate and General Tariffs, plus the taxes referred to above, which results in large quantities of this coal, imported for industrial use, remaining 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. A record of the exports of Canadian coal by ports of exit is also maintained.

(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 on the 15th of each month.
- (2) Final monthly report on coal and coke production, imports, exports, retail sales, industrial consumption, etc., issued about five weeks after the month to which it refers.
- (3) Annual printed report on Coal Statistics for Canada with final figures on production, imports, exports, employment, earnings, etc.
- (4) Annual rotaprint report on the Coke and Gas Industry in Canada.

TABLE OF CONTENTS

	PAGE		PAGE
PREFACE	3	CHAPTER SIX—Ontario	63
GENERAL NOTE ON COAL STATISTICS	4	Consumption.....	89 63
TABLE OF CONTENTS	5	Exports.....	90 64
CHAPTER ONE—Dominion Review	7	Imports.....	91 65
Classification of coals.....	7	Retail sales and stocks.....	Tables 92-93 65
Output.....	Tables 1-6 10	Industrial consumption.....	Table 94 66
Disposition.....	Tables 7-10 12	Summary Statistics.....	Tables 95-96 67
Shipments.....	Tables 11-12 14		
Output and man days.....	Tables 13-14 15		
Exports.....	Tables 15-17 16		
Sizes of Coal.....	Table 18 17		
Imports.....	Tables 19-22 19		
Consumption.....	Tables 23-27 22		
Retail Sales and Stocks.....	Tables 28-29 27		
Industrial Consumption.....	Table 30 27		
Railway Consumption.....	Tables 31-32 28		
Briquettes.....	Tables 33-34 29		
Calorific Values.....	Table 35 29		
Coal Balance.....	Table 36 30		
Employment.....	Tables 37-41 31		
Output per man-day.....	Tables 42-43 35		
CHAPTER TWO—Prince Edward Island	36		
Imports.....	Table 44 36		
Summary Statistics, 1947-8.....	Tables 45-46 37		
Retail sales and stocks.....	Tables 47-48 39		
CHAPTER THREE—Nova Scotia	40		
Output.....	Tables 49-51 40		
Disposition.....	Table 52 42		
Tonnage Put on Bank.....	Table 53 42		
Shipments.....	Table 54 43		
Exports.....	Table 55 44		
Imports.....	Table 56 44		
Summary Statistics, 1947-8.....	Tables 57-58 45		
Retail sales and stocks.....	Tables 59-60 47		
Industrial consumption.....	Table 61 47		
Employment.....	Tables 62-65 48		
CHAPTER FOUR—New Brunswick	50		
Output.....	Tables 66-68 50		
Disposition.....	Table 69 51		
Shipments.....	Table 70 51		
Exports.....	Table 71 52		
Imports.....	Table 72 52		
Summary Statistics, 1947-8.....	Tables 73-74 53		
Retail sales and stocks.....	Tables 75-76 55		
Industrial consumption.....	Table 77 55		
Employment.....	Tables 78-80 56		
CHAPTER FIVE—Quebec	58		
Consumption.....	Table 81 58		
Exports.....	Table 82 58		
Imports.....	Table 83 59		
Retail sales and stocks.....	Tables 84-85 59		
Industrial consumption.....	Table 86 60		
Summary Statistics.....	Tables 87-88 61		
CHAPTER SIX—Ontario	63		
Consumption.....	Table 89 63		
Exports.....	Table 90 64		
Imports.....	Table 91 65		
Retail sales and stocks.....	Tables 92-93 65		
Industrial consumption.....	Table 94 66		
Summary Statistics.....	Tables 95-96 67		
CHAPTER SEVEN—Manitoba	70		
Exports.....	Table 97 70		
Imports.....	Table 98 70		
Retail sales and stocks.....	Tables 99-100 70		
Industrial consumption.....	Table 101 71		
Summary Statistics.....	Tables 102-103 71		
CHAPTER EIGHT—Saskatchewan	75		
Output.....	Tables 104-106 75		
Disposition.....	Table 107 76		
Shipments.....	Table 108 76		
Exports.....	Table 109 77		
Imports.....	Table 110 77		
Retail sales and stocks.....	Tables 111-112 77		
Industrial consumption.....	Table 113 77		
Summary Statistics, 1947-8.....	Tables 114-115 78		
Employees.....	Tables 116-118 80		
CHAPTER NINE—Alberta	82		
Output.....	Tables 119-122 82		
Disposition.....	Tables 123-125 87		
Shipments.....	Tables 126-128 88		
Exports.....	Table 129 90		
Imports.....	Table 130 90		
Retail sales and stocks.....	Tables 131-132 90		
Industrial consumption.....	Table 133 90		
Summary Statistics, 1947-48.....	Tables 134-135 91		
Employees.....	Tables 136-139 93		
CHAPTER TEN—British Columbia	96		
Output.....	Tables 140-142 96		
Disposition.....	Table 143 97		
Shipments.....	Table 144 97		
Exports.....	Table 145 98		
Imports.....	Table 146 98		
Retail sales and stocks.....	Tables 147-148 98		
Industrial consumption.....	Table 149 99		
Summary Statistics, 1947-8.....	Tables 150-151 100		
Employees.....	Tables 152-155 102		
CHAPTER ELEVEN—Yukon	104		
Output.....	Table 156 104		
Imports.....	Table 157 104		
Summary Statistics, 1947-8.....	Table 158 104		
Output.....	Table 159 105		
Disposition.....	Table 160 105		
Shipments.....	Table 161 105		
Employees.....	Tables 162-164 106		
APPENDIX ONE—Salaries and Wages; Fuel and Electricity; Average values of coal; Power employed.	Tables 165-177	107	
APPENDIX Two—Legislation providing for test movements of Canadian coal		116	

COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEARS 1947 AND 1948

CHAPTER ONE

Production of coal in Canada during the calendar year 1948 amounted to 18,449,689 tons, an increase of 16·3 per cent over the production of the previous year. Compared with 1947, production increased 56·2 per cent in Nova Scotia, 51·2 per cent in New Brunswick, 0·6 per cent in Alberta, 1·2 per cent in Saskatchewan and 1·2 per cent in British Columbia. The large increase in 1948 production in the Maritime Provinces over 1947 was due to the strike in these provinces, which lasted from February 15 to June 10, 1947.

Of the total production for the year 5,045,562 tons or approximately 27·3 per cent was obtained from stripping operations. Tables 13 and 14 on page 15 gives a comparison of production, employment and man-days worked at strip and underground mines during 1947 and 1948.

Coal imported during 1948 totalled 31,054,148 tons, an increase of 1·6 per cent over the 30,564,129 tons imported in 1947. Exports of coal amounted to 1,273,262 tons in 1948 compared with 714,549 tons in 1947.

Coal made available for consumption in 1948 amounted to 48,230,575 tons, an increase of 5·5 per cent over the quantity available for consumption in the previous year. These figures do not represent the quantity consumed during the year but are the actual tonnages of new coal made available for use and are calculated by adding production and imports and subtracting exports.

During 1948 Canadian coal mines employed 1,769 salaried employees and 22,550 wage-earners.

Change in Classification of Canadian Coal

Since 1945 the Dominion Bureau of Statistics has been classifying Canadian coals according to the classification adopted by the American Society for Testing Materials (A.S.T.M.). The new classification is the result of the joint work of United States and Canadian chemists, fuel technologists, geologists and others, and is an attempt to provide a uniform system of classification for coals on this continent.

Report (*) No. 814, dated June, 1939, of the National Research Council of Canada, explains the specifications of the A.S.T.M. classification and its application to Canadian coals, and recommends the adoption of this classification for general use by the Dominion Government and by the industry.

The application of the A.S.T.M. classification for statistical purposes involves a change only in the coals of the province of Alberta; coals of the other provinces remain classified as before.

The effect of the A.S.T.M. classification when applied to Alberta coals is a general promotion in rank of the low rank coals, in which coals formerly classified as sub-bituminous are raised to the rank of bituminous, and coals formerly classified as lignite are raised to the rank of sub-bituminous, with exception that coals from three former lignite districts—Halcourt, Lethbridge and Magrath—now become bituminous. Coals formerly classified as bituminous remain as such.

The new classification does not create any partition of individual districts, the districts being only re-grouped into the two divisions, bituminous and sub-bituminous, instead of bituminous, sub-bituminous and lignite as previously.

In the following table, which gives a comparison of the old and new classifications, it will be noted that anthracite is shown in Alberta, British Columbia and Nova Scotia; sub-bituminous in British Columbia, and lignite in Alberta. In these instances there is either no production from these areas, or the tonnage is too small to show separately and is included with either bituminous or sub-bituminous.

Tables in this report which show comparative figures for earlier years have been adjusted to agree with the new classification.

(*) Report on the A.S.T.M. standard specifications for classification of coals by rank and by grade and their application to Canadian coals, prepared for the Associate Committee on Coal Classification and Analysis of the National Research Council of Canada.

Comparison of Old and New Classifications of Canadian Coals by Districts

(From Report No. 4-1, Coal Mines in Canada, Mineral Resources Division, Department of Mines and Resources)

Classification prior to 1940	District	A.S.T.M. Rank* (D 388-38)				
		Class	Anthracitic	Bituminous	Sub-bituminous	Lignite
	Group	Meta-anthracite Anthracite Semi-anthracite	Low volatile Medium volatile High volatile A High volatile B High volatile C	Sub-bituminous A Sub-bituminous B Sub-bituminous C	Brown coal	
NAME						
- - - - -	NOVA SCOTIA					
- - - - -	Bras d'Or	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Colchester	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Inverness	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Joggins	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	New Campbellton†	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Springhill	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Stellarton	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Sydney	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Westville	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
NEW BRUNSWICK						
- - - - -	Gloucester†	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Minto	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
ONTARIO						
- - - - -	Onakawana†	- - - - -	- - - - -	- - - - -	- - - - -	φ or φ
SASKATCHEWAN						
- - - - -	Cypress Hills b	- - - - -	- - - - -	- - - - -	- - - - -	φ
- - - - -	Estevan	- - - - -	- - - - -	- - - - -	- - - - -	φ
- - - - -	Willow Bunch-Wood Mountain	- - - - -	- - - - -	- - - - -	- - - - -	φ
BRITISH COLUMBIA						
- - - - -	Coalmont	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Comox	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Crowsnest	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Hat Creek	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Kathlyn Lake†	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Nanaimo	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Nicola	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Pence River	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Princeton	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Telkwa	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
YUKON & N.W.T.						
- - - - -	Tantalus, Yuk.	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	Grent Bear Lake, N.W.T.†	- - - - -	- - - - -	- - - - -	- - - - -	φ or φ

Comparisons of Old and New Classifications of Canadian Coals by Districts (Conc.)
 (From report No. 4-1, Coal Mines in Canada, Mineral Resources Division, Department of Mines and Resources)

Classification prior to 1940	District	Class	A.S.T.M. Rank* (D 388-38)			
			Anthracitic	Bituminous	Sub-bituminous	Lignite
		Group	Meta-anthracite	Anthracite	Semi-anthracite	
ALBERTA						
	NAME	No.				
	Ardley	1	-	-	-	-
	Big Valley	2	-	-	-	-
	Brooks	3	-	-	-	-
	Brule†	4	-	-	-	-
	Camrose	5	-	-	-	-
	Carbon	6	-	-	-	-
	Cascade	7	-	-	-	-
	Castor	8	-	-	-	-
	Champion	9	-	-	-	-
	Clearwater†	10	-	-	-	-
	Coalspur	11	-	-	-	-
	Crossnest	12, 13	-	-	-	-
	Drumheller	14	-	-	-	-
	Edmonton	15	-	-	-	-
	Empress†	16	-	-	-	-
	Gleichen	17	-	-	-	-
	Halcourt c.	18	-	-	-	-
	High Prairie	18A	-	-	-	-
	Highwood	19	-	-	-	-
	Lethbridge	20	-	-	-	-
	Magrath†	21	-	-	-	-
	Milk River	22	-	-	-	-
	Morley	23	-	-	-	-
	Mountain Park	24	-	-	-	-
	Nordegg	25	-	-	-	-
	Oldman†	26	-	-	-	-
	Pakant	27	-	-	-	-
	Pakowki b.	28	-	-	-	-
	Panther†	29	-	-	-	-
	Pekisko	30	-	-	-	-
	Pembina	31	-	-	-	-
	Pincher	32	-	-	-	-
	Prairie Creek	33	-	-	-	-
	Redcliff	34	-	-	-	-
	Rochester†	35	-	-	-	-
	Saunders	36	-	-	-	-
	Sexsmith†	37	-	-	-	-
	Sheerness	38	-	-	-	-
	Slave	38A	-	-	-	-
	Smoky River†	39	-	-	-	-
	Steveville†	40	-	-	-	-
	Taber	41	-	-	-	-
	Tofield	42	-	-	-	-
	Valhalla†	43	-	-	-	-
	Wainwright†	44	-	-	-	-
	Westlock	45	-	-	-	-
	Wetaskiwin	46	-	-	-	-
	Whitecourt	47	-	-	-	-

*Based on specifications D 388-38 and D 389-37 of the American Society for Testing Materials (A.S.T.M.) and rearranged from report No. 814 issued June 1939 by the National Research Council of Canada.

† Class not yet determined. ‡ Non-producing district at present.

φ Kind or rank of coal is indicated at the heading of this column. b The Cypress Hills traverse the southwesterly portion of Coal District No. 3 in Saskatchewan and extend into the northerly portion of the Pakowki coal district in Alberta; there are no producing mines in the Cypress Hills in Saskatchewan. c Coals from westerly portion of Halcourt district or area are classified as bituminous, and those from the easterly portion, as sub-bituminous.

Table 1.—Output of Coal from Canadian Mines, 1785-1948

Year	Short tons	Value At mines	Average Value per ton	Year	Short tons	Value at mines	Average Value per ton
1785-1866.....	2,863,826	4,905,462	1.71	1909.....	10,501,475	24,781,236	2.36
1867.....	631,320	1,056,725	1.67	1910.....	12,909,152	30,909,779	2.39
1868.....	623,302	1,073,061	1.72	1911.....	11,323,388	26,467,640	2.34
1869.....	687,825	1,155,282	1.68	1912.....	14,512,829	36,018,044	2.48
1870.....	752,635	1,243,139	1.65	1913.....	15,012,178	37,334,940	2.49
1871.....				1914.....	13,637,529	33,471,801	2.45
1872.....	3,033,152	5,073,331	1.67	1915.....	13,267,023	32,111,182	2.42
1873.....				1916.....	14,483,307	38,817,481	2.68
1874.....	1,063,742	1,763,423	1.66	1917.....	14,046,754	43,109,831	3.08
1875.....	1,039,974	1,747,016	1.68	1918.....	14,977,926	55,192,896	3.68
1876.....	994,762	1,729,546	1.74	1919.....	13,819,096	55,622,670	3.99
1877.....	1,038,670	1,794,415	1.73	1920.....	16,946,764	82,495,537	4.86
1878.....	1,089,744	1,941,285	1.78	1921.....	15,057,493	72,451,656	4.81
1879.....	1,126,497	2,050,630	1.82	1922.....	15,157,431	65,511,497	4.32
1880.....	1,482,714	2,657,194	1.79	1923.....	16,980,571	72,054,986	4.24
1881.....	1,537,106	2,688,821	1.75	1924.....	13,638,197	53,593,988	3.93
1882.....	1,848,148	3,248,446	1.76	1925.....	13,134,968	49,261,951	3.75
1883.....	1,818,684	3,109,635	1.71	1926.....	16,478,131	59,875,094	3.63
1884.....	1,934,959	3,593,331	1.81	1927.....	17,426,861	61,867,463	3.55
1885.....	1,820,877	3,417,807	1.78	1928.....	17,564,293	63,757,833	3.63
1886.....	2,116,653	3,739,840	1.77	1929.....	17,498,557	63,065,170	3.60
1887.....	2,429,330	4,388,206	1.81	1930.....	14,881,324	52,849,749	3.55
1888.....	2,602,552	4,674,140	1.80	1931.....	12,243,211	41,207,682	3.37
1889.....	2,658,303	4,894,287	1.84	1932.....	11,738,913	37,117,895	3.10
1890.....	3,084,682	5,676,247	1.84	1933.....	11,903,344	35,923,062	3.02
1891.....	3,577,749	7,019,425	1.96	1934.....	13,810,193	42,045,942	3.04
1892.....	3,287,745	6,363,757	1.94	1935.....	13,888,006	41,963,110	3.02
1893.....	3,783,499	7,359,080	1.95	1936.....	15,229,182	45,791,934	3.00
1894.....	3,847,070	7,429,468	1.93	1937.....	15,835,954	48,752,048	3.08
1895.....	3,478,344	6,739,153	1.94	1938.....	14,294,718	43,982,171	3.08
1896.....	3,745,716	7,226,462	1.93	1939.....	15,692,698	48,876,990	3.10
1897.....	3,786,107	7,303,597	1.92	1940.....	17,566,884	54,675,844	3.11
1898.....	4,173,108	8,224,248	1.97	1941.....	18,225,921	58,059,630	3.19
1899.....	4,925,051	10,283,497	2.09	1942.....	18,865,030	62,897,581	3.33
1900.....	5,777,319	13,742,178	2.38	1943.....	17,859,057	62,877,549	3.52
1901.....	6,486,325	12,609,243	1.96	1944.....	17,026,409	70,433,169	4.14
1902.....	7,480,681	15,210,877	2.04	1945.....	16,506,713	67,585,402	4.09
1903.....	7,960,364	15,942,833	2.00	1946.....	17,511,747	75,820,156	4.25
1904.....	8,254,595	16,592,231	2.01	1947.....	15,808,806	77,474,954	4.88
1905.....	8,667,915	17,520,263	2.02	1948.....	18,449,089	106,684,008	5.79
1906.....	9,762,801	19,732,019	2.02	Total.....	754,985,571	2,429,284,824	
1907.....	10,511,426	24,381,842	2.32				
1908.....	10,886,311	25,104,572	2.31				

NOTE.—For the year 1919-1948 the tonnage shown is the total output from all mines; for previous years the tonnage shown includes only sales, colliery consumption and coal used by the operators.

Table 2.—Production of Coal in Canada, by Kinds, 1920-1948

Calendar year	Anthracite		Bituminous		Sub-Bituminous		Lignite		Total	
	Short tons	Value at mines	Short tons	Value at mines	Short tons	Value at mines	Short tons	Value at mines	Short tons	Value at mines
	\$	\$		\$		\$		\$		\$
1920.....	127,513	16,484,020					335,222		16,945,764	92,496,538
1921.....	96,964	330,600	14,624,807	71,297,777			335,632	823,180	15,057,493	72,451,656
1922.....	40,417	122,538	14,734,577	64,593,906			332,437	802,053	15,157,431	65,514,497
1923.....	107	322	14,065,061	62,988,555	2,487,303	8,211,661	438,100	858,448	16,991,571	72,054,966
1924.....	10,478,532	44,323,988	2,680,547	8,383,332	479,115	886,668	13,634,930	53,583,988		
1925.....	10,179,815	41,467,126	2,483,188	6,723,950	471,965	870,875	13,134,965	19,261,951		
1926.....	13,544,637	52,125,077	4,293,601	9,930,252	439,803	819,805	17,485,173	59,875,084		
1927.....	14,298,217	53,798,811	2,658,428	7,199,795	470,216	886,867	17,436,861	61,867,463		
1928.....	14,509,272	55,741,531	2,583,308	7,184,811	471,713	831,491	17,561,297	63,757,833		
1929.....	14,261,163	54,705,058	2,055,205	7,363,886	580,189	903,226	17,196,557	63,065,170		
1930.....	11,974,851	45,577,990	2,327,049	6,302,895	579,424	968,863	11,581,324	52,849,748		
1931.....	9,602,732	35,581,551	1,886,337	4,677,068	664,142	949,056	12,243,111	41,207,682		
1932.....	8,666,277	30,636,270	2,183,945	5,238,292	888,691	1,233,133	11,738,913	37,117,695		
1933.....	8,875,309	30,072,152	2,096,506	4,556,593	931,529	1,295,210	11,903,314	35,923,963		
1934.....	10,914,405	36,568,356	1,982,387	4,227,504	913,401	1,250,082	13,810,193	11,045,942		
1935.....	10,871,303	35,600,964	2,291,810	5,025,070	924,891	1,301,076	13,888,006	11,963,110		
1936.....	11,717,648	38,736,380	2,486,713	5,582,349	1,034,821	1,473,205	15,229,187	15,791,934		
1937.....	12,490,642	42,049,957	2,286,792	5,200,045	1,052,520	1,502,046	15,937,951	18,752,018		
1938.....	11,164,742	37,714,195	2,105,794	4,881,000	1,024,182	1,380,078	11,294,718	13,982,171		
1939.....	12,614,236	42,442,382	2,117,124	4,975,636	901,138	1,258,927	15,602,689	18,676,990		
1940.....	14,262,022	47,921,227	2,204,748	5,342,040	1,099,214	1,412,577	17,565,881	14,675,844		
1941.....	14,531,862	50,088,519	2,370,050	6,254,222	1,324,009	1,716,889	18,225,321	18,659,630		
1942.....	14,822,230	53,423,090	2,740,419	7,710,603	1,302,381	1,763,528	18,865,030	16,997,581		
1943.....	13,358,664	51,798,996	2,833,422	8,643,340	1,666,971	2,435,213	17,859,057	18,877,549		
1944.....	12,988,325	50,303,397	2,665,405	9,094,858	1,372,706	2,034,914	17,026,199	16,133,169		
1945.....	11,774,164	54,689,201	3,199,554	10,572,059	1,532,905	2,327,082	16,506,743	17,675,588		
1946.....	12,851,365	61,044,144	3,436,803	12,231,023	1,523,450	2,544,002	17,811,745	17,820,159		
1947.....	11,062,060	60,268,923	3,235,050	14,277,219	1,571,147	2,928,812	15,868,866	17,474,954		
1948.....	13,671,720	57,926,877	3,188,797	15,736,826	1,589,172	3,020,305	18,419,689	16,684,008		

NOTE.—Figures shown in this table for past years have been adjusted to agree with A.S.T.M. classification. See text, pages 7 and 8.

Table 3.—Production of Coal in Canada, by Kinds and by Provinces,
1947 and 1948

Province	1947			1948		
	Number of mines	Short tons	Value at mines	Number of mines	Short tons	Value at mines
NOVA SCOTIA (Bituminous).....	42	4,118,196	27,175,251	43	6,430,991	47,874,509
NEW BRUNSWICK (Bituminous).....	29	345,194	2,301,511	26	522,130	3,734,635
SASKATCHEWAN (Lignite).....	63	1,571,147	2,928,812	62	1,589,172	3,020,305
ALBERTA—			\$			\$
Bituminous.....	40	4,835,371	22,161,876	38	4,934,458	26,480,623
Sub-bituminous.....	155	3,235,059	14,277,210	160	3,188,797	15,736,826
Total.....	195	8,070,430	36,439,095	198	8,123,255	42,217,449
BRITISH COLUMBIA AND YUKON* (Bituminous).....	21	1,763,809	8,630,285	23	1,784,135	9,837,110
CANADA—						
Bituminous.....	132	11,062,660	60,268,923	130	13,671,720	87,926,877
Sub-bituminous.....	155	3,235,059	14,277,210	160	3,188,797	15,736,826
Lignite.....	63	1,571,147	2,928,812	62	1,589,172	3,020,305
Total.....	350	15,868,866	77,474,954	352	18,419,689	106,684,008

*Production in Yukon Territory for 1948 was 3,801 tons, valued at \$25,857.

Table 4.—Output of Coal from Canadian Mines, by Months, 1944-1948

Month	1944	1945	1946	1947	1948
	(short tons)				
January.....	1,026,068	1,691,066	1,808,189	1,700,463	1,396,363
February.....	1,454,614	1,504,759	1,640,962	1,138,012	1,155,109
March.....	1,546,446	1,469,398	1,588,548	976,932	1,658,699
April.....	1,236,200	1,321,063	1,360,228	850,887	1,605,266
May.....	1,290,481	1,201,274	1,396,121	850,587	1,362,393
June.....	1,233,251	1,277,840	1,259,390	1,125,217	1,404,189
July.....	1,168,850	1,092,203	1,154,809	1,204,971	1,361,736
August.....	1,379,044	1,199,078	1,392,811	1,218,841	1,383,728
September.....	1,391,475	1,187,429	1,429,905	1,546,111	1,578,467
October.....	1,528,201	1,217,034	1,627,186	1,734,598	1,811,537
November.....	1,638,628	1,790,504	1,579,901	1,748,672	1,802,580
December.....	1,533,142	1,555,065	1,573,697	1,768,575	1,839,622
Total.....	17,026,499	16,506,713	17,811,747	15,868,866	18,419,689

Table 5.—Production of Coal in Canada, by Kinds and by Months, 1947

Month	Bituminous		Sub-Bituminous		Lignite		Total	
	Short tons	Value at mines	Short tons	Value at mines	Short tons	Value at mines	Short tons	Value at mines
January.....	1,109,384	5,517,212	401,491	1,643,182	189,588	342,241	1,700,463	7,502,635
February.....	688,747	3,778,182	309,052	1,265,662	138,213	259,540	1,136,012	5,363,381
March.....	540,849	2,564,608	274,928	1,189,022	155,155	275,436	976,932	4,029,156
April.....	545,676	2,551,172	218,780	985,130	86,431	145,575	850,887	3,682,177
May.....	601,061	2,863,478	193,582	901,565	64,944	106,713	859,587	3,871,756
June.....	872,438	4,407,040	189,974	914,868	62,805	99,650	1,125,317	5,421,558
July.....	1,052,639	5,638,173	120,124	555,405	32,217	63,820	1,291,971	6,257,398
August.....	940,541	5,338,172	213,613	1,022,515	62,687	116,260	1,216,811	6,476,947
September.....	1,166,386	6,452,544	245,586	1,143,188	134,180	257,828	1,546,111	7,553,569
October.....	1,219,100	7,288,208	315,254	1,418,507	200,244	372,220	1,731,598	9,079,031
November.....	1,159,472	7,004,595	383,630	1,628,383	205,570	426,270	1,748,672	9,059,218
December.....	1,160,376	6,865,350	369,045	1,609,792	239,154	462,953	1,768,575	8,938,104
Total.....	11,062,660	60,268,923	3,235,059	14,277,210	1,571,147	2,928,812	15,868,866	77,474,954

Table 6.—Production of Coal in Canada by Kinds and by Months, 1948

Month	Bituminous		Sub-Bituminous		Lignite		Total	
	Short tons	Value at mines	Short tons	Value at mines	Short tons	Value at mines	Short tons	Value at mines
January.....	897,092	5,700,453	274,841	1,043,434	224,430	450,887	1,396,363	7,194,774
February.....	758,929	5,086,598	202,236	731,267	193,944	387,209	1,155,109	6,205,074
March.....	1,169,811	7,398,923	281,921	1,350,775	206,967	406,733	1,658,699	9,156,431
April.....	1,288,938	8,214,045	211,711	1,124,861	104,017	194,018	1,685,268	9,532,921
May.....	1,148,457	7,239,968	163,241	873,742	50,695	91,990	1,362,393	8,205,700
June.....	1,157,917	7,544,035	198,132	1,106,490	48,140	81,052	1,104,189	8,731,577
July.....	1,197,733	7,683,855	133,427	745,533	30,576	61,400	1,361,736	8,490,788
August.....	1,076,452	6,831,860	239,989	1,339,392	67,287	128,325	1,383,728	8,299,577
September.....	1,184,237	7,695,847	258,337	1,399,096	135,893	262,600	1,578,467	9,357,543
October.....	1,225,187	8,058,079	346,804	1,741,892	239,546	455,029	1,811,537	10,255,000
November.....	1,325,990	8,555,329	444,304	2,137,186	122,286	219,200	1,892,580	10,911,715
December.....	1,240,977	7,917,885	433,854	2,143,158	164,791	281,862	1,839,622	10,342,905
Total.....	13,671,720	87,926,877	3,188,797	15,736,826	1,589,172	3,020,305	18,449,689	106,684,088

Table 7.—Output and Disposition of Coal from Canadian Mines, by Grades of Coal, 1947

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total tonnage	Total value at mines	Average value per ton
(short tons)									
Supplied to employees for domestic consumption.....	126,296	50,539	3,132	478	369	254	181,068	326,555	5.11
Used by producers for power purposes—									
(a) In shops.....	791	1,877		33	8,864	19,497	31,062	186,852	6.01
(b) Under colliery boilers	102,711	4,125	16,834	39,503	22,728	210,947	396,848	1,383,261	3.48
(c) By companies' railroads	11,520	5,279	5,182	845	813	15,477	39,116	152,508	3.89
(d) By harbour tugs and dredges.....	1,339						1,339	4,695	3.51
Shipped (See Table II)									
(a) Ships bunkers.....	102,300	54,841	12,874	.....	2,850	6,027	178,832		
(b) Railroads.....	3,016,743	231,109	5,082	56,794	21,843	86,332	3,417,983	72,392,566	5.08
(c) Other.....	807,565	3,848,291	982,854	1,251,742	433,021	3,314,665	10,638,138		
Used in making coke at collieries.....							237,972	237,972	965,738
Used in making briquettes.....							266,178	266,178	1,049,570
Put on bank.....	69,970	249,179	13,197	18,883	4,616	824,678	1,186,523	4,014,870	3.40
Put on waste heap.....							353,919		
Total disposition.....	4,239,235	4,445,240	1,039,155	1,368,278	495,104	4,982,027	16,922,958	81,076,938	4.79
Lifted from bank.....	62,406	187,340	13,228	20,961	4,187	742,547	1,030,673	3,515,512	3.41
Lifted from waste heap.....							23,419	86,442	3.69
Total output.....	4,176,829	4,257,894	1,025,929	1,317,317	490,917	4,239,180	15,868,866	77,474,934	4.88

Table 8.—Output and Disposition of Coal from Canadian Mines, by Grades of Coal, 1948

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total tonnage	Total value at mines	Average per ton
(short tons)									
Supplied to employees for domestic consumption.....	157,522	50,425	8,142	285	125	276	216,775	1,348,431	6.22
Used by producers for power purposes—									
(a) In shops.....	70	907	64	15,232	33,162	49,435	360,170	7.28	
(b) Under colliery boilers.....	101,284	4,517	10,557	44,973	25,045	250,084	436,460	2,316,065	5.30
(c) By companies' railroads.....	14,307	4,522	5,999		125	32,002	56,955	359,006	6.32
(d) By harbour tugs and dredges.....	1,436						1,436	9,961	6.94
Shipped (See Table 12)									
(a) Ships bunkers.....	13,232	97,353	7,536	274	196	118,591			
(b) Railroads.....	3,011,029	552,250	2,323	83,506	57,598	57,154	3,763,560	100,502,035	5.95
(c) Other.....	1,284,491	4,220,766	1,052,857	1,367,032	467,657	4,629,294	13,022,097		
Used in making coke at collieries.....							233,136	233,136	1,156,916
Used in making briquettes.....	31,279						271,266	362,545	4,67
Put on bank.....	155,177	811,749	20,954	21,135	12,942	1,574,673	2,296,630	14,072,919	6.12
Put on waste heap.....							363,999		
Total disposition	4,769,827	5,442,489	1,108,308	1,516,995	578,998	7,081,243	26,861,919	121,510,763	5.82
Lifted from bank.....	107,130	525,829	20,602	18,202	3,766	1,713,844	2,389,373	14,806,740	6.19
Lifted from waste heap.....							22,857	50,015	2.19
Total output	4,662,697	4,916,668	1,087,766	1,498,793	575,232	5,367,399	18,449,689	106,684,006	5.78

Table 9.—Disposition of Coal from Canadian Mines, by Provinces, 1947

	From mines in					Canada
	Nova Scotia	New Brunswick	Saskatchewan	Alberta	British Columbia	
(short tons)						
Supplied to employees for domestic consumption.....	105,833	3,740	3,010	54,708	13,777	181,068
Coal shipped. (See Table 11).....	3,636,556	330,006	1,537,236	7,376,757	1,354,933	14,234,933
Used under colliery boilers, etc.	176,532	5,898	18,450	174,250	21,718	396,548
Used by companies' railroads.....	27,177	712	0,179	1,263	3,785	39,116
Used for manufacture of coke at colliery.....				81,128	156,844	237,972
Used in making briquettes.....				266,178		266,178
Used in producers' shops, etc.	31,062					31,062
Used by producers' harbour tugs and dredges.....	1,339					1,339
Put on bank.....	1,059,416	8,044	30,293	45,320	37,450	1,180,523
Put on waste heap.....	206	1	6,467	134,434	212,811	353,919
Total disposition	5,038,121	348,401	1,661,635	8,134,633	1,800,763	16,922,958
Lifted from bank.....	919,925	3,207	30,488	40,189	36,864	1,030,673
Lifted from waste heap.....				23,419		23,419
Total output	4,118,196	345,194	1,571,147	8,070,430	1,763,899	15,848,866

Table 10.—Disposition of Coal from Canadian Mines, by Provinces, 1948

	From mines in					Canada
	Nova Scotia	New Brunswick	Saskatchewan	Alberta	British Columbia	
(short tons)						
Supplied to employees for domestic consumption.....	148,608	4,504	2,557	49,397	11,709	216,775
Coal shipped (See Table 12).....	6,120,920	510,893	1,556,660	7,322,464	1,393,611	16,994,548
Used under colliery boilers, etc.	226,881	6,573	17,572	165,084	20,350	436,460
Used by companies' railroads.....	46,259	1,497	5,217	1,333	2,649	56,955
Used for manufacture of coke at colliery.....				78,795	154,341	233,136
Used in making briquettes.....				302,545		302,545
Used in producers' shops, etc.	49,435					49,435
Used by producers' harbour tugs and dredges.....	1,436					1,436
Put on bank.....	2,062,306	17,019	27,687	151,777	37,841	2,296,630
Put on waste heap.....	3,689	452	7,078	146,388	206,392	363,999
Total disposition	8,659,534	540,038	1,616,771	8,217,783	1,826,893	20,861,919
Lifted from bank.....	2,228,543	18,802	27,599	80,955	33,474	2,389,373
Lifted from waste heap.....				13,573	9,284	22,857
Total output	6,430,991	522,136	1,589,172	8,123,255	1,784,135	18,449,689

Table 11.—Shipments of Coal from Canadian Mines, by Grades and by Destinations, 1947

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
(short tons)							
(a) Prince Edward Island.....	3,313	62,065	4,033	6,209	.....	1,761	77,381
Nova Scotia.....	133,328	537,388	30,931	37,250	11,107	959,916	1,709,980
New Brunswick.....	186,006	216,585	2,777	84,754	13,108	236,662	739,892
Quebec.....	7,182	86,360	6,837	18,641	2,411	414,829	536,269
Ontario.....	8,450	111,484	30,405	16,362	6,592	5,085	178,387
Manitoba.....	28,558	488,636	267,013	502,722	68,880	311,609	1,667,718
Saskatchewan.....	74,481	1,016,476	275,653	324,167	114,909	316,344	2,122,030
Alberta.....	240,680	655,155	172,371	101,057	61,153	364,950	1,395,366
British Columbia.....	49,558	470,551	162,983	152,226	140,507	493,051	1,469,476
Yukon.....		1,664	576				2,240
Total shipments to Canadian users (except railroads and ships' bunkers).....	731,885	3,046,370	953,579	1,243,391	418,727	3,104,807	10,098,739
(b) Railroads—							
In Canada.....	2,990,591	176,675	5,082	56,704	21,843	63,532	3,314,517
In United States.....	23,848						23,848
In Newfoundland.....	2,304	54,434				22,800	79,538
Ships' bunkers.....	102,300	54,841	12,874		2,850	6,027	178,892
Total shipments to railroads and ships' bunkers.....	3,119,043	285,950	17,956	56,794	24,693	92,359	3,596,795
(c) United States.....	28,400	16,631	29,093	8,351	14,021	157,392	253,888
Alaska.....		669	182		273		1,124
Newfoundland.....	22,377	158,444				19,511	200,332
St. Pierre.....		8,708					8,708
Spain.....	1,458					4,142	5,600
China.....	1,107					10,414	11,521
Japan.....	11,157					99	11,256
Other countries.....	11,201	17,409				18,300	46,970
Total shipments for export.....	75,700	201,921	29,275	8,351	14,294	209,858	539,399
Total shipments..	3,926,608	4,134,241	1,000,810	1,308,536	457,714	3,407,024	14,234,933

Table 12.—Shipments of Coal from Canadian Mines, by Grades and Destinations, 1948

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
(short tons)							
(a) Prince Edward Island.....	1,693	78,211	6,796	10,807	847	1,495	99,819
Nova Scotia.....	121,797	614,202	62,643	90,172	23,548	1,272,191	2,184,553
New Brunswick.....	232,418	275,337	5,883	130,441	32,600	406,733	1,083,412
Quebec.....	31,175	303,057	60,617	29,149	5,531	1,245,916	1,736,043
Ontario.....	18,380	119,023	42,916	14,709	27,236	19,156	241,426
Manitoba.....	20,502	517,564	279,987	517,481	59,850	305,987	1,701,371
Saskatchewan.....	64,656	967,272	252,762	306,370	124,780	283,346	1,999,186
Alberta.....	284,392	577,487	167,001	107,382	59,438	390,738	1,586,438
British Columbia.....	179,539	469,646	143,870	155,327	117,463	477,845	1,543,690
Yukon.....	1,049	277					1,326
Total shipments to Canadian users (except railroads and ships' bunkers).....	955,601	3,982,676	1,022,475	1,361,838	451,293	4,403,407	12,177,290
(b) Railroads—							
In Canada.....	2,919,987	485,873	2,323	83,463	57,598	45,071	3,594,315
In United States.....	91,042			43			91,085
In Newfoundland.....		66,377				12,083	78,460
Ships' bunkers.....	13,232	97,353	7,536		274	196	118,591
Total shipments to railroads, and ships' bunkers.....	3,024,261	649,803	9,859	83,506	57,872	57,350	3,882,451
(c) United States.....	84,697	10,730	20,827	5,194	16,364	123,681	270,493
Alaska.....		2,514	511				3,025
Newfoundland.....	4,660	204,875	44				291,339
St. Pierre.....		19,971					19,971
Argentina.....	51,527						51,527
Japan.....	176,293					12,941	189,234
Other countries.....	11,713						11,713
Lost at sea.....						7,505	7,505
Total shipments for export.....	328,890	238,090	30,382	5,194	16,364	225,887	844,807
Total shipments..	4,308,752	4,870,369	1,062,716	1,450,538	525,529	4,686,644	16,904,548

Table 13.—Production, Number of Employees and Man-days Worked, at Strip and Underground Coal Mines in Canada, by Provinces, 1947

	Output (short tons)	Number of employees		Man-days worked	
		Surface	Under- ground	Surface	Under- ground
Nova Scotia—					
Strip mines.....	32,050	27		6,851	
Underground mines.....	4,086,146	1,669	8,349	368,566	1,705,469
Total.....	4,118,196	1,696	8,349	375,407	1,705,469
New Brunswick—					
Strip mines.....	194,741	166		44,893	
Underground mines.....	150,453	100	390	21,297	84,712
Total.....	345,194	266	390	66,190	84,712
Saskatchewan—					
Strip mines.....	1,256,543	239		60,556	
Underground mines.....	314,604	68	182	15,037	43,474
Total.....	1,571,147	307	182	75,593	43,474
Alberta—					
Strip mines.....	1,905,084	745		100,578	
Underground mines.....	6,164,446	2,132	5,834	480,176	1,277,573
Total.....	8,070,430	2,877	5,834	670,754	1,277,573
British Columbia—					
Strip mines.....	232,054	79		16,643	
Underground mines.....	1,531,845	646	1,607	145,463	354,498
Total.....	1,763,899	725	1,607	162,106	354,498
Canada—					
Strip mines.....	3,621,372	1,250		319,521	
Underground mines.....	12,247,494	4,615	16,362	1,030,529	3,465,726
Total.....	15,868,866	5,865	16,362	1,350,050	3,465,726

Table 14.—Production, Number of Employees and Man-days worked, at Strip and Underground Coal Mines in Canada, by Provinces, 1948

	Output (short tons)	Number of employees		Man-days worked	
		Surface	Under- ground	Surface	Under- ground
Nova Scotia—					
Strip mines.....	91,451	45		12,147	
Underground mines.....	6,339,540	1,898	10,101	482,723	2,429,892
Total.....	6,430,991	1,943	10,101	494,870	2,429,892
New Brunswick—					
Strip mines.....	293,979	203		58,511	
Underground mines.....	228,157	118	511	27,370	129,768
Total.....	522,136	321	511	85,881	129,768
Saskatchewan—					
Strip mines.....	1,420,362	285		69,171	
Underground mines.....	168,810	35	108	8,402	23,401
Total.....	1,589,172	320	108	75,573	23,401
Alberta—					
Strip mines.....	2,727,348	970		253,477	
Underground mines.....	5,395,907	2,122	5,709	435,092	1,137,066
Total.....	8,123,255	3,098	5,709	688,569	1,137,066
British Columbia and Yukon—					
Strip mines.....	512,422	192		40,563	
Underground mines.....	1,271,713	573	1,443	111,801	288,248
Total.....	1,784,135	765	1,443	152,364	288,248
Canada—					
Strip mines.....	5,045,562	1,701		433,869	
Underground mines.....	13,404,127	4,746	17,872	1,063,388	4,008,365
Total.....	18,449,699	6,447	17,872	1,497,257	4,008,365

Table 15.—Exports of Canadian Coal, 1926-1948

Calendar year	Short tons	Value	Calendar year	Short tons	Value
1926.....	1,028,200	5,739,436	1938.....	353,181	1,540,990
1927.....	1,113,330	5,890,259	1939.....	376,203	1,666,934
1928.....	803,941	4,469,999	1940.....	504,898	2,361,551
1929.....	842,972	4,375,328	1941.....	531,449	2,506,626
1930.....	624,512	3,345,998	1942.....	815,585	4,278,345
1931.....	359,853	1,009,922	1943.....	1,110,101	5,428,362
1932.....	285,487	1,433,036	1944.....	1,010,240	5,984,827
1933.....	259,233	1,188,225	1945.....	840,708	5,303,543
1934.....	306,335	1,400,978	1946.....	862,489	5,940,224
1935.....	418,391	1,906,647	1947.....	714,549	5,440,788
1936.....	411,574	1,792,584	1948.....	1,273,262	11,555,985
1937.....	355,268	1,441,879			

Table 16.—Exports of Canadian Coal from Eastern and Western Canada, 1944-1948

	1944	1945	1946	1947	1948
Eastern Canada.....	495,175	460,493	443,614	395,257	570,766
Western Canada.....	515,065	380,215	418,875	319,292	702,406
Total.....	1,010,240	840,708	862,489	714,549	1,273,262

Table 17.—Exports of Canadian Coal, by Destinations, 1947 and 1948

Destination	1947		1948	
	Short tons	Value	Short tons	Value
Newfoundland.....	320,132	2,006,742	402,777	3,598,142
Ire.....	20,152	221,336		
Falkland Islands.....	3,246	37,297		
St. Pierre and Miquelon.....	8,010	74,942	13,636	127,472
United States.....	303,772	1,626,408	324,109	2,228,414
Palestine.....	2,800	33,600		
Alaska.....	83	1,526	111	2,472
Argentina.....	17,469	167,667	51,527	520,406
China.....	37,480	353,286		
Philippines.....	1,405	17,084		
Japan.....			481,102	5,079,079
Total.....	714,549	5,440,788	1,273,262	11,555,985

Table 18.—Size Classification of Anthracites Imported into Canada (*)

Authority and Date		Royal Commission on Anthracite, Feb. 1937. Page 71. Also South Wales Coal Annual, 1932.				Scotch Anthracite Coal Company, Montreal. May 19, 1939.				American Soc. for Testing Materials: Standards on Coal and Coke. Designation D-310-34. P. 51. Sept. 1934.		
Customs Compilation Sta-tistical Code No.	Tariff Item	Welsh				Scotch				United States		
		Exporter's Designation	Size—Inches		Exporter's Designation	Size—Inches		Exporter's Designation	Size—Inches		Size—Inches	
7062	586	Large		6"	Large		4½"	Broken		4½"	3½"	
		Machine made Cobbles	4"	2½"	Cobbles	4½"	3"	Furnace Egg		3¼"	2 7/16"	
		Screened Cobbles French Nuts	3"	2½"	Trebles	3"	2"	Stove		2 7/16"	1½"	
		Stove Nuts	1½"	1"	Doubles	2"	1½"	Chestnut		1½"	13/16"	
					Singles	1½"	1" or ¾"					
7063	586	Pea Nuts Beans	1½"	1"				Pea		13/16"	9/16"	
		Peas	1"	1"	Beans	¾" or ½"	½"	No. 1 Buckwheat No. 2 " (Rice)		9/16"	5/16"	
		Grains Rubbly Culm (See Note 1)	1½"					No. 3 (Barley)		3/16"	3/32"	
7061	588	Duff	1"		Duff	¼" or ½"						

		Importers Invoices—1938 and correspondence with J. M. Honig, Dated Dec. 23, 1932.				Report on Coal Industry of French Indo-China. C. L. O'Brian.				Report by J. A. Langley (Canadian Government Trade Commissioner) of July 28, 1937, and Report of Chief Inspector of Mines (Netherlands), 1938.		
Customs Compilation Sta-tistical Code No.	Tariff Item	Germany				Indo-China				Netherlands		
		Exporter's Designation	Size—mm.		Exporter's Designation	Size—mm.		Exporter's Designation	Size—mm.		Size—mm.	
7062	586	Cobbles	120	80	Large Screened (Lump)	120	80	Lump Nuts 0	120	80		
		Nut 1	80	50	Screened (Cribble)	80	50	Nuts I	80	50		
		Nut 2	50	25	Nut (Braisette)	50	30	Nuts II	50	30		
		Nut 3 (Note 2)	30	20	Nut (Noisette)	30	18	Nuts III	30	20		
		Nut 4 (Note 3)	20	10				Nuts IV	20	8		
7063	586	Perl	14	8				Nuts V	8	6		
		Nut 5 (Grom)	10	6								
7061	588	Fine	6		Ordinary Dust Fine Dust	30	10	Duff	5			

Table 18.—Size Classification of Anthracites Imported into Canada (*)—Concluded.

		Correspondence with Canadian Import Co. Ltd., Nov. 19, 1938.				Colliery Guardian, May 1, 1936.				Report by Yves Lamontagne (Can. Government Trade Commissioner), July 10, 1937.			
Customs Compilation Statistical Code No.	Tariff Item	Morocco				Russia				Belgium			
		Exporter's Designation	Size—mm.		Exporter's Designation	Size—mm.		Exporter's Designation	Size—mm.		Exporter's Designation	Size—mm.	
7062	586		Through	Over		Through	Over		Through	Over		Through	Over
	Cobbles	120	80	Large best selected Cobbles A. 3	125	87	Cribbles				120		
	Nuts I	80	50	Cobbles A. 2 Cobbles A. 2'	87	62	Gaillettes	120	80				
	Nuts III	30	22	Stove A. 1 French Nuts A. 1 Stove Nuts A. 1' Stove Nuts A.M.O.	62	22	Gaillettes	80	50				
	Nuts IV	22	12	Beans A.M.	25	12	Gaillettes	50	30				
	Nuts IV B	12	8	Peas A.S.	15	6	Braisettes	35	22				
7063	586	Nuts V	8	5				Braisettes	20	10			
		Dust		8	Rubby Culm R.K.	25		Braisettes	10	5			
					Breaker Duff A.S.T. Billy Duff A.S.T.	6		Grains laves				1	1

	Equivalents in Inches of Millimeter Sizes					
	Millimetres	Inches	Millimeters	Inches	Millimeters	Inches
	125	4-15/16	40	1-37/64	14	35/64
	120	4-47/64	35	1-3/8	12	15/32
	90	3-35/64	30	1-3/16	10	25/64
	67	3-27/64	25	63/64	8	5/16
	60	3-5/32	22	7/8	6	15/64
	62	2-7/16	20	25/32	5	13/64
	50	1-31/32	15	19/32	1	3/64

Note 1. *Rubby Culm* is the nutty small passing through the longitudinal bars spaced 14" used in making "screened cobbles". This product is usually sold for steam raising purposes.

Note 2. *Nut 3* is sometimes sized 25 mm. x 15 mm. and would then be classed in Code 7063.

Note 3. *Nut 4* is sometimes sized 20 mm. x 8 mm. or 15 mm. x 8 mm.

*This statement has been supplied by the Dominion Coal Board. It shows standard sizes of United States anthracite and typical sizes of British, Scotch and other anthracite. The table is so arranged that the sizes of each anthracite are readily available.

Table 19.—*Imports of Coal into Canada "Entered for Consumption" 1926-1948

Year	Anthracite		Bituminous†		Lignite		Total	
	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value
	\$	\$	\$	\$	\$	\$	\$	\$
1926.....	4,102,419	34,202,166	12,370,606	25,511,932	10,423	45,567	16,579,448	59,759,665
1927.....	4,107,854	31,282,371	14,568,671	30,457,884	10,829	44,254	18,687,334	61,784,609
1928.....	3,748,816	27,680,018	13,445,945	26,608,427	10,780	44,247	17,295,541	54,332,692
1929.....	4,019,917	28,803,792	14,170,138	27,140,968	14,108	62,505	18,201,163	56,013,268
1930.....	4,256,090	30,098,910	14,497,955	26,522,765	18,676	72,691	18,772,721	56,891,366
1931.....	3,162,317	21,067,025	9,952,280	15,732,710	8,410	29,603	13,121,007	36,829,338
1932.....	3,148,902	19,312,710	8,807,131	12,011,398	3,004	13,701	11,959,032	31,337,809
1933.....	3,015,571	17,610,091	8,185,739	10,501,924	2,707	10,176	11,204,037	24,122,191
1934.....	3,500,563	18,414,060	9,471,605	16,641,659	2,791	9,661	12,974,959	35,065,380
1935.....	3,442,835	17,445,102	8,630,686	15,867,107	5,246	19,040	12,078,767	33,331,240
1936.....	3,418,556	17,897,635	9,700,002	17,039,408	4,873	18,347	13,123,431	31,955,390
1937.....	3,488,278	17,317,449	11,180,827	20,835,587	1,494	5,582	14,670,599	38,158,618
1938.....	3,475,801	18,079,657	9,533,729	17,734,567	2,961	11,690	13,012,491	35,825,914
1939.....	4,288,481	21,938,333	10,706,786	19,628,410	3,398	11,942	14,998,615	41,578,685
1940.....	3,944,255	23,123,417	13,479,986	26,499,046	2,493	7,669	17,426,734	49,630,132
1941.....	3,853,010	24,026,095	18,534,449	37,558,900	934	3,046	20,388,393	61,588,041
1942.....	4,911,625	31,506,620	20,025,483	50,343,442	239	1,148	24,937,347	81,851,210
1943.....	4,480,285	30,918,555	23,628,300	70,325,413	337	1,487	28,198,922	101,245,455
1944.....	4,452,991	33,417,990	24,270,602	79,718,988	171	1,038	28,723,851	113,118,016
1945.....	3,412,739	27,568,309	21,648,350	74,861,376	467	2,229	23,061,556	102,431,974
1946.....	4,031,387	41,987,460	21,475,040	78,366,184	172	776	26,166,599	120,354,120
1947.....	4,281,682	41,012,759	24,610,455	97,955,771	203	1,255	28,891,930	138,919,785
1948.....	5,244,837	56,380,098	25,204,853	127,673,342	14,632	78,073	30,461,322	181,131,513

† Includes "coal ex-warehouse for ships' stores".

‡ Prior to 1945 briquettes were included in imports of bituminous coal.

* Tonnages shown as "Entered for consumption" represent the amounts cleared from custom's 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.

Table 20.—Imports of Coal (Landed Coal) into Canada by Countries, by Kinds and by Provinces, 1947 and 1948

Destination	1947				1948			
	Anthra-	Bitumin-	Lignite	Total	Anthra-	Bitumin-	Lignite	Total
FROM GREAT BRITAIN—								
Nova Scotia.....	1,342	380	.....	1,722	32,414	.....	.....	32,414
New Brunswick.....	.....	353	.....	353	19,970	.....	.....	19,970
Quebec.....	47,387	.....	.....	47,387	123,370	.....	.....	123,370
Central Ontario.....	2,093	.....	.....	2,093	.....	.....	.....	.....
Manitoba.....	.....	354	.....	354	.....	.....	.....	.....
British Columbia.....	.....	.....	30	30	.....	.....	.....	.....
Yukon.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	51,722	1,087	30	52,839	175,754	.....	.....	175,754
FROM UNITED STATES—								
Prince Edward Island.....	5,808	720	.....	6,528	.....	.....	.....	4,516
Nova Scotia.....	36,432	145,683	.....	182,123	.....	.....	.....	1,556
New Brunswick.....	49,178	67,972	.....	117,150	1,218	338	.....	1,556
Quebec.....	1,388,590	6,059,626	.....	7,418,216	1,615,678	4,876,016	.....	6,492,294
Central Ontario.....	2,909,636	16,827,356	.....	19,736,992	3,287,858	17,664,370	.....	20,952,228
Head of Lakes.....	11,782	2,700,531	.....	2,721,313	56,708	3,125,294	.....	3,181,062
Manitoba.....	10,797	25,792	5	36,394	3,197	57,520	.....	60,717
Saskatchewan.....	.....	560	40	600	.....	485	.....	485
Alberta.....	11	806	.....	817	.....	.....	.....	.....
British Columbia.....	51	1,840	128	2,019	2,110	19,797	.....	21,913
Yukon.....	.....	21	.....	21	.....	.....	.....	.....
Total.....	4,412,285	25,839,917	173	30,252,375	4,966,775	25,748,896	.....	30,715,671
FROM BELGIUM—								
Nova Scotia.....	.....	431	.....	431	.....	.....	.....	.....
FROM ALASKA—								
Yukon.....	.....	5	.....	5	.....	.....	.....	.....
Canada.....	4,464,007	25,841,410	293	30,305,650	5,142,529	25,748,896	.....	30,391,425

Note—The import data shown in Tables 20-24 and 27 refer to the total tonnage received at Canadian ports, whether or not this coal was cleared from customs during the period.

† Imports of briquettes are included with bituminous coal for Jan., Feb. and Mar. 1948. Imports of lignite are included with bituminous coal for 1948.

Table 21.—Imports† of Coal (Landed Coal) into Eastern and Western Canada, 1947 and 1948

Destination	Anthracite	Bituminous	Lignite	Total all kinds
(Short tons)				
1947				
EASTERN CANADA—				
United States.....	4,380,644	23,101,367	.....	27,491,011
Great Britain.....	51,722	733	.....	52,455
Belgium.....		431	.....	431
Total.....	4,441,366	23,102,531	.....	27,543,897
WESTERN CANADA—*				
United States.....	22,641	2,738,550	173	2,761,364
Great Britain.....		354	30	354
Alaska.....		5	.....	5
Total.....	22,641	2,738,900	203	2,761,753
Canada—				
United States.....	4,412,285	25,839,917	173	30,252,375
Great Britain.....	51,722	1,087	30	52,839
Belgium.....		431	.....	431
Alaska.....		5	.....	5
Total.....	4,464,007	25,841,440	203	30,305,650†
1948				
EASTERN CANADA—				
United States.....	4,904,754	22,545,840	.....	27,450,594
Great Britain.....	175,754			175,754
Total.....	5,080,508	22,545,840	.....	27,626,348
WESTERN CANADA—*				
United States.....	62,021	3,203,056	.....	3,265,077
Great Britain.....				
Total.....	62,021	3,203,056	.....	3,265,077
Canada				
United States.....	4,966,775	25,748,896	.....	30,715,671
Great Britain.....	175,754			175,754
Total.....	5,142,529	25,748,896	.....	30,891,425

NOTE.—Imports of lignite are included with bituminous coal for 1948. Imports of briquettes are included with bituminous coal for Jan., Feb., and Mar., 1948.

* Includes Head of Lakes, Manitoba and points west.

† Does not include 258,479 tons of briquettes in 1947, or 162,723 tons in 1948.

Table 22.—Imports of Coal, (Landed Coal) into Canada, by Kinds and Months, 1947 and 1948

Month	1947				1948			
	From United States	From Great Britain	From Other countries	Total	From United States	From Great Britain	From Other countries	Total
ANTHRACITE—								
January	337,171	1,342	.....	338,513	312,487	.....	.....	312,487
February	336,721	.....	.....	336,721	357,844	.....	.....	357,844
March	310,257	.....	.....	310,257	397,024	.....	.....	397,024
April	444,823	.....	.....	444,823	397,301	5,009	.....	402,310
May	413,841	.....	.....	413,841	404,194	25,323	.....	429,517
June	345,316	.....	.....	345,316	409,402	16,974	.....	426,376
July	264,507	17,602	.....	282,109	299,141	32,837	.....	331,978
August	317,582	5,175	.....	322,757	489,934	28,389	.....	518,323
September	413,329	4,726	.....	418,055	491,952	19,701	.....	511,653
October	429,538	11,218	.....	440,756	490,486	23,204	.....	513,690
November	410,706	1,276	.....	411,982	456,957	20,422	.....	477,379
December	388,494	10,383	.....	398,877	460,053	3,895	.....	463,918
Total	4,412,285	51,722	.....	4,461,007	4,966,775	173,754	.....	5,142,529
BITUMINOUS—								
January	928,984	.....	.....	928,984	787,305	.....	.....	787,305
February	811,151	.....	.....	811,151	746,165	.....	.....	746,165
March	925,719	.....	.....	925,719	809,732	.....	.....	809,732
April	1,092,977	.....	.....	1,092,977	622,778	.....	.....	622,778
May	2,684,685	.....	.....	2,681,085	2,901,265	.....	.....	2,901,265
June	2,936,782	.....	.....	2,936,782	3,139,977	.....	.....	3,139,977
July	2,503,376	.....	.....	2,543,376	3,139,983	.....	.....	3,139,983
August	2,820,173	.....	.....	2,820,173	3,827,738	.....	.....	3,827,738
September	3,436,875	353	.....	3,437,228	3,453,868	.....	.....	3,453,868
October	2,846,713	734	5	2,847,452	2,949,347	.....	.....	2,949,347
November	2,754,294	.....	.....	2,754,294	2,569,312	.....	.....	2,569,312
December	2,098,188	.....	431	2,098,619	801,426	.....	.....	801,426
Total	25,839,917	1,087	436	25,841,440	25,748,896	.....	.....	25,748,896
LIGNITE—								
January	56	.....	.....	56	.....	.....	.....	.....
February	32	.....	.....	32	.....	.....	.....	.....
March	33	.....	.....	33	.....	.....	.....	.....
April	.....	.....	.....	.....	.....	.....	.....	.....
May	.....	.....	.....	.....	.....	.....	.....	.....
June	.....	.....	.....	.....	.....	.....	.....	.....
July	.....	.....	.....	.....	.....	.....	.....	.....
August	.....	.....	.....	.....	.....	.....	.....	.....
September	.....	30	.....	30	.....	.....	.....	.....
October	.....	40	.....	40	.....	.....	.....	.....
November	.....	.....	.....	.....	.....	.....	.....	.....
December	.....	12	.....	12	.....	.....	.....	.....
Total	173	30	.....	203	.....	.....	.....	.....

NOTE.—Imports of briquettes are included with bituminous coal for Jan., Feb. and Mar., 1948. Imports of briquettes are excluded after Mar., 1948.

Briquettes not included in this Table amounted to 258,470 tons in 1947, 162,723 tons in 1948.

Included
with
bituminous
coal

Table 23.—Summary Coal Statistics for 1947—Output, Exports, Interprovincial Shipments, Imports* and Coal made Available for Consumption in Canada, by Provinces and Kinds

Province	Canadian coal				Imported coal			Coal available for consumption
	Output	Received from other prov.	Shipped to other prov.	Exported	From U.S.A.	From Great Britain	From other countries	
(Short tons)								
PRINCE EDWARD ISLAND—								
Anthracite.....					5,808			5,808
Bituminous.....		77,381		30	720			78,071
Total.....		77,381		30	6,528			83,879
NOVA SCOTIA—								
Anthracite.....					36,432	1,342		37,774
Bituminous.....	4,118,196		1,100,665	348,826	145,693	390	431	2,815,289
Total.....	4,118,196		1,100,665	348,826	182,125	1,722	431	2,852,983
NEW BRUNSWICK—								
Anthracite.....					49,178			49,178
Bituminous.....	345,194	490,300	3,243	44,994	67,972	353		853,582
Total.....	345,194	490,300	3,243	44,994	117,150	353		901,760
QUEBEC—								
Anthracite.....					1,388,590	47,387		1,435,977
Bituminous.....	536,227				6,059,626			6,594,661
Sub-bituminous.....	42							42
Total.....	536,269				1,192	7,448,216	47,387	8,030,680
ONTARIO—(†)								
Anthracite.....					2,021,418	2,993		2,924,411
Bituminous.....	51,531				215	19,536,887		19,588,203
Sub-bituminous.....	111,176							111,176
Lignite.....	15,680							15,680
Total.....	178,387				215	22,458,305	2,993	22,639,470
MANITOBA—								
Anthracite.....								10,787
Bituminous.....	449,130			295	25,792	354		474,981
Sub-bituminous.....	326,408							326,408
Lignite.....	892,180			84	5			892,180
Total.....	1,667,718				379	36,594	354	1,704,287
SASKATCHEWAN—								
Anthracite.....								237,368
Bituminous.....	237,612				804	560		1,256,393
Sub-bituminous.....	1,256,308							655,776
Lignite.....	1,571,147		907,860	7,551	40			
Total.....	1,571,147	1,494,005	907,860	8,355	600			2,149,537
ALBERTA—								
Anthracite.....						11		11
Bituminous.....	4,835,371	26,500	1,177,799	501	808			3,681,377
Sub-bituminous.....	3,235,059		1,953,379		506			1,281,680
Lignite.....								(506)
Total.....	8,070,430	26,500	3,131,178	1,007	817			4,965,562
BRITISH COLUMBIA—								
Anthracite.....						51		51
Bituminous.....	1,763,899	639,902	229,176	309,539	1,840			1,866,986
Sub-bituminous.....		259,360						259,360
Lignite.....						128	30	158
Total.....	1,763,899	899,322	229,176	309,539	2,019	30		2,126,555
YUKON—								
Bituminous.....		2,240			12	21		5
Lignite.....								
Total.....		2,240			12	21		5
Canada—								
Anthracite.....					4,412,285	51,722		4,464,007
Bituminous.....	11,062,660			706,408	25,839,917	1,087	436	36,197,692
Sub-bituminous.....	3,235,059							3,235,059
Lignite.....	1,571,147			8,141	173	30		1,563,209
Total.....	15,868,866				714,549	36,252,375	52,839	436
								45,459,967

* Direct imports into each province. (†) Includes Head of Lakes.

Note.—In addition to the above, 258,479 tons of briquettes were imported from the United States, making total coal available for consumption 45,718,446 tons.

Table 24.—Summary Coal Statistics for 1948—Output, Exports, Interprovincial Shipments, Imports* and Coal made available for Consumption in Canada, by Provinces and Kinds

Province	Canadian coal			Imported coal		Available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported	From U.S.A.	
(short tons)						
PRINCE EDWARD ISLAND— Bituminous.....	99,849					99,849
Total.....	99,849					99,849
NOVA SCOTIA— Anthracite.....						
Bituminous.....	6,430,901		2,551,962	467,452	4,516	32,414
Total.....	6,430,901		2,551,962	467,452	4,516	32,414
3,416,093						
NEW BRUNSWICK— Anthracite.....					1,218	21,188
Bituminous.....	522,136	716,384	258	43,040	338	1,195,560
Total.....	522,136	716,384	258	43,040	1,556	1,216,748
3,448,507						
QUEBEC— Anthracite.....					1,615,678	123,370
Bituminous.....	1,735,987			109	4,876,616	1,739,048
Sub-bituminous.....		58				6,612,494
Total.....	1,736,045			109	6,492,294	58
123,370						
ONTARIO†— Anthracite.....					3,344,566	3,344,566
Bituminous.....	107,649			106	20,789,624	20,897,167
Sub-bituminous.....	100,223					100,223
Lignite.....	33,548					33,548
Total.....	241,420			106	24,134,190	24,375,504
MANITOBA— Anthracite.....					3,197	3,197
Bituminous.....	436,287			125	57,520	493,682
Sub-bituminous.....	353,330					353,330
Lignite.....	911,754					911,754
Total.....	1,701,371			125	80,717	1,761,963
SASKATCHEWAN— Bituminous.....	198,147				485	198,632
Sub-bituminous.....	1,191,166					1,191,166
Lignite.....	1,589,172		945,302	1,485		642,385
Total.....	1,589,172	1,389,313	945,302	1,485	485	2,032,183
ALBERTA— Bituminous.....	4,934,458	50,630	1,260,270	298,311		3,426,507
Sub-bituminous.....	3,188,797		1,928,170	456		1,260,171
Total.....	8,123,255	50,630	3,188,440	298,767		4,686,678
BRITISH COLUMBIA AND YUKON— Anthracite.....					2,116	2,116
Bituminous.....	1,784,135	679,453	211,896	203,608	19,797	2,067,881
Sub-bituminous.....		283,393				283,393
Total.....	1,784,135	902,846	211,896	203,608	21,913	2,353,300
Canada— Anthracite.....					4,966,775	5,142,529
Bituminous.....	13,671,720			1,012,751	25,748,896	38,407,865
Sub-bituminous.....	3,188,797			456		3,188,343
Lignite.....	1,589,172				1,485	1,587,687
Total.....	18,449,689			1,014,692	30,715,671	48,326,422

(*) Direct imports into each province.

(†) Includes Head of Lakes.

NOTE.—In addition to the above, 162,723 tons of briquettes were imported from the United States, making total coal available for consumption 48,489,145 tons.

Table 25.—Annual Consumption of Coal in Canada, 1925-1948

Calendar year	Canadian*		Imported coal "entered for consumption"				Total	Per capita
			From U.S.A.	From Great Britain	Total†			
	Short tons	%	Short tons	Short tons	Short tons	%	Short tons	
1925.....	12,125,290	42.6	15,744,957	604,117	16,331,971	57.4	28,457,261	3.062
1926.....	15,086,296	47.7	16,204,405	287,299	16,505,555	52.3	31,651,851	3.349
1927.....	15,944,983	46.7	17,266,434	907,220	18,177,303	53.3	34,122,286	3.541
1928.....	16,487,807	50.0	15,830,668	682,755	16,515,582	50.0	33,863,389	3.356
1929.....	16,387,401	48.0	16,780,452	843,502	17,724,132	52.0	34,111,593	3.401
1930.....	14,052,671	43.3	16,071,933	1,144,861	18,412,039	56.7	32,464,710	3.180
1931.....	11,082,779	47.7	11,793,798	987,442	12,829,327	52.3	24,511,106	2.362
1932.....	11,212,701	48.0	9,889,866	1,727,716	11,654,492	51.0	22,867,193	2.177
1933.....	11,456,273	51.5	8,865,935	1,942,875	10,808,062	48.5	22,265,235	2.085
1934.....	13,236,406	51.1	10,580,710	1,981,116	12,651,168	48.9	25,887,571	2.392
1935.....	13,306,303	53.1	9,618,518	1,822,500	11,735,835	46.9	25,042,138	2.290
1936.....	14,508,652	53.3	10,801,643	1,408,656	12,719,515	46.7	27,228,167	2.469
1937.....	15,172,729	51.5	12,574,574	1,211,052	14,268,585	48.5	29,441,314	2.648
1938.....	13,800,094	52.3	10,834,912	1,257,887	12,573,872	47.6	26,373,966	2.365
1939.....	14,902,915	50.6	12,923,358	1,099,419	14,564,679	49.4	29,467,594	2.615
1940.....	16,666,234	49.5	15,509,778	1,514,455	17,036,090	50.5	33,702,324	2.960
1941.....	17,227,151	46.2	19,332,479	693,902	20,026,082	53.8	37,253,233	3.238
1942.....	17,725,761	42.0	24,140,841	388,948	24,529,361	58.0	42,255,122	3.626
1943.....	16,321,006	37.1	27,303,776	391,475	27,695,098	62.9	44,016,104	3.727
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	25,039,541	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

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

†Includes small tonnages from countries other than Great Britain and the United States. Deductions have been made to take account of foreign coal re-exported from Canada and bituminous coal ex-warehouse for ships' stores. Imports of briquettes are not included in this Table, but are shown separately in Table 34.

Table 26.—Coke made Available for Consumption in Canada, with the Coal Equivalent of the Imported Coke, 1925-1948

Year	Output	Imports	Exports	Coke made available for consumption	Coal equivalent of imported coke†
				(short tons)	
1925	1,546,730	852,427	25,578	2,373,588	1,311,405
1926	2,027,058	988,034	41,699	2,973,393	1,520,051
1927	2,026,438	772,235	74,109	2,724,564	1,188,053
1928	2,314,127	1,060,029	25,058	3,349,095	1,630,812
1929	2,677,581	1,226,853	25,208	3,870,226	1,887,464
1930	2,395,994	1,081,040	29,801	3,417,233	1,632,368
1931	1,832,700	733,274	20,905	2,545,069	1,128,113
1932	1,837,701	651,802	15,466	2,274,034	1,002,771
1933	1,772,184	644,075	5,199	2,411,040	990,884
1934	2,243,420	930,221	7,396	3,166,245	1,431,108
1935	2,257,601	532,926	20,649	2,769,881	810,885
1936	2,404,793	612,858	18,215	2,998,436	942,858
1937	2,570,385	417,733	36,859	2,951,159	642,666
1938	2,352,003	414,682	30,537	2,736,148	637,972
1939	2,401,095	435,871	48,114	2,797,852	670,570
1940	3,015,394	719,338	35,523	3,699,209	1,106,670
1941	3,145,715	614,417	40,167	3,710,965	945,257
1942	3,265,549	719,910	44,764	3,940,695	1,107,554
1943	3,551,773	941,066	48,256	4,444,583	1,440,332
1944	4,017,696	813,460	42,588	4,788,568	1,252,728
1945	3,012,320	1,250,548	38,665	5,124,203	1,925,844
1946	3,363,109	909,111	47,434	4,224,786	1,400,031
1947	3,514,151	563,305	106,552	3,970,904	866,600
1948	3,946,101	561,903	167,299	4,340,705	865,331

†The estimated quantity of coal carbonized to produce this coke.

Table 27.—Canada's Coal Supply and the Coal Equivalent of Other Mineral Fuels and Water Power Used

Year	Coal				Coke from coal	Natural Gas (b)	Fuel and Gas Oils and Engine Distil- late (c)	Gaso- line Sales (d)	Kero- sene (e)	Water Power	
	Bituminous		Lignite								
	Antha- cite Im- ported*	Can- di- ant	Im- ported*†	Can- di- ant	Im- ported*‡	Im- ported*‡				Equivalent	Pounds of coal per kilo- watt hour (f)
(Thousands of short tons)											
1935	3,443	12,386	8,288	920	5	633	990	3,602	3,261	104	16,801
1936	3,419	13,502	9,296	1,007	5	642	1,125	3,759	3,565	195	18,210
1937	3,488	14,131	10,779	1,042	1	472	1,288	3,940	4,100	167	18,479
1938	3,476	12,794	9,095	1,006	3	392	1,338	4,137	4,450	172	18,240
1939	4,288	13,957	10,273	946	3	512	1,407	4,539	4,706	223	19,364
1940	3,944	15,573	13,089	1,094	2	670	1,649	5,328	5,182	182	19,029
1941	3,853	15,891	16,172	1,336	1	660	1,740	5,807	5,424	184	22,025
1942	4,912	16,418	19,617	1,307	.....	775	1,828	5,883	5,142	198	20,061
1943	4,480	14,654	23,215	1,667	.....	921	1,771	5,901	5,303	239	28,733
1944	4,453	14,287	23,713	1,374	.....	813	1,802	6,400	5,644	245	26,942
1945	3,413	13,710	21,108	1,518	1	1,244	1,936	6,636	5,416	287	26,362
1946	4,631	14,983	21,109	1,520	.....	901	1,916	8,237	7,009	196	25,321
1947	4,282	13,117	24,180	1,557	.....	573	2,106	10,691	7,928	267	27,717
1948	5,245	15,356	25,195	1,572	15	544	2,265	11,324	8,772	280	27,716

*Entered for consumption. †Sum of sales by Canadian coal mines, colliery consumption, coal supplied to employees and coal used in making coke, etc., less the tonnage exported. ‡Deductions have been made to take account of foreign coal re-exported from Canada and bituminous coal ex-warehouse for ships' stores.

(a) Tonnage imported into Canada "Entered for consumption." Based on 1 ton coal = 1 ton coke. (b) Based on 1 ton of coal = 25 M cu. ft. of natural gas. (c) Based on 1 ton of coal = 151 imperial gallons of fuel and gas oils. (d) Based on 1 ton of coal = 173 imperial gallons of gasoline. (e) Based on 1 ton of coal = 160 imperial gallons of kerosene. (f) Based on the United States average as reported by the Edison Electric Institute.

1400 7/2/1948
2037

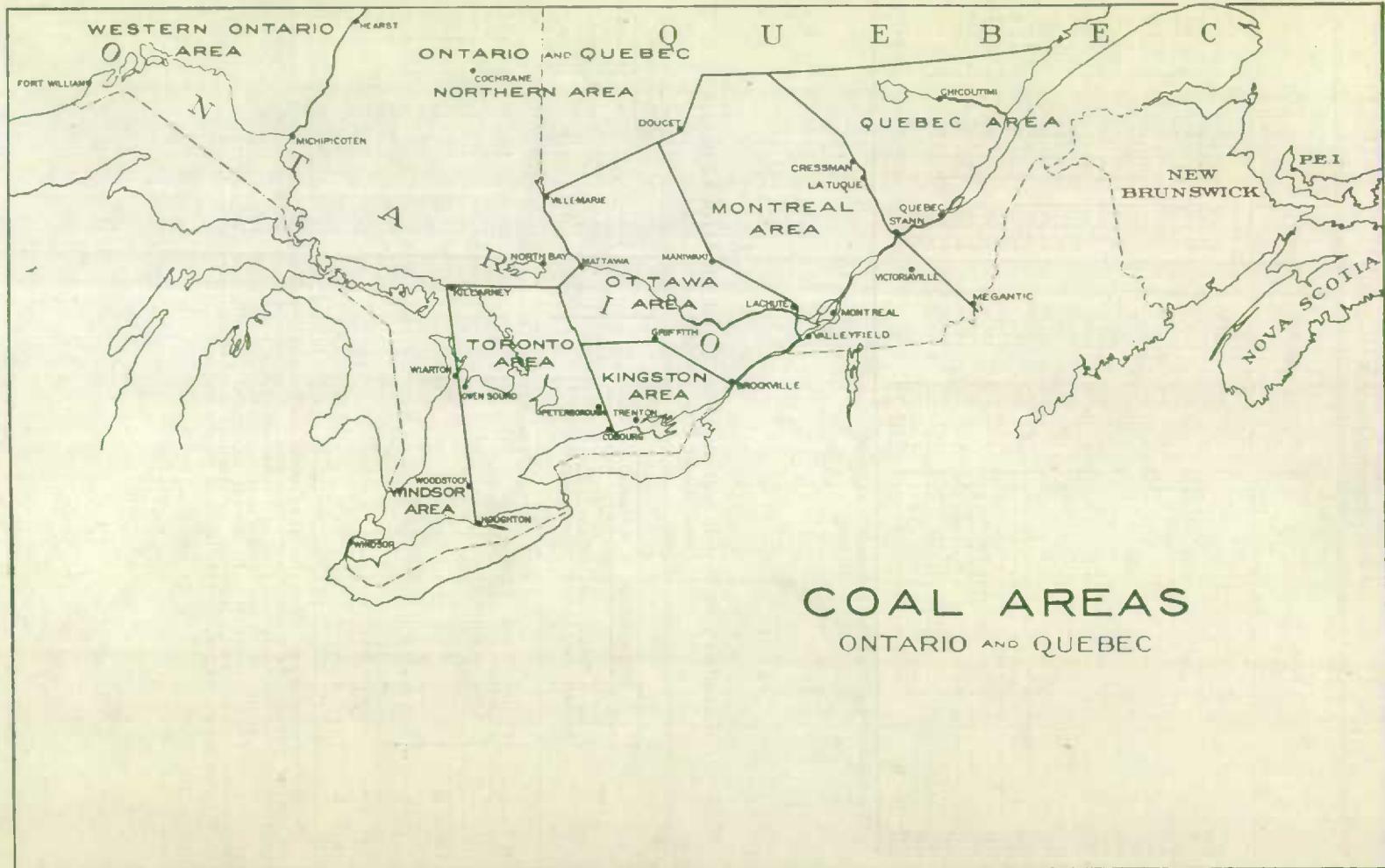


Table 28.—Sales of Coal and Coke by Retail Fuel Dealers in Canada, 1947 and 1948.

	Canada, 1947 and 1948	
	1947	1948
(short tons)		
ANTHRACITE—		
United States—Pea and larger.....	3,555,658	3,712,874
Other sizes.....	646,476	632,648
United Kingdom—Pea and larger.....	6,212	50,999
Other sizes.....	63,611	101,862
BITUMINOUS—		
United States—		
Low volatile—Slack.....	65,025	47,974
Stoker.....	127,655	138,224
Other sizes.....	416,188	391,864
High volatile—Slack.....	901,296	850,170
Stoker.....	1,093,891	1,209,212
Other sizes.....	721,117	672,977
Miscellaneous—Including briquettes.....	244,112	249,981
Canadian—Bituminous.....	1,260,717	1,544,696
Domestic and lignite.....	3,159,582	3,086,782
Briquettes.....	173,352	101,856
Coke from coal.....	678,472	545,113
Petroleum coke.....	3,793	2,204
Total coal and coke.....	13,117,157	13,429,436

Table 29.—Stocks of Coal and Coke Held by Retail Fuel Dealers in Canada on December 31, 1947 and 1948

	Dec. 31, 1947	Dec. 31, 1948
(short tons)		
ANTHRACITE—		
United States—Pea and larger.....	287,537	402,779
Other sizes.....	84,216	75,444
United Kingdom—Pea and larger.....		10,015
Other sizes.....		5,233
BITUMINOUS—		
United States—		
Low volatile—Slack.....	3,636	5,105
Stoker.....	26,399	23,657
Other sizes.....	50,509	81,255
High volatile—Black.....	200,932	232,377
Stoker.....	153,666	235,885
Other sizes.....	151,983	212,236
Miscellaneous—Including briquettes.....	28,848	41,261
Canadian—Bituminous.....		64,027
Domestic and lignite.....		167,718
Briquettes.....	22,813	30,094
Coke from coal.....	96,278	62,932
Petroleum.....	42	837
Total coal and coke.....	1,343,837	1,700,682

Table 30.—Consumption of Coal and Coke reported by Industrial Consumers (*) in Canada, 1947 and 1948 (Short tons)

	1947	1948
(short tons)		
ANTHRACITE—		
Pea and larger.....	31,088	29,478
Other sizes.....	120,922	143,695
BITUMINOUS—		
United States—		
Low volatile—Slack.....	396,242	314,354
Stoker.....	32,648	42,128
Other sizes.....	53,859	48,404
High volatile—Slack.....	4,935,987	5,175,724
Stoker.....	796,814	877,844
Other sizes.....	1,085,219	1,243,644
Canadian Bituminous.....		2,083,669
Domestic and lignite.....		946,148
Coke—From coal.....	2,888,622	3,144,246
Petroleum.....	282,674	293,792
Total coal and coke.....	13,653,892	15,169,723

*Does not include firms using less than 500 tons of coal per annum.

†Figures for foundries using less than 500 tons of coal per annum are not included.

Table 31.—Consumption of Fuel by Locomotives in Freight Service in Canada, 1930-1948
 (Compiled in the *Transportation Branch*)

Year	Gross Ton Miles	Tons of Fuel Consumed (Freight and Mixed Trains)
(000's omitted)		
1930.....	77,579,074	4,846,629
1931.....	66,880,820	4,104,608
1932.....	58,927,617	3,641,030
1933.....	54,352,628	3,394,803
1934.....	62,070,905	3,847,166
1935.....	63,983,127	3,903,540
1936.....	70,218,463	4,151,667
1937.....	73,058,630	4,285,395
1938.....	70,138,704	4,010,725
1939.....	79,391,714	4,371,179
1940.....	93,685,791	5,121,671
1941.....	119,226,172	6,445,877
1942.....	128,438,970	7,060,302
1943.....	139,176,913	7,855,328
1944.....	145,741,150	7,926,430
1945.....	140,977,872	7,525,372
1946.....	128,311,938	7,559,484
1947.....	138,329,929	8,100,724
1948.....	136,408,916	8,322,476

*Represents number of miles one ton of coal would move one ton of freight (including weight of car).

Table 32.—Annual Consumption of Coal by Railroad Locomotives in Canada, 1930-1948
 (Compiled in the *Transportation Branch*)

Year	Anthracite		Bituminous		Total	
	Short tons	Value	Short tons	Value	Short tons	Value
1930.....	7,062	\$ 33,249	8,251,167	\$ 36,292,562	8,258,229	\$ 36,425,811
1931.....	3,336	14,763	6,858,772	29,601,134	6,862,105	29,765,897
1932.....	1,934	7,578	5,955,085	25,101,489	5,957,019	25,109,067
1933.....	1,665	6,490	5,521,052	22,145,931	5,522,717	22,152,421
1934.....	1,625	6,702	6,109,367	25,589,597	6,110,392	25,596,298
1935.....	1,544	6,417	6,144,550	26,333,312	6,146,091	26,339,729
1936.....	1,790	8,627	6,584,233	28,153,451	6,586,023	28,162,078
1937.....	1,503	10,604	6,766,955	29,350,076	6,768,458	29,360,680
1938.....	1,641	12,077	6,366,101	27,940,556	6,367,742	27,952,633
1939.....	917	6,358	6,868,202	28,850,410	6,867,119	28,956,768
1940.....	319	2,178	7,817,575	33,386,333	7,817,591	33,394,511
1941.....			9,536,404	43,131,912	9,536,101	43,131,912
1942.....			10,613,774	51,780,776	10,613,774	51,780,776
1943.....			11,987,240	66,102,994	11,987,240	66,102,994
1944.....			11,992,541	73,771,444	11,992,541	73,771,444
1945.....			12,083,591	75,285,220	12,083,591	75,285,220
1946.....			11,631,869	71,944,829	11,631,869	71,944,829
1947.....			12,330,615	85,289,633	12,330,615	85,289,633
1948.....			12,421,672	97,430,841	12,421,672	97,430,841

NOTE:—Employees, Salaries and Wages - - - - -

See Table 165.

Fuel and Electricity used - - - - - See Tables 173 and 174.

Average value of coal; Labour and Fuel cost - - - - - See Table 175.

Power employed - - - - - See Tables 176 and 177.

BRIQUETTES

Briquettes are produced in Canada by four plants located in Western Canada,—Brazeau Collieries Ltd., Nordegg, Alberta; The Canmore Mines Ltd., Canmore, Alberta; West Canadian Collieries, Blairmore, Alta., and Dominion Briquettes and Chemicals Ltd., Bénefait, Sask.

Figures on imports of briquettes are available only for the years 1945 and onwards, as prior to that time imports of briquettes were included with imports of bituminous coal.

Table 33.—Production of Briquettes in Canada, by months, 1945-1948.

	1945	1946	1947	1948
(Short tons)				
January.....	29,215 ¹	30,280	26,433	17,226
February.....	27,822	29,441	19,518	9,697
March.....	29,222	28,982	23,242	28,759
April.....	28,756	27,216	27,124	32,531
May.....	27,535	32,631	29,523	31,410
June.....	27,313	26,235	26,277	35,651
July.....	21,077	27,632	23,502	23,258
August.....	24,028	23,811	25,534	31,386
September.....	22,030	21,518	24,179	26,878
October.....	13,188	20,723	27,518	40,588
November.....	28,151	26,262	32,475	40,606
December.....	24,938	25,972	35,126	38,106
Total.....	364,175	329,703	329,451	356,193

Table 34.—Imports of Briquettes into Canada, by Provinces, 1945-1948

	1945	1946	1947	1948*
(Short tons)				
Prince Edward Island.....	502	1,889	.....	.....
Nova Scotia.....	8,973	8,799	.....	.....
New Brunswick.....	84	687	2,340	.....
Quebec.....	20,349	11,027	17,070	5,412
Central Ontario.....	83,678	96,651	131,925	109,898
Manitoba and Head of Lakes.....	38,324	67,095	94,317	37,524
Saskatchewan.....	.....	.....	.....	.....
Alberta.....	.....	2,139	9,889	.....
British Columbia.....	.....	.....	.....	.....
Canada.....	142,435	182,935	258,479	162,723

*Nine months

Imports of briquettes are included with bituminous coal for Jan., Feb. and Mar., 1948.

Table 35.—Average Calorific Values of Various Solid and Liquid Fuels
(From the Bureau of Mines, Ottawa)

	Rough Average B.T.U. Values per Pound*	B.T.U. per Imperial Gallon
British Anthracite—		
Welsh.....	14,300	.....
Scotch.....	14,000	.....
Other (European and Asiatic) Anthracites—		
Westphalian.....	14,300	.....
Belgian.....	14,300	.....
Russian.....	13,500	.....
French Indo-China.....	13,200	.....
American (U.S.A.) Anthracites—		
Pennsylvania (stove size).....	13,200	.....
Pennsylvania (buckwheat).....	12,900	.....
U.S.A. Bituminous Coal—		
First Grade—7% Ash (for coke making).....	14,000	.....
Second Grade—10% Ash (for steam raising).....	13,000	.....
Canadian Coals—		
Bituminous, 1st grade	14,000	.....
Bituminous, 2nd grade	13,000	.....
Bituminous, 3rd grade	11,000 to 12,000	.....
Maritime Provinces, British Columbia and Alberta.....	10,000 to 11,500	.....
Sub-bituminous—Alberta and British Columbia.....	7,500 to 10,000	.....
Lignite-Domestic—Alberta and British Columbia.....	6,500 to 7,500	.....
Lignite—Saskatchewan.....	.....	.....
Fuel Oil—		
Industrial 0.933 Specific gravity.....	19,000	177,500
Kerosene—Stove Oil—0.819 Specific gravity.....	19,800	162,000
Light Furnace Oil—0.855 Specific gravity.....	19,550	187,000
Gasoline (average for Canada), 0.740 Specific gravity.....	20,250	150,000

*These are rough average values for coals as delivered to the consumer.

Table 36.—Coal Balance for the Fiscal Year Ended March 31, 1949.

(Supplied by the Dominion Coal Board)

	Stocks on March 31, 1949	Stocks on March 31, 1948	Change In Stocks
	(short tons)		
A. STOCKS—			
1. Canadian Bituminous Coal—			
Industrial users.....	716,000	538,000	+ 178,000
Retail dealers.....	256,000	132,000	+ 124,000
Dock operators.....	136,000	63,000	+ 73,000
Coke and gas plants.....	35,000	17,000	+ 18,000
Railways.....	929,000	724,000	+ 205,000
Bunkers.....	3,000	2,000	+ 1,000
On Bank.....	671,000	683,000	- 12,000
Total.....	2,746,000	2,159,000	+ 587,000
2. U.S. Bituminous Coal—			
Industrial users.....	2,203,000	1,919,000	+ 244,000
Retail dealers.....	502,000	271,000	+ 231,000
Dock operators.....	1,233,000	488,000	+ 750,000
Coke and gas plants.....	749,000	773,000	- 24,000
Railways.....	2,146,000	1,050,000	+ 106,000
Bunkers.....	43,000	8,000	+ 35,000
Total.....	6,881,000	5,409,000	+ 1,472,000
3. U.S. Anthracite—			
Industrial users.....	53,000	56,000	- 3,000
Retail dealers.....	282,000	219,000	+ 63,000
Dock operators.....	73,000	77,000	- 4,000
Total.....	408,000	352,000	+ 56,000
4. British Anthracite—			
Industrial users.....	1,000	2,000	- 1,000
Retail dealers.....	12,000	2,000	+ 10,000
Dock operators.....	3,000	—	+ 3,000
Total.....	18,000	4,000	+ 12,000
5. Canadian Coke—			
Industrial users.....	109,000	110,000	- 1,000
Retail dealers.....	17,000	18,000	- 1,000
Coke and gas plants.....	255,000	253,000	+ 2,000
Total.....	381,000	381,000	—
6. U.S. Coke—			
Industrial users.....	89,000	86,000	+ 3,000
Retail dealers.....	27,000	36,000	- 9,000
Total.....	116,000	122,000	- 6,000
7. Petroleum coke—			
Industrial users.....	129,000	98,000	+ 33,000
Retail dealers.....	6,000	5,000	+ 1,000
Coke and gas plants.....	—	—	—
Total.....	135,000	101,000	+ 34,000
8. Briquettes			
Retail dealers—Canadian.....	25,000	10,000	+ 15,000
U.S.A.....	25,000	18,000	+ 7,000
Total.....	50,000	28,000	+ 22,000
B. CONSUMPTION—			
1. Bituminous Coal—			
Domestic use—			
Retail dealers' sales.....	5,067,000	3,159,000	8,226,000
Direct from mines.....	1,033,000	—	1,033,000
Total for domestic use.....	6,100,000	3,159,000	9,259,000
Industrial.....	4,271,000	7,390,000	11,661,000
Railway.....	4,026,000	8,829,000	12,855,000
Coke and gas.....	1,289,000	4,147,000	5,436,000
Bunker.....	276,000	371,000	647,000
Consumed at mines.....	1,134,000	—	1,134,000
Exports.....	1,226,000	—	1,226,000
Total.....	18,322,000	23,896,000	42,218,000

Table 36.—Coal Balance for the Fiscal Year Ended March 31, 1949.—Concluded.

(Supplied by the Dominion Coal Board)

	British	United States	Total
B. CONSUMPTION—Concluded			
2. Anthracite Coal—			
Domestic use (Retail dealers' sales).....	161,000	4,126,000	4,287,000
Industrial.....	5,000	170,000	175,000
Armed forces.....		15,000	15,000
Railways.....		5,000	5,000
Public buildings.....		3,000	3,000
Total.....	166,000	4,319,000	4,485,000
3. Coke—			
Domestic use:—			
Retail dealers' sales.....	168,000	121,000	3,000
Direct from coke plants.....	343,000		15,000
Total for domestic use.....	511,000	121,000	18,000
Industrial.....	2,802,000	389,000	278,000
Consumed in coke and gas plants.....	435,000		1,000
Exported.....	254,000		
Total.....	4,002,900	510,000	297,000
4. Briquettes—			
Direct.....	9,000		
Dealers.....	200,000	209,000	208,000
Railway.....		143,000	
Government purchases.....		30,000	
Industrial.....		5,000	
Total.....	387,000		208,000
C. BALANCE—			
1. Bituminous Coal—			
Produced and imported.....	19,160,000	25,027,000	44,187,000
Change in stock.....	— 587,000	— 1,472,000	— 2,059,000
Available for consumption.....	18,573,000	23,555,000	42,128,000
Reported consumed.....	18,322,000	23,896,000	42,218,000
Unaccounted for.....	+ 251,000	— 341,000	— 90,000
2. Anthracite Coal—			
Imported.....	191,000	4,584,000	4,775,000
Change in stock.....	— 12,000	— 56,000	— 63,000
Available for consumption.....	179,000	4,528,000	4,707,000
Reported consumption.....	166,000	4,319,000	4,485,000
Unaccounted for.....	+ 13,000	+ 200,000	+ 222,000
3. Coke—			
Produced and imported.....	4,018,000	515,000	383,000
Change in stock.....	+ 6,000	+ 34,000	— 28,000
Available for consumption.....	4,018,000	521,000	349,000
Reported consumption.....	4,002,000	510,000	297,000
Unaccounted for.....	+ 14,000	+ 11,000	+ 52,000
4. Briquettes—			
Produced and imported.....	418,000	211,000	629,000
Change in stock.....	— 15,000	— 7,000	— 22,000
Available for consumption.....	403,000	204,000	607,000
Reported consumption.....	387,000	208,000	595,000
Unaccounted for.....	+ 10,000	+ 4,000	+ 12,000

Table 37.—Employment at Coal Mines in Canada, 1945-1948

	1945	1946	1947	1948
Average number of employees—				
Surface.....	5,901	6,039	5,866	6,448
Underground.....	19,024	19,448	16,361	17,871
Total.....	24,925	25,487	22,227	24,319
Man-days worked—				
Surface.....	1,598,452	1,651,324	1,350,050	1,497,257
Underground.....	4,571,573	4,665,775	3,465,726	4,008,365
Total.....	6,170,025	6,317,099	4,815,776	5,505,622
Average number of man-days worked during year—				
By surface employees.....	271	273	230	232
By underground employees.....	240	240	212	224
By all employees.....	248	248	217	226

Table 38.—Employment at Coal Mines in Canada, by Months and by Provinces, 1945-1948

Month and year	Nova Scotia	New Brunswick	Saskatchewan	Alberta	British Columbia	Yukon†	Canada
January.....	1945	13,111	897	816	8,932	2,664	26,420
	1946	13,075	812	630	9,330	2,540	26,396
	1947	13,763	810	599	9,313	2,468	26,953
	1948	12,134	787	590	9,340	2,261	(23) 25,112
February.....	1945	13,042	898	736	8,767	2,654	26,097
	1946	13,110	797	555	9,226	2,545	26,233
	1947	13,258	834	587	9,182	2,466	26,307
	1948	12,054	803	593	8,220	1,310	(18) 22,980
March.....	1945	12,940	887	629	8,393	2,619	25,468
	1946	13,331	797	516	8,709	2,528	25,881
	1947	1,774	181	524	8,945	2,424	13,848
	1948	12,083	814	555	8,758	1,312	(22) 23,522
April.....	1945	12,887	859	519	7,765	2,560	24,590
	1946	13,360	767	384	8,106	2,398	25,015
	1947	1,647	79	405	8,401	2,414	12,946
	1948	12,147	807	443	8,375	2,207	(25) 23,979
May.....	1945	12,831	859	490	7,597	2,535	24,312
	1946	13,253	784	371	7,980	2,387	21,775
	1947	9,311	70	375	8,068	2,299	20,123
	1948	12,031	880	367	8,137	2,260	(28) 23,675
June.....	1945	12,534	840	457	7,588	2,525	23,944
	1946	13,265	813	374	8,044	2,347	24,843
	1947	11,378	791	379	8,126	2,275	22,949
	1948	12,113	843	282	8,120	2,317	(28) 23,675
July.....	1945	12,386	813	410	7,749	2,404	23,822
	1946	13,176	822	337	8,143	2,284	24,762
	1947	11,513	883	379	8,164	2,197	23,136
	1948	12,108	844	289	8,268	2,571	(30) 24,090
August.....	1945	12,321	809	428	7,760	2,481	23,799
	1946	13,135	828	413	8,176	2,280	24,832
	1947	11,479	837	402	8,308	2,369	23,394
	1948	11,917	804	337	8,622	2,415	(33) 23,095
September.....	1945	12,453	776	450	7,811	2,459	23,919
	1946	13,325	806	497	8,082	2,234	21,931
	1947	11,605	817	449	8,412	2,239	23,522
	1948	11,912	819	413	8,836	2,422	(31) 21,492
October.....	1945	12,468	784	579	8,246	2,404	24,481
	1946	13,232	834	573	8,482	2,326	25,447
	1947	11,643	836	557	8,852	2,264	21,152
	1948	11,921	833	500	9,327	2,384	(26) 24,965
November.....	1945	13,053	792	630	8,978	2,516	25,969
	1946	13,451	851	604	9,137	2,409	26,152
	1947	11,757	849	613	9,331	2,299	24,849
	1948	12,019	870	487	9,848	2,378	25,602
December.....	1945	13,169	805	629	9,127	2,521	26,251
	1946	13,054	852	594	9,349	2,439	26,281
	1947	11,410	823	616	7,423	2,295	24,537
	1948	12,091	884	273	9,326	2,395	25,733
Average.....	1945	12,767	834	565	8,323	2,536	24,925
	1946	13,231	814	486	8,563	2,393	25,187
	1947	10,045	651	489	8,710	2,332	22,227
	1948	12,044	832	428	8,806	2,186	24,319

† Employees in Yukon Territory mine are included in December figures. Actual numbers employed from January to October are shown in brackets, but are not included in Canada totals for those months.

Table 39.—Employment and Days' Work Done, by Months, at Coal Mines in Canada, 1947 and 1948

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
1947						
January.....	6,393	20,560	26,953	143,855	433,968	577,823
February.....	6,274	20,033	26,307	104,438	258,555	362,993
March.....	4,540	9,308	13,848	90,791	177,943	268,734
April.....	4,186	8,760	12,946	77,982	163,060	241,912
May.....	5,237	14,586	20,123	83,699	174,119	257,818
June.....	5,794	17,155	22,949	102,192	263,196	365,388
July.....	5,893	17,243	23,136	110,520	314,088	421,608
August.....	6,215	17,180	23,395	113,553	277,905	391,163
September.....	6,178	17,344	23,522	124,734	340,942	463,676
October.....	6,477	17,675	24,152	134,408	367,633	502,841
November.....	6,651	18,198	24,849	131,553	341,296	472,849
December.....	6,550	17,987	21,537	132,315	352,121	481,136
Total.....				1,350,050	3,465,726	4,815,776
1948						
January.....	6,487	18,625	25,112	111,604	294,257	405,861
February.....	5,928	17,052	22,980	91,965	258,582	358,517
March.....	6,064	17,458	23,522	120,337	347,414	467,751
April.....	5,986	17,993	23,979	121,620	370,032	491,652
May.....	5,991	17,684	23,675	116,222	332,481	448,763
June.....	6,126	17,549	23,675	121,687	340,575	462,262
July.....	6,507	17,573	21,050	125,831	326,312	452,143
August.....	6,550	17,545	21,095	126,519	292,054	418,573
September.....	6,695	17,700	21,402	132,958	344,525	477,483
October.....	6,963	18,002	21,965	141,143	352,035	493,178
November.....	7,042	18,560	25,602	143,225	376,172	519,397
December.....	7,021	18,712	25,733	144,136	373,026	518,062
Total.....				1,497,217	4,008,363	5,565,612

Table 40.—Employment at Coal Mines in Canada, by Classes and by Provinces, 1947

Classification	Province					Canada		
	Nova Scotia	New Brunswick	Saskatchewan	Alberta	British Columbia	Surface	Under-ground	Total
UNDERGROUND MINES								
Mine manager, underground manager, overman, pit bosses, fire bosses, foremen, etc.....	275	17	8	387	150	226	611	\$37
Administrative and office staff.....	153	15	12	237	50	467	.....	467
Foremen and other officials on wages.....	636	5	6	235	28	103	807	910
Miners; all men on hand and mechanical production	2,739	336	106	3,272	881	.....	7,334	7,334
Maintenance; timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics.....	2,846	17	24	902	232	420	3,601	4,021
Transportation; drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen.....	1,814	22	47	1,202	422	308	3,199	3,507
Tipple, preparation and shipping.....	438	23	15	741	204	1,424	.....	1,424
Powerhouse, boilers and shops.....	299	2	11	451	101	864	.....	864
Miscellaneous.....	818	54	18	538	185	863	810	1,613
STRIP MINES								
(Includes employees of contractors)								
Salaried employees.....	2	15	27	106	8	158	.....	158
Wage-earners.....	25	145	212	639	71	1,092	.....	1,092
Total for 1947.....	18,043	651	489	8,710	2,332	5,865	16,362	22,227

Table 41.—Employment at Coal Mines in Canada, by Classes and Provinces, 1948

Classification	Province						Canada		
	Nova Scotia	New Brunswick	Saskatchewan	Alberta	British Columbia	Yukon	Surface	Under-ground	Total
UNDERGROUND MINES									
Mine manager, underground manager, overman, pit bosses, foremen, etc.....	533	22	4	395	131	1	252	834	1,886
Administrative and office staff.....	160	16	6	235	45	1	463	.....	463
Foremen and other officials on wages.....	396	7	3	231	40	.....	92	585	677
Mines; all men on hand and mechanical production.....	3,446	434	72	3,101	793	7	.....	7,943	7,943
Maintenance; timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics.....	3,431	27	11	925	212	1	410	4,167	4,607
Transportation; drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen.....	2,181	32	23	1,247	368	1	323	3,529	3,852
Tipple, preparation and shipping.....	516	25	10	787	230	8	1,576	.....	1,576
Powerhouse, boilers and shops.....	346	1	6	457	111	.....	921	.....	921
Miscellaneous.....	989	65	8	362	64	4	679	813	1,492
STRIP MINES									
(Includes employees of contractors)									
Salaried employees.....	3	19	34	131	31	.....	218	.....	218
Wage-earners.....	43	184	251	845	161	.....	1,484	.....	1,484
Total for 1948.....	12,641	832	428	8,806	2,186	23	6,448	17,871	24,319

Table 42.—Average Output of Coal per Man-Day in Canada, by Provinces and Districts, 1947 and 1948

—	1947			1948		
	Number of man-days	Output	Average output per man-day	Number of man-days	Output	Average output per man-day
NOVA SCOTIA—		Short tons	Short tons		Short tons	Short tons
Cape Breton.....	1,487,363	3,071,135	2.064	2,124,716	4,902,336	2.307
Cumberland.....	280,461	541,807	1.932	374,471	778,326	2.078
Inverness.....	53,600	85,242	1.588	74,077	98,418	1.328
Pictou.....	259,382	420,012	1.610	351,498	651,911	1.854
Total.....	2,080,876	4,118,196	1.970	2,924,762	6,430,901	2.198
NEW BRUNSWICK.....	150,902	345,104	2.287	215,639	522,136	2.421
SASKATCHEWAN.....	119,067	1,571,147	13.195	98,974	1,589,172	16.056
ALBERTA—						
Bituminous—						
Cascade.....	67,297	281,665	4.185	70,663	337,503	4.776
Coalspur.....	166,980	752,244	4.505	151,120	782,206	5.176
Crowsnest.....	499,228	1,968,070	3.942	476,493	1,915,350	4.019
Halcourt.....	638	923	1.446	284	633	2.310
Highwood.....				690	1,001	1.451
Lethbridge.....	139,542	462,322	3.313	128,588	395,647	3.077
Mountain Park.....	211,644	954,849	4.511	206,748	1,121,553	5.425
Morley.....	507	1,573	3.102	383	915	2.389
Nordegg.....	73,317	343,720	4.688	74,572	319,418	4.283
Pekisko.....	1,055	3,387	3.210	1,568	4,200	2.678
Pincher.....	469	681	1.452	780	607	0.894
Prairie Creek.....	1,107	595	0.537	741	853	1.151
Saunders.....	29,869	65,342	2.187	26,734	54,482	2.038
Total bituminous.....	1,191,653	4,835,371	4.057	1,139,364	4,934,458	4.331

Table 42.—Average Output of Coal per Man-Day in Canada, by Provinces and Districts, 1947 and 1948—Concluded

	1947			1948		
	Number of man-days	Output	Average output per man-day	Number of man-days	Output	Average output per man-day
ALBERTA—Cone.						
Sub-bituminous—						
Ardley.....	1,950	15,415	7.800	2,623	23,841	9.089
Big Valley.....	5,351	14,230	2.650	6,942	18,344	2.642
Brooks.....	17,452	134,643	7.715	22,272	135,826	6.008
Camrose.....	19,533	83,512	4.275	15,379	102,918	6.682
Carbon.....	18,479	70,786	3.836	17,424	66,685	3.827
Castor.....	15,531	71,376	4.595	19,651	104,154	5.300
Champion.....	3,584	7,024	2.111	3,236	6,331	1.956
Drumheller.....	481,431	1,857,461	3.855	440,175	1,682,052	3.821
Edmonton.....	130,025	492,499	3.787	90,820	436,981	4.810
Gleichen.....	6,793	14,944	2.199	7,564	14,371	1.900
Milk River.....	559	1,062	1.899	963	1,661	1.725
Pakowski.....	10	16	1.600			
Pembina.....	18,601	94,233	5.068	13,040	112,595	8.034
Redcliff.....	3,149	8,603	2.732	4,935	12,461	2.525
Rochester.....	1,161	5,748	3.568	1,488	7,207	4.843
Slave.....				106	180	1.700
Sheerness.....	6,216	54,194	8.715	6,298	56,630	8.983
Taber.....	8,502	128,447	15.107	10,059	121,097	11.991
Tofield.....	17,297	177,120	10.239	22,036	281,329	12.766
Westlock.....	283	719	2.540	590	2,212	3.749
Wetaskiwin.....	506	1,516	2.996	569	1,653	2.905
Whitecourt.....	41	231	5.634	12	60	5.000
Area not designated.....	220	330	1.500	48	189	3.938
Total Sub-bituminous.....	750,674	3,235,059	4.275	686,271	3,188,797	4.643
Total Alberta.....	1,948,327	8,070,430	4.142	1,825,635	8,123,255	4.449
BRITISH COLUMBIA—						
Crowsnest Pass.....	231,813	1,147,741	4.951	216,912	1,285,017	5.924
Inland.....	29,177	65,631	2.249	32,686	74,381	2.275
Island.....	255,614	550,527	2.154	185,972	420,936	2.263
Total.....	516,604	1,763,890	3.414	435,570	1,780,334	4.087
YUKON.....				5,042	3,801	.754
Canada.....	4,815,776	15,868,866	3.295	5,565,622	18,449,689	3.351

Table 43.—Average Output of Coal per Man-day, by Strip and Underground Mines, and by Provinces, 1947 and 1948

Province	1947			1948		
	Number of man-days	Output	Average output per man-day	Number of man-days	Output	Average output per man-day
NOVA SCOTIA—						
Strip mines.....	6,851	32,050	4.678	12,147	91,451	7.529
Underground.....	2,074,025	4,086,146	1.901	2,912,615	6,339,540	2.176
NEW BRUNSWICK—						
Strip mines.....	44,893	194,741	4.338	58,511	293,979	5.024
Underground.....	106,009	150,453	1.419	157,128	228,157	1.452
SASKATCHEWAN—						
Strip mines.....	60,556	1,256,543	20.750	60,171	1,420,362	20.534
Underground.....	58,511	314,604	5.376	29,803	168,810	5.664
ALBERTA—						
Strip mines.....	190,578	1,905,984	10.000	253,477	2,727,348	10.759
Underground.....	1,757,749	6,164,446	3.508	1,572,158	5,395,907	3.432
BRITISH COLUMBIA—						
Strip mines.....	16,643	232,054	13.943	40,563	512,422	12.633
Underground.....	499,961	1,531,845	3.064	395,007	1,267,912	3.200
YUKON—						
Underground.....				5,042	3,801	0.754
Canada—						
Strip mines.....	319,521	3,621,372	11.334	433,869	5,045,562	11.603
Underground.....	4,496,255	12,247,491	2.724	5,071,753	13,404,127	2.643
Total.....	4,815,776	15,868,866	3.295	5,565,622	18,449,689	3.351

NOTE:—Man-days worked by administrative and office staff are not included.

CHAPTER TWO
PRINCE EDWARD ISLAND

Table 44.—*Imports of Coal into Prince Edward Island, 1947 and 1948

Source	1947			1948		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
(Short tons)						
United States.....	5,808	720	6,528	.....	.....	.....
Great Britain.....	.....	.....	.....	.....	.....	.....
Total	5,808	720	6,528	.....	.....	.....

* The total tonnage of foreign coal received at Prince Edward Island ports of entry. See page 4, section 2, for explanation.

Table 45.—Summary of Coal Statistics for Prince Edward Island in 1947—Exports, Interprovincial Shipments and Imports, by Months and by Kinds, and Coal available for Consumption.

Month	Canadian coal received from other provinces	Exported	Imported from U.S.A.	Available for consumption
				(Short tons)
January—				
Anthracite.....	7,409		192	192
Bituminous.....				7,499
Total.....	7,499		192	7,691
February—				
Anthracite.....	3,699		675	675
Bituminous.....				3,699
Total.....	3,699		675	4,374
March—				
Anthracite.....			521	521
Bituminous.....			45	45
Total.....			566	566
April—				
Anthracite.....	48		340	340
Bituminous.....			316	364
Total.....	48		656	704
May—				
Anthracite.....	216		192	192
Bituminous.....			291	507
Total.....	216		483	699
June—				
Anthracite.....	7,500		180	180
Bituminous.....				7,500
Total.....	7,500		189	7,689
July—				
Anthracite.....	11,201		518	518
Bituminous.....				11,201
Total.....	11,201		518	11,719
August—				
Anthracite.....	6,256		369	369
Bituminous.....				6,256
Total.....	6,256		369	6,625
September—				
Anthracite.....	7,136		742	742
Bituminous.....			33	7,169
Total.....	7,136		775	7,911
October—				
Anthracite.....	11,685	30	772	772
Bituminous.....				11,655
Total.....	11,685	30	772	12,427
November—				
Anthracite.....	10,392		788	788
Bituminous.....			35	10,427
Total.....	10,392		823	11,215
December—				
Anthracite.....	11,749		510	510
Bituminous.....				11,749
Total.....	11,749		510	12,259
Total—				
Anthracite.....	77,381	30	5,808	5,808
Bituminous.....			729	78,071
Total.....	77,381	30	6,528	83,879

Table 46.—Summary of Coal Statistics for Prince Edward Island in 1948—Exports, Interprovincial Shipments and Imports, by Months and by Kinds, and Coal made available for Consumption.

Month	Canadian coal received from other provinces	Exported	Imported	Available for consumption
(Short tons)				
January—				
Anthracite.....	8,113			8,113
Bituminous.....				
Total.....	8,113			8,113
February—				
Anthracite.....				
Bituminous.....	8,628			8,628
Total.....	8,628			8,628
March—				
Anthracite.....				
Bituminous.....	8,093			8,093
Total.....	8,093			8,093
April—				
Anthracite.....				
Bituminous.....	4,461			4,461
Total.....	4,461			4,461
May—				
Anthracite.....				
Bituminous.....	5,504			5,504
Total.....	5,504			5,504
June—				
Anthracite.....				
Bituminous.....	4,985			4,985
Total.....	4,985			4,985
July—				
Anthracite.....				
Bituminous.....	7,299			7,299
Total.....	7,299			7,299
August—				
Anthracite.....				
Bituminous.....	6,614			6,614
Total.....	6,614			6,614
September—				
Anthracite.....				
Bituminous.....	9,219			9,219
Total.....	9,219			9,219
October—				
Anthracite.....				
Bituminous.....	11,045			11,045
Total.....	11,045			11,045
November—				
Anthracite.....				
Bituminous.....	12,473			12,473
Total.....	12,473			12,473
December—				
Anthracite.....				
Bituminous.....	13,415			13,415
Total.....	13,415			13,415
Total—				
Anthracite.....	99,849			99,849
Bituminous.....				
Total.....	99,849			99,849

Table 47.—Sales of Coal and Coke reported by Retail Fuel Dealers in Prince Edward Island, 1947 and 1948

	1947	1948
	(Short tons)	
ANTHRACITE—		
United States—Pea and larger.....	6,912	4,832
United Kingdom—Pea and larger.....	31	521
Other sizes.....		30
BITUMINOUS—		
United States—		
Low volatile—Other sizes.....	8,008	37
High volatile—Other sizes.....	1,881	1,487
Miscellaneous (including briquettes).....	68,883	90,707
Canadian Bituminous.....		
COKE—From coal.....	5,009	4,550
Total coal and coke.....	90,724	102,211

Table 48.—Stocks of Coal and Coke reported by Retail Fuel Dealers in Prince Edward Island as at December 31, 1947 and 1948.

	1947	1948
	(Short tons)	
ANTHRACITE—		
United States—Pea and larger.....	292	445
BITUMINOUS—		
United States—		
High volatile—Other sizes.....	46	144
Miscellaneous (including briquettes).....	3,229	3,579
Canadian Bituminous.....		
COKE—From coal.....	898	99
Total coal and coke.....	4,465	4,267

CHAPTER THREE
NOVA SCOTIA

Table 49.—Output of Coal from Nova Scotia Mines, 1925-1948

Year	Short tons	Value at mines	Year	Short tons	Value at mines
		\$			\$
1925.....	3,842,978	15,826,680	1937.....	7,256,954	25,640,819
1926.....	6,747,477	20,845,220	1938.....	6,236,417	22,523,802
1927.....	7,071,870	27,194,671	1939.....	7,051,176	25,611,271
1928.....	6,743,504	27,427,556	1940.....	7,848,921	28,786,195
1929.....	7,056,133	28,071,956	1941.....	7,387,762	28,446,204
1930.....	6,252,552	24,528,860	1942.....	7,204,852	29,116,118
1931.....	4,055,563	19,016,720	1943.....	6,103,085	27,121,861
1932.....	4,084,581	15,167,793	1944.....	5,745,671	30,728,535
1933.....	4,557,590	15,969,793	1945.....	5,112,615	28,350,278
1934.....	6,341,625	21,860,093	1946.....	5,452,868	30,573,883
1935.....	5,822,075	20,301,227	1947.....	4,118,196	27,175,251
1936.....	6,649,102	22,973,281	1948.....	6,430,991	47,874,509

Table 50.—Output of Coal from Nova Scotia Mines, by Months, 1945-1948

Month	1945	1946	1947	1948	(Short tons)
January.....	502,448	473,913	522,893	569,491	
February.....	464,741	455,920	222,617	521,449	
March.....	489,220	515,158	4,170	585,147	
April.....	453,284	493,886	4,352	607,160	
May.....	433,817	490,203	36,128	538,001	
June.....	433,989	402,611	288,190	554,407	
July.....	356,906	318,372	482,345	520,262	
August.....	310,251	398,037	359,102	332,227	
September.....	372,003	449,723	536,450	542,608	
October.....	445,480	500,204	593,091	538,405	
November.....	485,981	495,138	546,679	574,888	
December.....	364,489	450,703	522,179	540,937	
Total.....	5,112,615	5,452,868	4,118,196	6,430,991	

Table 51.—Output of Coal by Districts and by Principal Operators in Nova Scotia,
1946-1948

Name	Address	1946	1947	1948
(Short tons)				
CAPE BRETON DISTRICT—				
Bras d'Or Coal Co., Ltd.	Bras d'Or	147,394	94,887	136,250
Dominion Coal Co., Ltd.	Sydney	3,128,088	2,428,144	3,843,137
Indian Cove Coal Co., Ltd.	Sydney Mines	43,244	45,836	50,246
Old Sydney Collieries Ltd.	Trenton	623,289	502,268	872,016
Sullivan Coal Co., Ltd.	Sydney Mines	3,351		
All other operators				87
Total		3,945,366	3,071,135	4,902,336
CUMBERLAND DISTRICT—				
Cumberland Ry. & Coal Co.	Springhill	559,350	401,203	629,079
Hillerest Mining Co., Ltd.	River Hebert	81,543	10,906	
Joggins Coal Co., Ltd.	Anherst	118,037	96,969	113,720
Riverside Coal Co.	Halifax		22,010	26,763
River Hebert Colliery	River Hebert		2,101	8,720
Standard Coal Co.	Anherst	58,889	7,385	
All other operators		3,288	1,333	44
Total		821,085	541,807	778,326
INVERNESS DISTRICT—				
Campbell, A. J. and Sons	Inverness	8,723	0,463	10,624
Inverness Coal Mine	Inverness	58,263	45,939	33,398
Margaree Steamship Co.	Inverness	18,335	17,388	35,630
Dean Evans	Chimney Corner		3,620	3,366
Chestico Coal	Port Hood		6,555	9,385
J. A. McClellan	Inverness		2,961	1,977
S. J. Doucet	Inverness		2,316	4,058
All other operators		9,519		
Total		94,840	85,242	98,418
PICTOU DISTRICT—				
Acadia Coal Co., Ltd.	Stellarton	390,861	282,643	452,551
Greenwood Coal Co., Ltd.	New Glasgow	23,574	4,100	715
Intercolonial Coal Co., Ltd.	Westville	175,220	128,141	106,191
All other operators		1,922	5,128	2,454
Total		591,577	420,012	651,911
Total Nova Scotia		5,452,868	4,118,196	6,430,991

Table 52.—Disposition of Coal from Nova Scotia Mines, 1947 and 1948

	Run of mine	Lump, cubble or egg	Nut or stove	Prepared stoker	Nut- slack	Slack	Total Coal							
							Tons	Value at mines						
1947														
(Short tons)														
Supplied to employees for domestic consumption.....	90,135	15,387	5	56	5	245	105,833	602,178						
Shipped as per Table 54.....	561,750	1,255,774	43,837	150,163	17,503	1,607,529	3,636,556	25,157,788						
Used under colliery boilers, etc.....	12,244	2,547	1,530	28,423	13,227	118,561	176,532	661,897						
Used by company's railroads.....	9,545	1,633	401	90	43	15,465	27,177	118,733						
Used in producers' shops, etc.....	791	1,877	.....	33	8,864	19,497	31,062	186,852					
Used by producers' harbour tugs and dredges.....	1,339	.....	.....	.....	.....	.....	1,339	4,695	
Put on bank.....	21,487	235,657	2,160	5,649	.....	794,454	1,059,416	3,552,241					
Put on waste heap.....	.....	.....	.....	.....	.....	.....	206	x x x
Total disposition.....	697,291	1,512,875	47,942	184,414	39,642	2,555,751	5,038,121	30,287,384						
Lifted from bank.....	22,812	176,139	2,068	5,725	140	713,041	919,925	3,112,133						
Total output	674,479	1,336,736	45,874	178,689	39,502	1,812,710	4,118,196	27,175,251						
1948														
Supplied to employees for domestic consumption.....	128,894	19,268	34	140	13	259	148,608	906,868						
Shipped as per Table 54.....	733,548	2,016,862	136,285	265,447	40,655	2,928,123	6,120,920	45,801,788						
Used under colliery boilers, etc.....	11,703	2,276	3,754	39,426	19,123	150,509	226,881	1,531,763						
Used by company's railroads.....	11,903	1,106	1,272	.....	8	31,970	46,259	320,597					
Used for making coke at colliery.....	.....	.....	.....	.....	.....	2,648	2,648	.....					
Lost in washing.....	.....	.....	.....	.....	.....	.....	.....	.....
Used in producers' shops, etc.....	70	907	.....	64	15,232	33,162	49,435	360,170					
Used by producers' harbour tugs and dredges.....	1,436	.....	.....	.....	.....	.....	1,436	9,961	
Put on bank.....	21,954	491,702	5,003	5,280	.....	1,538,277	2,062,306	12,884,137					
Put on waste heap.....	.....	.....	.....	.....	.....	.....	1,041	x x x
Total disposition.....	909,508	2,532,211	146,348	310,357	75,031	4,685,038	8,659,531	61,905,287						
Lifted from bank.....	23,231	507,323	5,021	5,344	.....	1,687,624	2,228,543	14,030,778					
Total output	886,277	2,024,888	141,327	305,013	75,031	2,997,414	6,430,991	47,874,509						

Table 53.—Tonnage Put on Bank and Lifted from Bank in Nova Scotia, 1945-1948

Month	1945		1946		1947		1948	
	Put on bank	Lifted from bank	Put on bank	Lifted from bank	Put on bank	Lifted from bank	Put on bank	Lifted from bank
(Short tons)								
(Short tons)								
January.....	106,437	83,454	114,756	83,052	140,063	60,315	189,259	91,534
February.....	121,749	74,998	118,666	88,385	45,497	210,839	190,071	81,189
March.....	112,131	93,585	146,938	110,488	4,506	22,091	282,678	117,714
April.....	93,508	102,807	178,331	112,900	679	12,864	245,261	168,331
May.....	91,930	111,396	160,145	163,534	6,849	4,884	191,710	237,075
June.....	87,335	97,467	112,511	149,653	79,752	17,495	201,044	248,550
July.....	68,400	75,497	71,372	137,734	132,031	67,979	182,346	305,818
August.....	58,632	84,172	48,832	80,254	81,829	114,839	93,654	341,358
September.....	69,233	65,110	105,538	64,902	132,126	86,262	135,748	214,948
October.....	85,098	78,793	71,958	89,059	174,824	105,707	90,987	206,882
November.....	93,024	82,690	88,338	96,301	126,522	119,791	126,736	105,018
December.....	70,571	89,850	97,551	74,057	134,738	96,859	132,812	110,126
Total	1,058,147	1,039,829	1,314,936	1,253,009	1,059,416	919,925	2,062,306	2,228,543

Table 54.—Shipments of Coal from Nova Scotia Mines, by Grades and by Destinations, 1947 and 1948

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut- slack	Slack	Total
1947							
Coal supplied for bunker—							(Short tons)
(a) Time charter boats.....	22,134	6,999				84	29,217
(b) Other boats.....	77,937	19,855					97,792
Coal supplied to railroads for locomotive use—							
(a) In Canada.....	255,069	108,431	174	3,306		20,275	357,255
(b) In Newfoundland.....	2,304	54,434				22,800	79,538
(c) In the United States.....							
Nova Scotia—							
(a) Shipments to industrial consumers and to dealers for resale.....	74,884	398,491	23,636	32,692	10,046	895,233	1,435,882
(b) Sales direct to domestic consumers, except to employees.....	58,444	138,897	7,295	4,558	221	64,683	271,098
New Brunswick.....	38,413	185,797	2,458	84,754	4,667	164,211	490,300
Newfoundland.....	22,377	158,444				19,511	290,332
Prince Edward Island.....	3,313	61,825	4,033	6,209		1,761	77,241
Quebec.....	5,417	86,324	6,241	18,644	1,660	414,829	533,124
Ontario.....							
United States.....							
St. Pierre.....		8,708					8,708
Spain.....	1,458					4,142	5,600
Other Countries.....		17,469					17,469
Total.....	561,750	1,255,774	43,837	150,163	17,503	1,697,529	3,636,556
1948							
Coal supplied for bunker—							
(a) Time charter boats.....	5,039	57,633					63,272
(b) Other boats.....	7,593	32,892	107				40,592
Coal supplied to railroads for locomotive use—							
(a) In Canada.....	449,403	326,070	259	4,878		32,470	813,089
(b) In Newfoundland.....		68,377				12,083	78,460
(c) In the United States.....							
Nova Scotia—							
(a) Shipments to industrial consumers and to dealers for resale.....	92,563	473,023	48,508	82,123	23,335	1,236,700	1,956,252
(b) Sales direct to domestic consumers, except to employees.....	29,234	141,179	14,135	8,049	213	35,491	228,301
New Brunswick.....	41,488	253,243	5,810	130,441	10,729	274,664	716,384
Newfoundland.....	4,660	204,875	44			81,760	291,339
Prince Edward Island.....	1,693	78,000	6,790	10,807	847	1,495	99,638
Quebec.....	31,175	363,599	60,617	29,149	5,531	1,245,869	1,735,910
Ontario.....							
United States.....	18,573					77	18,650
St. Pierre.....		19,971					19,971
Argentina.....	51,527						51,527
Lost at sea.....						7,505	7,505
Total.....	733,548	2,016,862	136,285	265,447	40,653	2,928,123	6,120,920

Tableau 55.—Exports of Canadian Coal through Nova Scotia Ports, 1945-1948.

Port	1945	1946	1947	1948
(Short tons)				
Glace Bay.....				120
Halifax.....	72	3		
North Sydney.....	134,882	105,520	170,872	190,191
Pictou.....	259	588	70	52
Port Hawkesbury.....	29	165		
Sydney.....	212,294	201,052	177,884	285,205
Total.....	317,536	307,328	348,826	475,568

Table 56.—Imports* of Coal into Nova Scotia, by Countries, 1947 and 1948

Source	1947			1948		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
(Short tons)						
United States.....	36,432	145,093	182,125			4,516
Great Britain.....	1,342	380	1,722	32,414		32,414
Belgium.....		431	431			
Total.....	37,774	146,504	184,278	32,414	4,516	36,930

(*) The total tonnage of foreign coal received at Nova Scotia ports of entry. See page 4, section 2, for explanation.

Table 57.—Summary of Coal Statistics for Nova Scotia in 1947—Output, Exports, Interprovincial Shipments and Imports, by Months and by Kinds, and Coal available for Consumption.

Month	Canadian Coal				Imported Coal			
	Output	Received from other provinces	Shipped to other provinces	Exported	From U.S.A.	From Great Britain	From Belgium	Available for consumption
(Short tons)								
January—								
Anthracite.....	522,803		78,054	18,462	2,653	1,342		3,995
Bituminous.....					8,593			434,970
Total.....	522,803		78,054	18,462	11,246	1,342		438,965
February—								
Anthracite.....	222,617		37,833	10,114	3,404			3,404
Bituminous.....					31,444			206,114
Total.....	222,617		37,833	10,114	34,848			209,518
March—								
Anthracite.....	4,170		85	6,323	3,220			3,220
Bituminous.....					15,992			13,754
Total.....	4,170		85	6,323	19,212			16,974
April—								
Anthracite.....	4,352		384		3,926			3,926
Bituminous.....					10,226			14,194
Total.....	4,352		384		14,152			18,120
May—								
Anthracite.....	36,128		1,280		1,177			1,177
Bituminous.....					36,025			71,473
Total.....	36,128		1,280		37,802			72,650
June—								
Anthracite.....	288,190		65,437	5,260	153			153
Bituminous.....					18,552			236,045
Total.....	288,190		65,437	5,260	18,705			236,198
July—								
Anthracite.....	482,345		130,404	54,467	707			707
Bituminous.....					24,209			321,683
Total.....	482,345		130,404	54,467	24,916			322,390
August—								
Anthracite.....	359,102		156,516	37,564	1,674			1,674
Bituminous.....					52			165,074
Total.....	359,102		156,516	37,564	1,726			166,748
September—								
Anthracite.....	536,450		185,897	65,387	2,579			2,579
Bituminous.....								285,166
Total.....	536,450		185,897	65,387	2,579			287,745
October—								
Anthracite.....	593,091		190,883	59,338	6,441			6,441
Bituminous.....						380		343,250
Total.....	593,091		190,883	59,338	6,441	380		349,691
November—								
Anthracite.....	546,679		146,510	33,098	4,061			4,061
Bituminous.....								367,071
Total.....	546,679		146,510	33,098	4,061			372,032
December—								
Anthracite.....	522,179		107,382	58,813	5,537			5,537
Bituminous.....							431	356,415
Total.....	522,179		107,382	58,813	5,537		431	361,952
Total—								
Anthracite.....	4,118,196		1,100,665	348,826	36,432	1,342		37,774
Bituminous.....					145,633	380	431	2,815,299
Total.....	4,118,196		1,100,665	348,826	182,125	1,722	431	2,852,983

Table 58.—Summary of Coal Statistics for Nova Scotia in 1948—Output, Exports, Interprovincial Shipments and Imports, by Months and by Kinds, and Coal available for Consumption.

Month	Canadian coal				Imported coal		Available for consumption
	Output	Received from other provinces	Shipped to other provinces	(*) Exported	From U.S.A.	From Great Britain	
(Short tons)							
January—							
Anthracite.....	569,491		114,258	13,727			441,500
Bituminous.....							
Total.....	569,491		114,258	13,727			441,506
February—							
Anthracite.....	521,449		109,093	5,278			407,078
Bituminous.....							
Total.....	521,449		109,093	5,278			407,078
March—							
Anthracite.....	585,147		97,362	16,087			472,608
Bituminous.....							
Total.....	585,147		97,362	16,087			472,608
April—							
Anthracite.....	607,169		169,612	74,582			5,009 5,009
Bituminous.....							362,973
Total.....	607,169		169,612	74,582			5,009 367,984
May—							
Anthracite.....	538,001		250,848	36,095			251,058
Bituminous.....							
Total.....	538,001		250,848	36,095			251,058
June—							
Anthracite.....	554,407		280,668	36,034			4,458 4,458
Bituminous.....							237,705
Total.....	554,407		280,668	36,034			4,458 242,163
July—							
Anthracite.....	526,262		342,701	39,304			144,257
Bituminous.....							
Total.....	526,262		342,701	39,304			144,257
August—							
Anthracite.....	332,227		299,714	43,053			8,736 8,736
Bituminous†.....							-10,540
Total.....	332,227		299,714	43,053			8,736 -1,804
September—							
Anthracite.....	542,608		295,954	59,381			187,273
Bituminous.....							
Total.....	542,608		295,954	59,381			187,273
October—							
Anthracite.....	538,405		313,535	46,528			4,285 4,285
Bituminous.....							178,342
Total.....	538,405		313,535	46,528			4,285 182,627
November—							
Anthracite.....	574,888		168,936	66,613	4,516	6,031	6,031
Bituminous.....							343,855
Total.....	574,888		168,936	66,613	4,516	6,031	349,886
December—							
Anthracite.....	540,937		109,281	30,770			3,895 3,895
Bituminous.....							400,886
Total.....	540,937		109,281	30,770			3,895 404,781
Total—							
Anthracite.....	6,430,991		2,551,962	467,452	4,516	32,414	32,414
Bituminous.....							3,416,093
Total.....	6,430,991		2,551,962	467,452	4,516	32,414	3,418,507

(*) Export figures are taken from coal operators' statements and show actual amounts of the provincial output shipped direct for export. Some of the coal shipped to other provinces may also have been exported.

† It should be noted that 341,358 tons were lifted from bank in August, in addition to the output shown.

Table 59.—Sales of Coal and Coke by Retail Fuel Dealers in Nova Scotia, 1947 and 1948

	1947	1948
	(Short tons)	
ANTHRACITE—		
United States—Pea and larger.....	36,710	29,713
Other sizes.....	1,373	893
United Kingdom—Pea and larger.....	3,174	20,214
Other sizes.....	731	4,947
BITUMINOUS—		
United States—		
High volatile—Slack.....	6,344	163
Stoker.....	1,680	7
Other sizes.....	20,137	196
Miscellaneous—(Including briquettes).....	7,683	5,953
Canadian—Bituminous.....	326,487	477,286
Coke from coal.....	45,888	41,010
Petroleum coke.....	371	202
Total coal and coke.....	450,578	580,584

Table 60.—Stocks of Coal and Coke held by Retail Fuel Dealers in Nova Scotia on December 31, 1947 and 1948

	Dec. 31, 1947	Dec. 31, 1948
	(Short tons)	
ANTHRACITE—		
United States—Pea and larger.....	3,049	4,458
Other sizes.....	132	10
United Kingdom—Pea and larger.....	5	694
Other sizes.....		618
BITUMINOUS—		
United States—		
High Volatile—Slack.....	10	
Stoker.....		
Other sizes.....	55	
Miscellaneous—(Including briquettes).....		1,102
Canadian—Bituminous.....	11,115	7,565
Coke from coal.....	2,145	1,112
Petroleum coke.....		
Total coal and coke.....	16,511	15,559

Table 61.—Consumption of Coal and Coke reported by Industrial Consumers* in Nova Scotia, 1947 and 1948

	1947	1948
	(Short tons)	
ANTHRACITE—Pea and larger.....	48	30
Other sizes.....	223	210
BITUMINOUS—		
United States—		
Low volatile—Slack.....	11,888	
Stoker.....	25	
Other sizes.....	1,056	
High volatile—Slack.....	32,402	350
Stoker.....	799	
Other sizes.....	30,031	213
Canadian Bituminous.....	564,956	687,560
Coke†—From coal.....	408,384	508,953
Total coal and coke.....	1,019,812	1,197,316

* Does not include firms using less than 500 tons of coal per annum.

† Figures for foundries using less than 500 tons of coal per annum are not included.

Table 62.—Employment at Coal Mines in Nova Scotia, 1945-1948

	1945	1946	1947	1948
Average number of employees—				
Surface.....	2,099	2,085	1,697	1,943
Underground.....	10,668	11,146	8,348	10,101
Total.....	12,767	13,231	10,045	12,044
Man-days worked—				
Surface.....	587,294	588,686	375,407	494,870
Underground.....	2,649,601	2,722,835	1,705,469	2,429,892
Total.....	3,236,895	3,311,521	2,080,876	2,924,762
Average number of days worked per man per year—				
By surface employees.....	280	282	221	255
By underground employees.....	248	244	204	241
By all employees.....	254	250	207	243

Table 63.—Employment and Work Done, by Months, at Coal Mines in Nova Scotia in 1947 and 1948

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
1947						
January.....	2,160	11,603	13,763	51,235	255,599	306,834
February.....	2,134	11,124	13,258	27,958	114,695	142,653
March.....	624	1,150	1,774	11,544	25,120	36,673
April.....	584	1,063	1,647	10,368	25,021	35,389
May.....	1,625	7,686	9,311	14,150	40,104	54,251
June.....	1,878	9,500	11,378	20,283	122,335	151,618
July.....	1,893	9,620	11,513	38,280	190,020	228,300
August.....	1,878	9,601	11,479	32,227	143,327	175,554
September.....	1,912	9,693	11,605	39,865	197,260	237,125
October.....	1,899	9,744	11,643	42,079	212,248	254,927
November.....	1,888	9,869	11,757	38,093	189,034	227,127
December.....	1,880	9,530	11,410	39,725	190,697	230,422
Total.....				375,407	1,705,469	2,080,876
1948						
January.....	1,802	10,242	12,134	41,173	210,230	251,463
February.....	1,905	10,149	12,051	39,084	194,546	233,630
March.....	1,934	10,149	12,083	42,331	212,915	255,216
April.....	1,947	10,200	12,147	44,388	224,136	268,524
May.....	1,929	10,102	12,031	40,729	204,488	245,217
June.....	1,943	10,170	12,113	40,946	203,968	244,911
July.....	1,968	10,140	12,108	42,719	204,805	247,521
August.....	1,931	9,986	11,917	33,020	144,096	177,116
September.....	1,948	9,964	11,912	41,853	206,718	218,571
October.....	1,958	9,963	11,921	42,545	204,527	217,072
November.....	1,970	10,049	12,019	43,242	213,750	236,992
December.....	1,991	10,100	12,091	42,840	205,713	218,533
Total.....				491,870	2,429,892	2,924,762

Table 64.—Number of Man-Days Worked, by Districts, in Nova Scotia, 1947 and 1948

District	1947			1948		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Cape Breton.....	247,377	1,239,986	1,487,363	340,492	1,784,224	2,124,716
Cumberland.....	53,554	226,907	280,161	65,246	309,225	371,471
Inverness.....	16,511	37,149	53,660	20,385	53,602	74,077
Pictou.....	57,965	201,427	259,392	68,747	282,751	351,498
Total.....	375,407	1,705,469	2,080,876	491,870	2,429,892	2,924,762

Table 65.—Employment at Coal Mines in Nova Scotia, by Classes, 1947 and 1948

Classification	Surface	Under-ground	Total
1947			
UNDERGROUND MINING			
SALARIED EMPLOYEES—			
1. Mine manager, underground manager, overman, pit bosses, fire bosses, foremen, etc.	67	208	275
2. Administrative and office staff	153		153
Total	220	208	428
WAGE-EARNERS—			
3. Foremen and other officials on wages	47	589	636
4. Miners; all men on hand and mechanical production		2,739	2,739
5. Maintenance: timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.	248	2,598	2,846
6. Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen	135	1,679	1,814
7. Tipple, preparation and shipping	438		438
8. Powerhouse, boilers and shops	290		290
9. Miscellaneous	283	535	818
Total	1,450	8,140	9,590
STRIP MINING			
(Includes employees of contractors)			
Salaried employees	2		2
Wage-earners	25		25
TOTAL EMPLOYMENT			
Total salaried employees	222	208	430
Total wage-earners	1,475	8,140	9,615
Total	1,697	8,348	10,045
1948			
UNDERGROUND MINING			
SALARIED EMPLOYEES—			
Mine manager, underground manager, overman, pit bosses, fire bosses, foremen, etc.	85	448	533
Administrative and office staff	160		160
Total	245	448	693
WAGE-EARNERS—			
Foremen and other officials on wages	32	364	396
Miners; all men on hand and mechanical production		3,446	3,446
Maintenance: timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.	295	3,136	3,431
Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen	145	2,036	2,181
Tipple, preparation and shipping	516		516
Powerhouse, boilers and shops	346		346
Miscellaneous	318	671	989
Total	1,652	9,653	11,305
STRIP MINING			
(Includes employees of contractors)			
Salaried employees	3		3
Wage-earners	43		43
Total	46		46
TOTAL EMPLOYMENT			
Total salaried employees	248	448	696
Total wage-earners	1,695	9,653	11,348
Grand total	1,943	10,101	12,044

Note:—Employees, Salaries and Wages. See table 166.

CHAPTER FOUR

NEW BRUNSWICK

Table 66.—Output of Coal from New Brunswick Mines, 1925-1948

Calendar year	Short tons	Value at mines		Calendar year	Short tons	Value at mines
				\$		\$
1925.....	208,012	815,367	1937.....		364,714	1,180,611
1926.....	173,111	710,245	1938.....		342,238	1,133,346
1927.....	203,950	885,038	1939.....		468,421	1,586,359
1928.....	207,738	869,104	1940.....		547,064	1,961,863
1929.....	218,706	900,169	1941.....		523,344	2,021,394
1930.....	209,349	864,116	1942.....		435,203	1,826,403
1931.....	182,181	743,196	1943.....		372,873	1,641,069
1932.....	212,695	794,168	1944.....		345,123	1,845,277
1933.....	312,303	1,041,744	1945.....		361,184	2,021,806
1934.....	314,750	1,026,343	1946.....		370,655	2,009,373
1935.....	346,024	1,129,019	1947.....		345,194	2,301,511
1936.....	368,618	1,190,032	1948.....		522,136	3,734,635

Table 67.—Output of Coal from New Brunswick Mines, by Months, 1945-1948

Month	1945	1946	1947	1948	(Short tons)
January.....	30,917	29,577	32,046	36,234	
February.....	33,247	22,377	19,309	33,900	
March.....	34,980	25,540	3,261	36,335	
April.....	28,024	22,536	5,449	35,363	
May.....	29,230	30,767	6,423	41,076	
June.....	31,727	30,045	25,242	47,114	
July.....	31,376	32,931	35,857	44,542	
August.....	31,190	36,915	37,348	43,326	
September.....	25,646	31,311	44,542	47,302	
October.....	31,424	41,686	50,597	53,537	
November.....	31,855	37,390	44,852	47,631	
December.....	21,589	29,580	40,268	54,877	
Total.....	361,184	370,655	345,194	522,136	

Table 68.—Output of Coal by Principal Collieries in New Brunswick, 1946-1948

Name	Address	1946	1947	1948
		(Short tons)		
Avon Coal Co. Otd.....	Saint John.....	50,409	64,771	82,101
E. S. Crawford and Sons.....	Newcastle Creek.....	20,631	3,519	5,618
E. S. Crawford and A. W. Wasson.....	Newcastle Creek.....		20,707	
W. B. Evans (Rothwell Coal Co.).....	Minto.....	33,399	11,184	34,066
Frank J. Horgan.....	Chipman.....	3,820	5,053	3,809
G. H. King.....	Chipman.....	17,779	3,237	29,743
Minto Coal Co.....	Minto.....	51,641		
Miramichi Lumber Co. Ltd.....	Minto.....	107,740	139,207	203,407
Newcastle Coal Co.....	Minto.....	27,813	21,451	37,110
A. W. Wasson.....	Newcastle Creek.....		20,974	54,208
Harvey Welton Ltd.....	Minto.....		5,665	6,515
Welton & Henderson Ltd.....	Minto.....	26,301	20,419	28,230
Roy Yennmans.....	Newcastle Bridge.....	3,504	4,476	26,174
All other operators.....		27,618	24,521	11,050
Total.....		370,655	345,194	522,136

Table 69.—Disposition of Coal from New Brunswick Mines, by Grades, 1947 and 1948

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut- slack	Slack	Total	
							Tons	Values at mines
(Short tons)								
1947								\$
Supplied to employees for domestic consumption.....	3,740						3,710	19,430
Shipped as per Table 70.....	167,067	70,449	915		9,277	81,398	336,006	2,213,806
Used under colliery boilers, etc.....	5,457	6			35	400	5,398	35,193
Used by company's railroads.....	712						712	4,103
Used in making coke at colliery.....						574	8,041	45,958
Put on bank.....	7,010	450	10				1	x x x
Put on waste heap.....								
Total disposition.....	184,886	70,905	925		9,312	82,372	348,401	2,318,190
Lifted from bank.....	2,083	497				627	3,207	16,979
Lifted from waste heap.....								
Total output.....	182,803	70,408	925		9,312	81,745	345,194	2,301,511
1948								
Supplied to employees for domestic consumption.....	4,504						4,501	26,428
Shipped (as per Table 70).....	202,392	121,999	64		21,871	164,567	510,893	3,672,880
Used under colliery boilers, etc.....	6,487						6,573	38,621
Used by company's railroads.....	1,071	426					1,497	8,343
Used in making coke at colliery.....								
Used in making briquettes.....								
Put on bank.....	16,020	435				564	17,019	93,480
Put on waste heap.....							452	x x x
Total disposition.....	230,474	122,860	64		21,871	165,217	510,938	3,839,752
Lifted from bank.....	17,752	561				489	18,802	105,117
Lifted from waste heap.....								
Total output.....	212,722	122,299	64		21,871	164,728	522,136	3,731,635

Table 70.—Shipments of Coal from New Brunswick Mines, by Grades and Destination, 1947 and 1948

Destination	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut slack	Slack	Total	
							(Short tons)	
(Short tons)								
1947								
New Brunswick—								
(a) Industrial consumers and to dealers for resale.....	130,070	20,493	207			8,274	72,451	231,495
(b) Domestic consumers.....	17,523	295	112			167		18,097
Nova Scotia.....								
Prince Edward Island.....			140					110
Quebec.....	1,765			596		742		3,163
Ontario.....								
United States.....	18,153	221					8,947	27,321
Railroads—								
In Canada.....	456	49,300				94		49,850
In United States.....	456	49,300				94		49,850
Total railroads.....								
Ships' bunkers.....								
Total.....	167,967	70,419	915		9,277	81,398	330,006	
1948								
Railroads, for locomotive use—								
(a) In Canada.....	771	99,694					102	100,567
(b) In the United States.....								
New Brunswick—								
(a) Shipments to industrial consumers and to dealers for resale.....	183,992	21,625				21,871	132,060	359,557
(b) Sales direct to domestic consumers, except to employees.....	6,938	469	64					7,471
Nova Scotia.....								211
Prince Edward Island.....			211				47	47
Quebec.....								
Ontario.....								
United States.....	10,691						32,349	43,040
Ships' bunkers.....								
Other places (a).....								
(b).....								
Total.....	202,392	121,299	64		21,871	164,567	510,893	

Table 71.—Exports of Canadian Coal through New Brunswick Ports, 1945-1948

Port	1945	1946	1947	1948
(Short tons)				
Andover.....				310
Clair.....				390
Edmundston.....	83,206	98,413	16,102	45,586
Grand Falls.....				4
McAdam Junction.....		1	610	4
Saint John.....			1	
St. Leonnard.....				341
St. Stephen.....	26,002	36,357	27,923	47,471
Woodstock.....	1,709	868	358	897
Total.....	111,817	135,639	44,994	95,003

Table 72.—Imports* into New Brunswick of Anthracite and Bituminous Coal, by sources, 1947 and 1948

Source	1947			1948		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
	(Short tons)					
United States.....	40,178	67,972	117,150	1,218	338	1,556
Great Britain.....		353	353	19,970		19,970
Total.....	49,178	68,325	117,503	21,188	338	21,526

*The total tonnage of foreign coal received at New Brunswick ports of entry. See page 4, section 2, for explanation.

Table 73.—Summary Coal Statistics for New Brunswick in 1947—Output, Exports, Interprovincial Shipments and Imports, by Months and by Kinds and Coal available for Consumption.

Month	Canadian Coal				Imported Coal		
	Output	Received from other provinces	Shipped to other provinces	Exported	From U.S.A.	From Great Britain	Available for consumption
(Short tons)							
January—							
Anthracite.....	32,046	63,410		8,759	3,187		3,187
Bituminous.....					4,341		91,038
Total.....	32,046	63,410		8,759	7,528		94,225
February—							
Anthracite.....					4,649		4,649
Bituminous.....	19,309	31,840		3,451	4,559		52,257
Total.....	19,309	31,840		3,451	9,208		56,906
March—							
Anthracite.....					3,254		3,254
Bituminous.....	3,261	85		1,874	22,147		23,619
Total.....	3,261	85		1,874	25,401		26,873
April—							
Anthracite.....					2,928		2,928
Bituminous.....	5,449	336		134	9,765		15,416
Total.....	5,449	336		134	12,603		18,344
May—							
Anthracite.....					3,062		3,062
Bituminous.....	6,423	1,064		5	3,681		11,163
Total.....	6,423	1,064		5	6,743		14,225
June—							
Anthracite.....					3,730		3,730
Bituminous.....	25,242	28,261	76	1,993	11,498		62,932
Total.....	25,242	28,261	76	1,993	15,228		66,662
July—							
Anthracite.....					3,671		3,671
Bituminous.....	35,857	29,643	368	5,403	7,354		67,083
Total.....	35,857	29,643	368	5,403	11,025		70,754
August—							
Anthracite.....					3,568		3,568
Bituminous.....	37,348	38,353	1,246	5,219	914		70,150
Total.....	37,348	38,353	1,246	5,219	4,482		73,718
September—							
Anthracite.....					4,153		4,153
Bituminous.....	44,542	65,781	1,553	5,347	911	353	104,687
Total.....	44,542	65,781	1,553	5,347	5,064	353	108,840
October—							
Anthracite.....					5,947		5,947
Bituminous.....	50,597	74,369		3,528	499		121,937
Total.....	50,597	74,369		3,528	6,446		127,884
November—							
Anthracite.....					6,335		6,335
Bituminous.....	44,852	74,447		4,677	1,419		116,041
Total.....	44,852	74,447		4,677	7,754		122,376
December—							
Anthracite.....					4,694		4,694
Bituminous.....	40,268	82,711		4,604	884		119,259
Total.....	40,268	82,711		4,604	5,578		123,933
Total—							
Anthracite.....	345,194	490,300	3,243	44,994	48,178		49,178
Bituminous.....					67,972	353	855,582
Total.....	345,194	490,300	3,243	44,994	117,150	353	904,760

Table 74.—Summary Statistics for New Brunswick in 1948—Output, Exports, Inter-provincial Shipments and Imports, by Months and by Kinds, and Coal Available for Consumption.

Month	Canadian Coal				Imported Coal		
	Output	Received from other provinces	Shipped to other provinces	Exported*	From U.S.A.	From Great Britain	Available for consumption
(Short tons)							
January—							
Anthracite							
Bituminous	36,234	85,595		2,847	304		304
Total	36,234	85,595		2,847	304		118,982
February—							
Anthracite							54
Bituminous	33,900	87,305	40	3,123	54		118,042
Total	33,900	87,305	40	3,123	54		118,096
March—							
Anthracite							177
Bituminous	36,335	60,456	40	3,387	177		93,364
Total	36,335	60,456	40	3,387	177		83,541
April—							
Anthracite							109,953
Bituminous	35,363	78,844		4,254			
Total	35,363	78,844		4,254			109,953
May—							
Anthracite							4,602
Bituminous	41,975	50,809		2,049	210	4,392	89,835
Total	41,975	50,809		2,049	210	4,392	94,437
June—							
Anthracite							95,648
Bituminous	47,114	51,010		2,476			
Total	47,114	51,010		2,476			95,648
July—							
Anthracite							4,288
Bituminous	44,542	53,819		2,672			95,689
Total	44,542	53,819		2,672		4,288	99,977
August—							
Anthracite							67
Bituminous	43,326	39,589	42	2,840	67		80,033
Total	43,326	39,589	42	2,840	67		80,100
September—							
Anthracite							87,139
Bituminous	47,302	42,956	47	3,072			
Total	47,302	42,956	47	3,072			87,139
October—							
Anthracite							4,594
Bituminous	53,537	47,393		5,399	205	4,389	95,531
Total	53,537	47,393		5,399	205	4,389	100,125
November—							
Anthracite							7,031
Bituminous	47,631	63,357	89	5,342	130	6,901	105,805
Total	47,631	63,357	89	5,342	468	6,901	112,926
December—							
Anthracite							71
Bituminous	54,877	55,251		4,670			105,449
Total	54,877	55,251		4,670	71		105,520
Total—							
Anthracite							21,188
Bituminous	522,136	716,384	258	43,040	1,218	19,970	1,195,560
Total	522,136	716,384	258	43,040	1,556	19,970	1,216,748

* Export figures are taken from coal operators statements, and show actual amounts of the provincial output which were shipped direct for export. Some of the coal shipped to other provinces may also have been exported.

Table 75.—Sales of Coal and Coke by Retail Fuel Dealers in New Brunswick, 1947 and 1948

	1947	1948
	(Short tons)	
ANTHRACITE—		
United States—Pea and larger.....	44,949	43,384
Other sizes.....	1,585	1,563
United Kingdom—Pea and larger.....	2,948	9,065
Other sizes.....	1,111	1,345
BITUMINOUS—		
United States—		
Low Volatile—Other sizes.....	9,860	62
High Volatile—Slack.....	3,263	1,295
Stoker.....	39,495	574
Other sizes.....	3,922	5,164
Miscellaneous—Including briquettes.....	107,241	3,199
Canadian—Bituminous.....		187,284
Coke from coal.....	11,106	12,704
Total coal and coke.....	285,480	265,639

Table 76.—Stocks of Coal and Coke held by Retail Fuel Dealers in New Brunswick on December 31, 1947 and 1948

	Dec. 31, 1947	Dec. 31, 1948
	(Short tons)	
ANTHRACITE—		
United States—Pea and larger.....	5,880	7,626
Other sizes.....	480	332
United Kingdom—Pea and larger.....		7,145
Other sizes.....	21	386
BITUMINOUS—		
United States—		
Low Volatile—Other sizes.....	52	101
High Volatile—Slack.....	181	246
Stoker.....	3,326	583
Other sizes.....	350	1,076
Miscellaneous—Including briquettes.....	10,090	6,514
Canadian—Bituminous.....		
Coke from coal.....	997	837
Total coal and coke.....	21,377	21,846

Table 77.—Consumption of Coal and Coke by Industrial Consumers* in New Brunswick, 1947 and 1948

	1947	1948
	(Short tons)	
BITUMINOUS—		
United States—		
Low volatile—Slack.....	422	.....
Stoker.....	915	.....
Other sizes.....	1,062	.....
High volatile—Slack.....	142,575	15,462
Stoker.....	856	.....
Other sizes.....	4,977	52
Canadian Bituminous.....	499,120	654,669
Coke†—From coal.....	1,261	1,857
Total coal and coke.....	631,188	672,010

* Does not include firms using less than 500 tons of coal per annum.

† Figures for foundries using less than 500 tons of coal per annum are not included.

Table 78.—Employment at Coal Mines in New Brunswick, 1945-1948

	1945	1946	1947	1948
Average number of employees—				
Surface.....	324	295	261	321
Underground.....	510	519	390	511
Total.....	834	814	651	832
Man-days worked—				
Surface.....	85,929	80,147	66,190	85,881
Underground.....	124,456	128,163	84,712	129,758
Total.....	210,385	208,310	150,902	215,639
Average number of days worked per man per year—				
By surface employees.....	265	272	254	268
By underground employees.....	244	247	217	254
By all employees.....	252	256	232	259

Table 79.—Employment and Work Done, by Months, at Coal Mines in New Brunswick, 1947 and 1948

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
1947						
January.....	244	566	810	5,668	13,693	19,361
February.....	254	580	834	4,064	5,706	9,770
March.....	150	31	181	1,634	425	2,059
April.....	66	13	79	1,113	174	1,287
May.....	66	4	70	1,366	58	1,424
June.....	208	493	791	4,809	8,466	13,275
July.....	329	554	883	6,794	8,799	15,593
August.....	335	502	837	7,750	8,549	16,299
September.....	346	471	817	9,265	9,587	18,852
October.....	352	484	836	7,751	10,196	17,947
November.....	364	485	849	9,530	9,926	19,456
December.....	323	500	823	6,446	9,133	15,579
Total.....				66,190	84,712	150,902
1948						
January.....	242	545	787	5,451	12,255	17,706
February.....	239	564	803	4,975	11,605	16,580
March.....	258	556	814	5,433	12,086	17,519
April.....	267	540	807	5,500	12,089	17,589
May.....	340	540	880	7,395	10,479	17,874
June.....	340	503	843	7,619	10,615	18,234
July.....	354	490	844	7,877	10,200	18,077
August.....	341	483	804	8,089	9,632	17,721
September.....	359	460	819	8,298	9,841	18,139
October.....	359	474	833	8,379	9,819	18,198
November.....	374	496	870	8,525	9,968	18,493
December.....	380	504	884	8,340	11,169	19,509
Total.....				85,881	129,758	215,639

Table 80.—Employment at Coal Mines in New Brunswick, by Classes, 1947 and 1948

Classification	Surface	Under-ground	Total
1947			
UNDERGROUND MINING			
SALARIED EMPLOYEES—			
1. Mine manager, underground manager, overman, pit bosses, fire bosses, foremen, etc.....	11	6	17
2. Administrative and office staff.....	15		15
Total.....	26	6	32
WAGE-EARNERS—			
3. Foremen and other officials on wages.....	3	2	5
4. Miners; all men on hand and mechanical production.....		336	336
5. Maintenance: timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.....	10	7	17
6. Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen.....	8	14	22
7. Tipple, preparation and shipping.....	23		23
8. Powerhouse, boilers and shops.....	2		2
9. Miscellaneous.....	29	25	54
Total.....	75	384	459
STRIP MINING			
(Includes employees of contractors)			
Salaried employees.....	15		15
Wage-earners.....	145		145
TOTAL EMPLOYMENT			
Total salaried employees.....	41	6	47
Total wage-earners.....	226	384	604
Total.....	261	390	651
1948			
UNDERGROUND MINING			
SALARIED EMPLOYEES—			
1. Mine manager, underground manager, overman, pit bosses, fire bosses, foremen, etc.....	16	6	22
2. Administrative and office staff.....	16		16
Total.....	32	6	38
WAGE-EARNERS—			
3. Foremen and other officials on wages.....	5	2	7
4. Miners; all men on hand and mechanical production.....		434	434
5. Maintenance: timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.....	14	13	27
6. Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen.....	11	21	32
7. Tipple, preparation and shipping.....	25		25
8. Powerhouse, boilers and shops.....	1		1
9. Miscellaneous.....	30	35	65
Total.....	86	505	591
STRIP MINING			
(Includes employees of contractors)			
Salaried employees.....	19		19
Wage-earners.....	184		184
TOTAL EMPLOYMENT			
Total salaried employees.....	51	6	57
Total wage-earners.....	276	505	775
Total.....	321	511	832

Note:—Employees, Salaries and Wages. See table 167.

CHAPTER FIVE
QUEBEC

Table 81.—Tonnage of Coal Retained in Quebec for Consumption 1945-1948

	1945	1946	1947	1948
(Short tons)				
ANTHRACITE—				
From—Great Britain.....	*599	*42,625	42,851	109,632
United States.....	1,299,396	1,643,761	1,388,590	1,615,678
Total	1,299,995	1,686,386	1,431,441	1,725,310
BITUMINOUS—				
From—Great Britain.....	5,386,133	5,315,289	6,413,374	5,133,902
United States.....	1,550	218	3,103	47
Total imported	5,386,133	5,315,289	6,413,374	5,133,902
Nova Scotia (including coal for railroads for 1944, 1945-1946)	212,663	627,495	533,124	1,735,940
New Brunswick.....	1,550	218	3,103	47
Alberta.....			42	58
Total Canadian	214,213	627,713	536,269	1,736,045
Total all coal	6,900,341	7,679,388	8,381,084	8,595,257

* Includes a small quantity received ex-Saint John, New Brunswick.

Note:—Bituminous coal imported from United States as shown above for 1947 includes 488,997 tons received in Quebec via Ontario ports for 1947. Deductions have been made for coal imported into Quebec and shipped to Ontario as follows:—Anthracite coal from Great Britain 4,538 tons; bituminous coal from United States 85,988 tons. Quebec also shipped 46,275 tons of bituminous coal to New Brunswick. Re-export including ex-warehoused 2,986 tons. Bituminous coal imported from the United States as shown above for 1948 includes 444,060 tons received in Quebec via Ontario ports. 1948 deductions have been made for coal imported into Quebec and shipped to Ontario as follows: Anthracite coal from Great Britain 13,738 tons; Bituminous coal from United States 147,268 tons. Quebec also shipped 32,361 tons of Bituminous coal to New Brunswick. Re-export including ex-warehoused 7,145 tons.

Table 82.—Exports of Canadian Coal through Quebec Ports, 1945-1948

	1945	1946	1947	1948
(Short tons)				
Chicoutimi.....	10			
Coaticook.....	967	238	1,117	57
Huntingdon.....	32	116	74	52
Lacolle.....		147		
Lake Megantic.....	49	9		
Montreal.....		1		
Quebec.....	1			1
Rock Island.....		135		
St. Armand.....	81	1		
St. Johns.....				
Sutton.....				
Total	1,140	647	1,192	109

Table 83.—Imports* of Coal into Quebec, by Sources, 1947 and 1948

Source	1947			1948		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
(Short tons)						
United States.....	1,388,590	6,050,626	7,448,216	1,615,678	4,876,616	6,492,294
Great Britain.....	47,387	.....	47,387	123,370	.....	123,370
Total	1,435,977	6,050,626	7,495,603	1,739,048	4,876,616	6,615,664

* The total tonnage of foreign coal received at Quebec ports of entry. See page 4, section 2, for explanation.

Note:—Imports of briquettes are included with bituminous coal for January, February and March, 1948.

Table 84.—Sales of Coal and Coke by Retail Fuel Dealers in Quebec, 1947 and 1948

	1947			1948		
	Montreal area	Quebec area	Total Quebec Province	Montreal area	Quebec area	Total Quebec Province
ANTHRACITE—						
United States—Pea and larger.....	567,504	83,072	650,576	589,786	90,346	680,132
Other sizes.....	329,528	93,829	423,357	309,541	88,623	398,161
United Kingdom—Pea and larger.....	59	.....	59	15,710	1,627	17,337
Other sizes.....	47,797	6,020	53,817	46,182	10,463	65,645
BITUMINOUS—						
United States—						
Low volatile—Slack.....	19,889	1,323	21,212	11,288	1,440	12,728
Stoker.....	19,564	3,637	23,201	20,228	1,372	21,600
Other sizes.....	11,648	2,362	14,010	8,833	496	9,329
High volatile—Slack.....	205,124	54,602	259,726	157,460	24,019	181,479
Stoker.....	231,170	21,661	252,831	232,233	24,034	256,267
Other sizes.....	143,508	34,103	177,611	155,199	38,047	193,216
Miscellaneous—including briquettes.....	10,467	2,325	12,792	11,888	2,098	11,886
Canadian—						
Bituminous.....	17,178	46,652	63,830	57,942	110,087	168,029
Domestic and lignite.....	.....	.....	.....	69	.....	69
Briquettes.....	7	.....	7	.....	.....	.....
Coke from coal.....	134,747	5,083	139,830	114,264	5,523	119,787
Petroleum coke.....	1,162	.....	1,162	409	.....	409
Total coal and coke	1,739,352	354,669	2,094,021	1,731,032	406,075	2,139,107

Table 85.—Stocks of Coal and Coke Held by Retail Fuel Dealers in Quebec on December 31, 1947 and 1948

	1947			1948		
	Montreal area	Quebec area	Total Quebec province	Montreal area	Quebec area	Total Quebec province
(short tons)						
ANTHRACITE—						
United States—Pea and larger.....	33,211	5,496	38,707	45,090	6,467	51,557
Other sizes.....	27,595	3,042	30,637	14,263	6,205	20,168
United Kingdom—Pea and larger.....					1,210	52
Other sizes.....	1,210	128	1,338	1,564	440	2,004
BITUMINOUS—						
United States—						
Low volatile—Slack.....	100		100	14		14
Stoker.....	25	17	42	5,864		5,864
Other sizes.....	36	189	225	47		47
High volatile—Slack.....	3,573	2,800	6,373	1,565	1,447	3,012
Stoker.....	6,234	399	6,633	27,902	310	28,212
Other sizes.....	18,487	4,096	22,583	28,771	4,554	33,325
Miscellaneous—Including briquettes.....	1,033	275	2,208	2,309	484	2,793
Canadian—Bituminous.....	2,164	602	2,766	2,669	2,427	3,096
Domestic and lignite.....				112		112
Briquettes.....						
Coke—from coal.....	3,252	648	3,900	2,588	681	3,269
Petroleum coke.....	42		42			
Total coal and coke.....	87,862	17,692	115,551	133,968	23,067	157,035

Table 86.—Consumption of Coal and Coke by Industrial Consumers† in Quebec, 1947 and 1948

	1947			Montreal area	Quebec area	Total Quebec Province
1947						
ANTHRACITE—						
Pea and larger.....				5,342	117	5,459
Other sizes.....				60,669	20,533	81,202
BITUMINOUS—						
United States—						
Low volatile—Slack.....				126,347	4,151	130,498
Stoker.....				27,133	8	27,141
Other sizes.....				13,048	1,081	15,029
High volatile—Slack.....				998,571	179,360	1,177,931
Stoker.....				157,792	48,645	206,437
Other sizes.....				138,221	174,444	312,665
Canadian—Bituminous.....				149,156	179,319	328,475
Domestic and lignite.....				10		16
Coke*—From coal.....				120,048	8,417	138,365
Petroleum.....				60,087	143,268	203,355
Total coal and coke.....				1,867,230	759,343	2,626,573
1948						
ANTHRACITE—						
Pea and larger.....				6,186	160	6,346
Other sizes.....				62,370	19,709	82,070
BITUMINOUS—						
United States—						
Low volatile—Slack.....				113,675	4,537	118,212
Stoker.....				35,751	95	35,846
Other sizes.....				15,085	342	15,427
High volatile—Slack.....				984,948	258,362	1,243,310
Stoker.....				153,658	111,232	264,890
Other sizes.....				155,580	191,376	346,956
Canadian Bituminous.....				380,690	384,119	764,818
Coke*—From coal.....				165,763	10,371	176,134
Petroleum.....				30,110	173,649	203,759
Total coal and coke.....				2,183,823	1,153,952	3,257,777

† Does not include firms using less than 500 tons of coal per annum.

* Figures for foundries using less than 500 tons of coal per annum are not included.

Table 87.—Summary Coal Statistics for Quebec in 1947—Exports, Interprovincial Shipments and Imports*, by Months and by Kinds, and Coal available for Consumption.

Month	Canadian coal		Imported coal		Available for con- sumption
	†Received from other provinces	Exported	From U.S.A.	From Great Britain	
(Short tons)					
January—					
Anthracite.			67,959		67,959
Bituminous.	7,145	704	331,543		337,984
Total.	7,145	704	399,502		405,943
February—					
Anthracite.			90,547		90,547
Bituminous.	2,294	413	270,956		272,537
Total.	2,294	413	361,503		363,384
March—					
Anthracite.			84,525		84,525
Bituminous.			311,232		311,232
Total.			395,757		395,757
April—					
Anthracite.			103,853		103,853
Bituminous.		74	309,505		309,431
Total.		74	413,358		413,284
May—					
Anthracite.			123,079		123,079
Bituminous.			577,992		577,992
Total.			701,071		701,071
June—					
Anthracite.			129,812		129,812
Bituminous.	29,752		598,219		627,971
Total.	29,752		728,031		757,783
July—					
Anthracite.			99,081	17,540	117,521
Bituminous.	89,928	1	625,480		715,407
Total.	89,928	1	725,461	17,540	832,928
August—					
Anthracite.			132,499	5,175	137,674
Bituminous.	113,153		605,543		718,696
Total.	113,153		738,042	5,175	856,370
September—					
Anthracite.			162,850	2,813	165,663
Bituminous.	114,533		657,149		771,682
Total.	114,533		819,999	2,813	937,345
October—					
Anthracite.			157,955	10,200	168,153
Bituminous.	104,829		612,141		716,970
Total.	104,829		770,094	10,200	885,123
November—					
Anthracite.			134,488	1,276	135,764
Bituminous.	61,671		670,304		731,975
Total.	61,671		804,792	1,276	867,739
December—					
Anthracite.			101,044	10,383	111,427
Bituminous.	12,922		489,562		502,484
Sub-bituminous.	42				42
Total.	12,964		590,606	10,383	613,953
Total—					
Anthracite.			1,388,590	47,387	1,435,977
Bituminous.	536,227	1,192	6,639,626		6,391,661
Sub-bituminous.	42				42
Total.	536,269	1,192	7,448,216	47,387	8,030,680

* Direct imports into Quebec. † These are shipments from Nova Scotia and New Brunswick mines.

Table 88.—Summary Coal Statistics for Quebec in 1948—Exports, Interprovincial Shipments and Imports*, by Months and by Kinds, and Coal Made Available for Consumption.

Month	Canadian coal		Imported coal		Available for consumption
	†Received from other provinces	Exported	From U.S.A.	From Great Britain	
(Short tons)					
January—					
Anthracite.....			101,374		101,374
Bituminous.....	20,590		256,290		276,580
Sub-bituminous.....	58				58
Total.....	20,648		357,664		378,312
February—					
Anthracite.....			124,031		124,031
Bituminous.....	13,180		213,300		226,460
Total.....	13,180		337,331		350,491
March—					
Anthracite.....			123,320		123,320
Bituminous.....	28,853		268,775		297,628
Total.....	28,853		392,095		420,948
April—					
Anthracite.....			139,118		139,118
Bituminous.....	86,307		114,116		200,423
Total.....	86,307		253,234		330,541
May—					
Anthracite.....			141,665	20,931	162,596
Bituminous.....	194,535		408,324		662,850
Total.....	194,535		609,989	20,931	825,455
June—					
Anthracite.....			139,901	12,516	152,417
Bituminous.....	224,673		512,320		736,993
Total.....	224,673		652,221	12,516	889,410
July—					
Anthracite.....			102,578	28,549	131,127
Bituminous.....	281,583		614,139		895,722
Total.....	281,583		716,717	28,549	1,026,849
August—					
Anthracite.....			177,357	19,653	197,010
Bituminous.....	253,553		675,689		929,222
Total.....	253,553		853,026	19,653	1,126,232
September—					
Anthracite.....			156,883	19,701	176,584
Bituminous.....	243,826		616,645		860,471
Total.....	243,826		773,528	19,701	1,037,055
October—					
Anthracite.....			162,758	14,530	177,288
Bituminous.....	255,097		520,330		775,427
Total.....	255,097		683,088	14,530	952,715
November—					
Anthracite.....			139,825	7,490	147,315
Bituminous.....	93,195	52	441,989		535,132
Total.....	93,195	52	581,814	7,490	682,447
December—					
Anthracite.....			106,868		106,868
Bituminous.....	40,615	57	174,719		215,277
Total.....	40,615	57	281,587		322,145
Total—					
Anthracite.....			1,615,678	123,370	1,739,048
Bituminous.....	1,735,987	109	4,876,616		6,612,494
Sub-bituminous.....	58				58
Total.....	1,736,045	109	6,492,294	123,370	8,351,600

* Direct imports into Quebec. † These are direct shipments from Nova Scotia and New Brunswick mines. Imports of briquettes are included with bituminous coal for January, February and March, 1948.

CHAPTER SIX
ONTARIO

Table 89.—Tonnage of Coal Retained in Ontario for Consumption, 1945-1948

—	1945	1946	1947	1948
(Short tons)				
ANTHRACITE—				
From—Great Britain, imported direct.....	6,104	7,516	2,993	.....
Great Britain, received ex-Montreal*	2,002,653	2,778,656	4,536	13,733
United States, imported direct.....	.....	.....	2,912,455	3,333,384
Total	2,008,757	2,786,172	2,919,984	3,347,123
BITUMINOUS—				
From—Great Britain, imported direct.....	.....	.....	.....	.....
Great Britain, received ex-Montreal	.....	.....	.....	.....
United States.....	14,665,315	15,697,704	17,818,899	19,140,229
Nova Scotia, received ex-mines.....	37	123	.....	.....
Nova Scotia, received ex-Montreal	.....	.....	.....	.....
New Brunswick, received ex-mines.....	.....	135	.....	.....
Alberta (including sub-bituminous).....	260,357	353,397	160,721	206,097
British Columbia.....	608	21,172	1,986	1,775
Total	14,932,317	16,072,531	17,981,606	19,318,101
LIGNITE—				
From—Saskatchewan.....	18,091	20,017	15,680	33,548
Total	18,091	20,017	15,680	33,548
Total all coal	16,939,165	18,878,720	20,917,270	22,728,771

* Includes a small quantity received ex-Saint John, New Brunswick, for year 1945.

NOTE.—Bituminous coal imported from United States as shown above, for 1947, includes 85,988 tons received in Ontario via Quebec ports.

Deductions have been made in the table for coal imported into Ontario and then transhipped to other provinces. The amounts deducted for 1947 are as follows:

	Short tons
Anthracite—to Manitoba.....	8,963
Bituminous—to New Brunswick.....	1,909
Quebec.....	488,997
Manitoba.....	1,139,261
Saskatchewan.....	150,381
Re-export, including ex-warehouse.....	23,448

NOTE.—Bituminous coal imported from the United States as shown above, for 1948, includes 147,288 tons received in Ontario via Quebec ports.

Deductions have been made in the table for coal imported into Ontario and then transhipped to other provinces. The amounts deducted for 1948 are as follows:

	Short tons
Anthracite—to Manitoba.....	11,182
Bituminous—to Quebec.....	444,060
Manitoba.....	1,106,548
Saskatchewan.....	224,600
Re-exported, including ex-warehouse.....	21,455

Table 90.—Exports of Canadian Coal through Ontario Ports, 1945-1948

Port	1945	1946	1947	1948
(Short tons)				
Fort Erie.....			10	20
Niagara Falls.....			59	60
Fort Frances.....	120			20
Sarnia.....			11	...
Sault Ste. Marie.....			135	...
Total.....	129		215	106

Table 92.—Sales of Coal and Coke by Retail

	1947				
	Kingston area	(a) Northern area	(b) Ottawa area	Toronto area	(c) Western area
(Short tons)					
ANTHRACITE—					
United States—Pea and larger.....	139,250	40,681	269,518	1,921,091	5,253
Other sizes.....	7,750	2,231	67,795	126,715	291
United Kingdom—Pea and larger.....	27	36	4,843	3,046	...
BITUMINOUS—					
United States—					
Low Volatile—Slack.....	93	966	338	28,201	3,235
Stoker.....	4,308	1,819	3,100	76,763	3,529
Other sizes.....	5,026	28,741	12,677	227,080	22,868
High Volatile—Slack.....	39,856	10,947	164,722	338,326	11,250
Stoker.....	49,629	74,632	82,980	407,282	38,771
Other sizes.....	23,268	46,804	39,277	249,978	13,301
Miscellaneous (including briquettes).....	9,250	9,283	5,808	80,711	30,604
Canadian—Bituminous.....	767	13,727	996	7,831	7,789
Domestic and lignite.....	1,779	24,798	3,139	24,436	17,791
Briquettes.....	1,038	8,849	1,465	15,732	5,004
Coke from coal.....	7,912	19,881	41,770	244,023	14,286
Petroleum Coke.....				1,789	28
Total coal and coke.....	290,553	233,295	695,428	3,753,601	174,609

Table 93.—Stocks of Coal and Coke held by Retail Fuel

	1947				
	Kingston area	(a) Northern area	(b) Ottawa area	Toronto area	(c) Western area
(Short tons)					
ANTHRACITE—					
United States—Pea and larger.....	19,559	4,605	37,137	128,996	2,785
Other sizes.....	3,068	416	16,623	28,563	...
United Kingdom—Pea and larger.....	496		1,484	1,889	...
BITUMINOUS—					
United States—					
Low Volatile—Slack.....	3	303	6	1,237	33
Stoker.....	852	145	566	21,368	233
Other sizes.....	947	4,745	2,085	21,850	587
High Volatile—Slack.....	6,988	319	40,351	112,555	64
Stoker.....	20,955	12,194	20,361	44,154	1,484
Other sizes.....	6,516	11,371	7,355	60,544	508
Miscellaneous (including briquettes).....	2,167	658	2,254	7,849	1,350
Canadian—Bituminous.....	201	1,055	148	1,378	441
Domestic and lignite.....	350	2,293	318	2,708	1,180
Briquettes.....	205	942	18	3,662	568
Coke—from coal.....	3,335	702	6,623	56,299	494
petroleum.....					
Total coal and coke.....	63,640	39,748	135,529	493,651	9,727

Table 91.—Imports* of Coal into Ontario, by Sources, 1947 and 1948

Source	1947			1948		
	Anthracite | Bituminous |		Total	Anthracite | Bituminous |		Total
(Short tons)						
<i>Central Ontario</i>						
United States.....	2,909,636	16,827,356	19,736,992	3,287,858	17,664,370	20,952,228
Great Britain.....	2,993	.....	2,993	.....	.....	.....
Total.....	2,912,629	16,827,356	19,739,985	3,287,858	17,664,370	20,952,228
<i>Head of Lakes</i>						
United States.....	11,782	2,709,531	2,721,313	58,708	3,125,254	3,181,962
United States.....	2,921,418	19,536,887	22,458,385	3,344,566	20,789,624	24,134,199
Great Britain.....	2,993	.....	2,993	.....	.....	.....
Total.....	2,924,411	19,536,887	22,461,298	3,344,566	20,789,624	24,134,199

* The total tonnage of foreign coal received at Ontario ports of entry. See page 4, section 2, for explanation.

Note—Imports of briquettes are included with Bituminous Coal for January, February and March, 1948.

Fuel Dealers in Ontario, 1947 and 1948

1948									
Windsor area	Total Ontario	Kingston area	(a) Northern area	(b) Ottawa area	Toronto area	(c) Western area	Windsor area	Total Ontario	
(Short tons)									
438,802	2,814,685	149,126	45,318	283,070	1,984,500	8,071	482,321	2,953,306	
15,379	220,161	7,301	2,164	68,114	138,234	674	15,539	232,026	
		119	122	2,136	1,438	.....	47	3,862
	7,852	163	81	6,844	22,807	.....	.....	29,835
6,619	39,452	122	1,018	.....	23,956	2,039	5,002	32,137
9,810	99,339	7,544	1,734	5,053	81,363	3,770	14,232	113,696	
100,529	396,921	3,990	30,155	12,600	205,242	28,601	95,999	376,587	
37,719	622,729	43,636	3,504	152,310	397,047	7,240	61,243	664,950	
122,488	775,781	55,416	92,515	101,023	462,006	38,775	125,154	874,889	
90,547	472,175	27,153	38,424	30,685	210,670	13,329	131,503	451,824	
18,144	153,800	10,320	14,212	7,761	101,627	24,978	25,453	181,351	
1,612	32,722	1,104	15,109	997	9,727	8,275	1,849	37,061	
25,623	97,566	1,675	25,159	2,909	26,369	18,178	24,948	99,428	
6,961	40,219	3,393	6,264	37	12,214	6,179	9,318	37,335	
81,810	420,282	6,853	20,815	29,347	185,326	10,115	63,396	315,832	
443	2,260	.....	.....	1,593	.....	.....	.....	1,593
895,576	6,196,065	317,905	296,534	702,976	3,864,119	171,124	1,056,064	6,408,722	

Dealers in Ontario at December 31, 1947 and 1948

1948									
Windsor area	Total Ontario	Kingston area	(a) Northern area	(b) Ottawa area	Toronto area	(c) Western area	Windsor area	Total Ontario	
(Short tons)									
46,226	239,308	25,350	9,037	41,465	233,191	3,793	85,643	398,179	
4,099	52,967	2,363	318	19,220	28,983	.....	3,752	54,634
		8	1	566	335	.....	4	914
	3,869	318	.....	963	2,498	.....	.....	3,779
1,104	2,746	3	1,004	.....	1,248	93	2,274	4,712
2,255	25,419	940	783	1,277	11,285	96	3,064	17,445	
18,529	48,713	954	4,733	2,586	41,947	799	29,388	80,107	
33,584	193,861	10,161	220	39,181	144,187	25	35,481	229,264	
37,059	136,207	22,872	11,228	31,118	74,241	1,328	58,270	199,057	
39,337	135,631	10,923	14,968	3,709	101,907	497	44,913	176,917	
3,151	17,429	2,024	2,093	1,737	18,836	1,249	6,875	30,814	
433	3,656	461	1,478	209	2,530	701	622	6,001	
2,057	9,306	349	4,102	323	3,578	1,625	2,342	12,319	
1,870	7,365	423	1,932	.....	1,698	682	2,198	6,933
15,469	82,922	1,697	506	4,026	31,090	704	17,046	55,078	
					837	.....	.....	837
296,133	919,829	78,846	25,500	146,380	696,100	11,592	291,872	1,277,590	

Table 94.—Consumption of Coal and Coke by Industrial Consumers* in Ontario, 1947 and 1948

	Kingston area	(a) Northern area	(b) Ottawa area	Toronto area	(c) Western area	Windsor area	Ontario Total
(Short tons)							
1947							
ANTHRACITE—							
Pen and larger.....	581	1,884	1,774	21,027	4	311	25,581
Other sizes.....	9	81	4,621	22,039	195	.....	26,945
BITUMINOUS—							
United States—							
Low volatile—Slack.....	265	55,015	82,033	32,724	82,070	341	252,448
Stoker.....		302	10	2,066	.....	1,605	4,523
Other sizes.....		1,846	178	2,050	25,895	827	36,284
High volatile—Slack.....	111,124	765,006	633,755	1,257,135	157,531	654,857	3,573,407
Stoker.....	61,713	85,469	82,610	312,730	9,289	46,225	588,946
Other sizes.....	3,809	50,636	15,984	184,298	123,360	347,506	734,593
Canadian—Bituminous—Domestic and Lignite.....		63,015	194	206	30,235	.....	93,650
.....				84	40	.....	130
Coke†—From coal.....	10,561	1,019,689	1,942	1,142,484	5,452	45,172	2,225,300
Petroleum.....				78,874	.....	348	79,222
Total coal and coke.....	179,368	2,050,274	825,873	3,060,102	469,019	1,180,953	7,616,129
1948							
ANTHRACITE—							
Pen and larger.....	635	1,961	48	20,103	134	221	23,102
Other sizes.....	14	70	6,835	41,217	299	57	48,492
BITUMINOUS—							
United States—							
Low volatile—Slack.....	284	11,977	88,262	22,223	72,429	64	195,249
Stoker.....	614	277	600	2,467	.....	1,228	5,186
Other sizes.....	479	147	2,255	24,994	788	3,933	32,596
High volatile—Slack.....	111,997	943,124	719,762	1,300,920	187,376	628,633	3,901,812
Stoker.....	51,975	69,566	86,250	340,023	4,569	57,517	699,960
Other sizes.....	4,725	101,030	15,173	205,667	146,450	413,316	886,361
Canadian—Bituminous—Domestic and lignite.....	9	81,784	1,000	799	15,581	.....	99,173
.....					11,670	.....	11,670
Coke†—From coal.....	10,537	1,117,952	2,622	1,157,788	4,640	40,639	2,340,178
Petroleum.....				89,490	.....	364	89,854
Total coal and coke.....	181,279	2,327,888	922,807	3,205,691	453,936	1,151,972	8,243,573

* Does not include firms using less than 500 tons of coal per annum.

† Figures for foundries using less than 500 tons of coal per annum are not included.

(a) Includes Northern Ontario and Northern Quebec.

(b) Includes part of Quebec along the Ottawa River Valley.

(c) Includes Northwestern Ontario.

Table 95.—Summary Coal Statistics for Ontario in 1947—Interprovincial Shipments Exports, and Imports, by Months and by Kinds, and Coal available for Consumption

Month	Canadian coal			Imported coal		Available for consumption
	Received from other Provinces	Exported		From U.S.A.		
		Total Ontario	Central Ontario	Head of Lakes	Central Ontario	From Great Britain
(Short tons)						
January—						
Anthracite				261,746		261,746
Bituminous	6,701			536,167	46,245	589,113
Sub-bituminous	15,731					15,731
Lignite	2,199					2,199
Total	24,631			797,913	46,245	868,789
February—						
Anthracite				236,446		236,446
Bituminous	4,783	10		480,499	22,106	507,378
Sub-bituminous	3,870					3,870
Lignite	684					684
Total	9,337	10		716,945	22,106	748,378
March—						
Anthracite				217,754		217,754
Bituminous	4,629			549,814		577,579
Sub-bituminous	5,365					5,365
Lignite	1,308					1,308
Total	11,302			767,568	23,136	802,006
April—						
Anthracite				332,694		332,694
Bituminous	4,903			716,150	44,427	765,480
Sub-bituminous	3,044					3,044
Lignite	1,013					1,013
Total	8,960			1,048,844	44,427	1,102,231
May—						
Anthracite				285,246		285,246
Bituminous	2,904			1,899,287		2,066,058
Sub-bituminous	4,797					4,797
Lignite	509					509
Total	8,210			2,184,533	163,867	2,356,610
June—						
Anthracite				210,906		210,906
Bituminous	2,144			1,991,554		2,307,985
Sub-bituminous	4,369					4,369
Lignite	824					824
Total	7,337			2,202,460	314,287	2,524,084
July—						
Anthracite				158,782		158,782
Bituminous	3,025			1,007,051	237,222	1,847,298
Sub-bituminous	3,087					3,087
Lignite	782					782
Total	6,894			1,765,833	237,222	2,010,011
August—						
Anthracite				178,895		178,895
Bituminous	3,168	70		1,930,845	281,998	2,215,941
Sub-bituminous	7,870					7,870
Lignite	800					800
Total	11,838	70		2,109,840	281,998	2,403,806
September—						
Anthracite				242,120		244,033
Bituminous	3,912			2,363,849	412,664	2,780,425
Sub-bituminous	11,458					11,458
Lignite	1,464					1,464
Total	16,834			2,605,969	412,664	3,037,380
October—						
Anthracite				254,419		258,526
Bituminous	5,312	49		1,851,526	380,605	2,237,394
Sub-bituminous	15,855					15,855
Lignite	1,989					1,989
Total	23,156	49		2,105,945	383,694	2,513,764

Table 95.—Summary Statistics for Ontario in 1947—Interprovincial Shipments, Exports and Imports, by Months and by Kinds, and Coal available for Consumption—Concluded

Month	Canadian coal			Imported coal			Available for consumption	
	Received from other Provinces	Exported		From U.S.A.		From Great Britain		
		Total Ontario	Central Ontario	Head of Lakes	Central Ontario	Head of Lakes		
(Short ton)								
November—								
Anthracite.....				261,569	1,872		263,441	
Bituminous.....	5,103	86		1,638,360	441,195		2,084,572	
Sub-bituminous.....	17,601						17,601	
Lignite.....	1,453						1,453	
Total.....	24,157	86		1,899,929	443,067		2,367,067	
December—								
Anthracite.....				268,950	6,821		275,780	
Bituminous.....	4,947			1,202,254	341,779		1,608,980	
Sub-bituminous.....	18,129						18,129	
Lignite.....	2,655						2,655	
Total.....	25,731			1,531,213	348,600		1,905,544	
Total—								
Anthracite.....				2,909,636	11,782	2,993	2,934,411	
Bituminous.....	51,531	215		16,827,356	2,709,531		19,588,203	
Sub-bituminous.....	111,176						111,176	
Lignite.....	15,680						15,680	
Total.....	178,387	215		19,736,992	2,721,313	2,993	22,639,170	

Table 96.—Summary Coal Statistics for Ontario in 1948—Interprovincial Shipments, Exports and Imports and Coal made Available for Consumption, by Months and by Kinds

Month	Canadian Coal			Imported from U.S.A.		Available for consumption	
	Received from other Provinces	Exported		Central Ontario	Head of Lakes		
		Total Ontario	Central Ontario	Head of Lakes	Central Ontario		
(Short tons)							
January—							
Anthracite.....				209,717	340	210,057	
Bituminous.....	4,827			480,976	38,188	523,991	
Sub-bituminous.....	15,750					15,756	
Lignite.....	1,445					1,445	
Total.....	22,028			690,693	38,528	751,249	
February—							
Anthracite.....				232,525	206	232,821	
Bituminous.....	1,360		20	453,349	51,042	506,331	
Sub-bituminous.....	3,700					3,700	
Lignite.....	1,973					1,973	
Total.....	7,033		20	685,874	51,938	744,825	
March—							
Anthracite.....				270,462	847	271,109	
Bituminous.....	8,172			463,224	65,395	536,791	
Sub-bituminous.....	8,786					8,786	
Lignite.....	3,227					3,227	
Total.....	20,185			733,886	66,042	819,913	
April—							
Anthracite.....				255,117	2,933	258,050	
Bituminous.....	10,570			400,132	106,176	516,878	
Sub-bituminous.....	4,663					4,663	
Lignite.....	1,872					1,872	
Total.....	17,105			655,249	109,109	781,463	
May—							
Anthracite.....				261,276	943	262,219	
Bituminous.....	9,408			2,063,687	366,483	2,439,578	
Sub-bituminous.....	2,757					2,757	
Lignite.....	1,085					1,085	
Total.....	13,850			2,324,963	367,426	2,706,239	

Table 96.—Summary Statistics for Ontario in 1948—Interprovincial Shipments, Exports, Imports and Coal Made Available for Consumption by Months and by Kinds—Concluded

Month	Canadian Coal		Imported from U.S.A.		Available for consumption	
	Received from other Provinces	Exported		Central Ontario	Head of Lakes	
		Total Ontario	Central Ontario	Head of Lakes		
(Short tons)						
June—						
Anthracite.....			267,062	2,362	269,424	
Bituminous.....	9,331		2,229,992	396,681	2,636,004	
Sub-bituminous.....	4,774				4,774	
Lignite.....	1,214				1,214	
Total.....	15,318		2,487,064	399,043	2,911,416	
July—						
Anthracite.....			194,900	1,580	196,480	
Bituminous.....	8,669		2,114,808	409,710	2,533,187	
Sub-bituminous.....	7,575				7,575	
Lignite.....	457				457	
Total.....	16,701		2,309,708	411,290	2,737,699	
August—						
Anthracite.....			308,963	3,180	312,143	
Bituminous.....	12,219		2,657,208	492,763	3,162,190	
Sub-bituminous.....	9,804				9,804	
Lignite.....	800				800	
Total.....	22,883		2,966,171	495,943	3,484,997	
September—						
Anthracite.....			327,834	7,088	334,922	
Bituminous.....	11,910	35	2,399,618	435,021	2,846,514	
Sub-bituminous.....	8,064				8,064	
Lignite.....	2,595				2,595	
Total.....	22,569	35	2,727,452	442,109	3,192,095	
October—						
Anthracite.....			310,379	16,976	327,355	
Bituminous.....	11,762		2,060,620	366,496	2,438,878	
Sub-bituminous.....	8,656				8,656	
Lignite.....	5,555				5,555	
Total.....	25,973		2,370,999	383,472	2,780,444	
November—						
Anthracite.....			307,773	9,192	316,965	
Bituminous.....	10,704		1,758,816	358,972	2,128,492	
Sub-bituminous.....	13,426				13,426	
Lignite.....	5,375				5,375	
Total.....	29,505		2,066,589	368,164	2,464,258	
December—						
Anthracite.....			341,850	11,171	353,021	
Bituminous.....	8,717	51	581,940	37,727	628,333	
Sub-bituminous.....	12,202				12,202	
Lignite.....	7,350				7,350	
Total.....	28,269	51	923,790	48,898	1,000,906	
Total—						
Anthracite.....			3,287,858	56,708	3,344,568	
Bituminous.....	107,649	86	17,664,370	3,125,254	20,997,167	
Sub-bituminous.....	100,223				100,223	
Lignite.....	33,548				33,548	
Total.....	241,420	86	20,952,228	3,181,862	21,375,304	

Imports of briquettes are included with bituminous coal for January, February and March, 1948.

CHAPTER SEVEN

MANITOBA

Table 97.—Exports of Canadian Coal through Manitoba Ports, 1945-1948

Port	1945	1946	1947	1948
(Short tons)				
Brandon.....	465	14	.....	.....
Emerson.....	13	450	130	82
Gretna.....	.....	.....	.....	43
Sprague.....	518	85	249	.....
Winnipeg.....	.....	.....	.....	.....
Total	996	549	379	125

Table 98.—Imports* of Coal into Manitoba and Head of Lakes, by Sources, 1947 and 1948

Sources	1947			1948		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
(Short tons)						
MANITOBA—						
United States.....	10,797	25,797	36,594	3,197	57,520	60,717
Great Britain.....	354	354	354	.....	.....	.....
Total	10,797	26,151	36,948	3,197	57,520	60,717
HEAD OF LAKES—						
United States.....	11,782	2,700,531	2,721,313	56,708	3,125,254	3,181,962
Total	22,579	2,735,328	2,757,907	59,905	3,182,774	3,242,679
Great Britain.....	354	354	354	.....	.....	.....
Grand Total	22,579	2,735,682	2,758,261	59,905	3,182,774	3,242,679

* The total tonnage of foreign coal received at ports of entry in Manitoba and Head of Lakes. See page 4, section 2, for explanation.

NOTE.—Imports of briquettes are included with bituminous coal for January, February and March, 1948. Imports of lignite are included with bituminous coal.

Table 99.—Sales of Coal and Coke by Retail Fuel Dealers in Manitoba, 1947 and 1948

	1947	1948
(Short tons)		
ANTHRACITE—		
United States—Pea and larger.....	1,826	1,507
Other sizes.....	2	2
BITUMINOUS—		
United States—		
Low volatile—Slack.....	4,361	3,109
Stoker.....	5,125	2,928
Other sizes.....	5,257	5,839
High volatile—Slack.....	2,637	2,253
Stoker.....	60,168	77,475
Other sizes.....	3,858	7,293
Miscellaneous—Including briquettes.....	61,825	38,542
Canadian—Bituminous.....	128,585	123,951
Domestic and lignite.....	771,078	864,311
Briquettes.....	69,088	89,362
Coke from coal.....	55,503	50,195
Total coal and coke	1,169,371	1,266,767

Table 100.—Stocks of Coal and Coke held by Retail Fuel Dealers in Manitoba on December 31, 1947 and 1948

	1947	1948
	(Short tons)	
ANTHRACITE—		
United States—Pea and larger.	301	214
Other sizes.		
BITUMINOUS—		
United States—		
Low volatile—Slack.	790	379
Stoker.	938	348
Other sizes.	1,541	801
High volatile—Slack.	636	
Stoker.	10,645	8,370
Other sizes.	342	1,269
Miscellaneous—Including briquettes.	8,273	4,690
Canadian—Bituminous.	14,958	21,236
Domestic and lignite.	44,323	33,201
Briquettes.	7,283	14,391
Coke from coal.	5,221	2,537
Total coal and coke	95,251	87,436

Table 101.—Consumption of Coal and Coke by Industrial Consumers* in Manitoba 1947 and 1948

	1947	1948
	(Short tons)	
Anthracite—Blower sizes.	12,552	12,613
Bituminous—		
United States—		
Low volatile—Slack.	986	878
Stoker.	44	1,096
Other sizes.	428	381
High volatile—Slack.	2,714	7,785
Stoker.	676	3,054
Other sizes.	2,555	4,730
Canadian—Bituminous.	192,030	197,414
Domestic and lignite.	160,980	200,600
Coke†—From coal.	18,770	19,755
Total coal and coke	391,735	448,396

* Does not include firms using less than 500 tons of coal per annum.

† Figures for foundries using less than 500 tons of coal per annum are not included.

Table 102.—Summary Coal Statistics for Manitoba in 1947—Interprovincial Shipments Exports and Imports (exclusive of Tonnage Cleared at Head of Lakes, some of which entered Manitoba), by Months and by Kinds, and Coal available for Consumption

Month	Canadian coal		Imported coal		Available for consumption
	Received from other provinces	Exported	From U.S.A.	From Great Britain	
(Short tons)					
JANUARY—					
Anthracite.			1,434		1,434
Bituminous.	43,307	40	1,806		450,73
Sub-bituminous.	40,047				40,647
Lignite.	113,135				113,135
Total	197,089	40	3,240		200,289
FEBRUARY—					
Anthracite.			1,000		1,000
Bituminous.	33,773	41	1,504		35,236
Sub-bituminous.	25,170				25,170
Lignite.	76,525				76,525
Total	135,468	41	2,504		137,931
MARCH—					
Anthracite.			983		983
Bituminous.	39,453	42	3,045		42,456
Sub-bituminous.	28,039				28,939
Lignite.	92,296	41			92,245
Total	160,678	83	4,028		164,623

Table 102.—Summary Coal Statistics for Manitoba in 1947—Interprovincial Shipments, Exports and Imports (exclusive of Tonnage Cleared at Head of Lakes, some of which entered Manitoba), by Months and by Kinds, and Coal available for Consumption—Concluded

Month	Canadian coal		Imported coal		Available for consumption
	Received from other provinces	Exported	From U.S.A.	From Great Britain	
(Short tons)					
April—					
Anthracite.....			1,031		1,031
Bituminous.....	35,006		2,408		37,414
Sub-bituminous.....	23,792				23,792
Lignite.....	50,526				50,526
Total.....	109,324		3,439		112,763
May—					
Anthracite.....			1,078		1,078
Bituminous.....	31,882	43	2,515		34,354
Sub-bituminous.....	22,115				22,115
Lignite.....	30,703				30,703
Total.....	84,700	43	3,593		88,340
June—					
Anthracite.....			526		526
Bituminous.....	32,018	87	2,229		34,160
Sub-bituminous.....	22,709				22,709
Lignite.....	29,731				29,731
Total.....	84,458	87	2,755		87,126
July—					
Anthracite.....			844		844
Bituminous.....	30,401		1,697		32,098
Sub-bituminous.....	12,353				12,353
Lignite.....	21,384				21,384
Total.....	64,138		2,541		66,679
August—					
Anthracite.....			477		477
Bituminous.....	33,992		697		34,689
Sub-bituminous.....	23,827				23,827
Lignite.....	34,627				34,627
Total.....	92,446		1,174		93,620
September—					
Anthracite.....			885		885
Bituminous.....	36,751	42	2,034		38,743
Sub-bituminous.....	23,904				23,991
Lignite.....	73,589				73,589
Total.....	134,331	42	2,919		137,208
October—					
Anthracite.....			917		917
Bituminous.....	45,054		1,756	354	47,104
Sub-bituminous.....	32,403				32,403
Lignite.....	103,973	43			103,930
Total.....	181,430	43	2,673	35	184,414
November—					
Anthracite.....			693		693
Bituminous.....	41,901		2,633		44,434
Sub-bituminous.....	33,059				33,059
Lignite.....	118,529				118,529
Total.....	193,389		3,326		190,715
December—					
Anthracite.....			929		929
Bituminous.....	45,692		3,468		49,160
Sub-bituminous.....	37,403				37,403
Lignite.....	147,082		5		147,087
Total.....	230,177		4,402		234,579
Total—					
Anthracite.....			10,797		10,797
Bituminous.....	449,130	295	25,792	354	474,981
Sub-bituminous.....	326,408				326,408
Lignite.....	892,180	84	5		892,101
Total.....	1,667,718	379	36,591	354	1,764,287

Table 103.—Summary Coal Statistics for Manitoba in 1948—Interprovincial Shipments, Exports, Imports and Coal made available for Consumption (exclusive of Tonnage Cleared at Head of Lakes, some of which entered Manitoba), by Months and by Kinds

Month	Canadian coal		Imported from U.S.A.	Available for consumption
	Received from other provinces	Exported		
(Short tons)				
JANUARY—				
Anthracite.....	..		752	752
Bituminous.....	19,803		8,947	28,750
Sub-bituminous.....	24,806			24,806
Lignite.....	143,961			143,961
Total.....	188,570		9,699	198,269
February—				
Anthracite.....			938	938
Bituminous.....	14,937		20,020	34,957
Sub-bituminous.....	17,311			17,311
Lignite.....	119,786			119,786
Total.....	152,034		20,058	172,992
March—				
Anthracite.....			302	302
Bituminous.....	48,457		6,766	55,223
Sub-bituminous.....	28,510			28,510
Lignite.....	123,808			123,808
Total.....	200,775		7,068	207,843
April—				
Anthracite.....			133	133
Bituminous.....	41,288		1,774	43,062
Sub-bituminous.....	22,264			22,264
Lignite.....	57,475			57,475
Total.....	121,027		1,907	122,934
May—				
Anthracite.....			100	100
Bituminous.....	33,103		2,632	35,735
Sub-bituminous.....	16,637			16,637
Lignite.....	22,587			22,587
Total.....	72,327		2,732	75,059
June—				
Anthracite.....			77	77
Bituminous.....	38,131		828	38,959
Sub-bituminous.....	22,817			22,817
Lignite.....	21,843			21,843
Total.....	82,791		905	83,696
July—				
Anthracite.....			83	83
Bituminous.....	33,071		1,276	34,347
Sub-bituminous.....	14,034			14,034
Lignite.....	19,322			19,322
Total.....	66,427		1,359	67,786
August—				
Anthracite.....			367	367
Bituminous.....	38,534	82	2,098	40,550
Sub-bituminous.....	20,640			26,640
Lignite.....	40,133			40,133
Total.....	105,307	82	2,465	107,890
September—				
Anthracite.....			147	147
Bituminous.....	41,242		2,541	43,783
Sub-bituminous.....	25,221			25,221
Lignite.....	69,260			69,260
Total.....	135,723		2,688	138,411

Table 103.—Summary Coal Statistics for Manitoba in 1948—Interprovincial Shipments, Exports, Imports and Coal made available for Consumption (exclusive of Tonnage Cleared at Head of Lakes, some of which entered Manitoba) by Months and by Kinds—Concluded

Month	Canadian coal		
	Received from other provinces	Exported	Imported from U.S.A.
(Short tons)			
October—			
Anthracite.....			168
Bituminous.....	34,579		1,681
Sub-bituminous.....	32,767		
Lignite.....	123,256		
Total.....	190,602		1,849
			192,451
November—			
Anthracite.....			37
Bituminous.....	42,456		2,959
Sub-bituminous.....	60,868		
Lignite.....	66,255		
Total.....	169,579		2,996
			172,575
December—			
Anthracite.....			93
Bituminous.....	50,686	43	5,998
Sub-bituminous.....	61,455		
Lignite.....	104,068		
Total.....	216,209	43	6,091
			222,257
Total—			
Anthracite.....			3,197
Bituminous.....	436,287	125	57,520
Sub-bituminous.....	353,330		
Lignite.....	911,754		
Total.....	1,701,371	125	60,717
			1,761,963

Imports of briquettes are included with bituminous coal for Jan., Feb. and Mar. 1948.

Imports of lignite are included with bituminous coal for 1948.

CHAPTER EIGHT
SASKATCHEWAN

Table 104.—Output of Coal from Saskatchewan Mines, 1929-1948

Calendar year	Short tons	Value at mines		Calendar year	Short tons	Value at mines
		\$				\$
1929.....	580,189	993,226	1939.....		960,000	1,255,862
1930.....	579,424	968,863	1940.....		1,097,517	1,408,540
1931.....	602,836	945,259	1941.....		1,322,783	1,713,478
1932.....	887,139	1,229,449	1942.....		1,301,116	1,760,065
1933.....	927,640	1,285,996	1943.....		1,065,972	2,432,249
1934.....	909,288	1,241,130	1944.....		1,372,706	2,034,914
1935.....	921,785	1,293,668	1945.....		1,532,905	2,327,082
1936.....	1,020,792	1,463,680	1946.....		1,523,480	2,544,092
1937.....	1,049,348	1,494,337	1947.....		1,571,147	2,928,812
1938.....	1,022,100	1,380,416	1948.....		1,589,172	3,020,305

Note.—For the years 1929-1948 the tonnage shown is the total output from all mines; for previous years the figures given include only sales, colliery consumption and coal used by the operators.

Table 105.—Output of Coal from Saskatchewan Mines, by Months, 1945-1948

Month	1945	1946	1947	1948	(Short tons)
January.....	203,838	210,991	189,588	224,430	
February.....	149,410	173,901	138,213	193,944	
March.....	112,395	120,594	155,155	206,967	
April.....	91,399	67,670	88,431	104,617	
May.....	79,251	66,034	64,944	50,695	
June.....	44,707	51,033	62,805	48,140	
July.....	44,946	54,256	32,217	30,576	
August.....	53,190	64,183	62,687	67,287	
September.....	105,851	125,840	134,139	135,893	
October.....	220,345	184,872	200,244	239,546	
November.....	224,086	196,217	205,570	122,286	
December.....	203,477	207,898	239,154	164,791	
Total.....	1,532,995	1,523,489	1,571,147	1,589,172	

Table 106.—Output of Coal by Principal Collieries in Saskatchewan for 1946-1948

Name	Address	1946	1947	1948
		(Short tons)		
Eastern Collieries of Bienfait.....	Estevan.....	128,464	127,692	116,166
Havannah Collieries Ltd.....	Estevan.....	35,337	16,494	9,767
Jenish Bros.....	Estevan.....	17,113	13,230	7,471
Manitoba and Saskatchewan Coal Co., Ltd.....	503 Avenue Block, Winnipeg, Man.....	286,901	213,299	237,907
North West Coal Co. (A. Konopaki).....	Bienfait.....	14,300	17,097	25,491
Roche Perce Coal Mining Co. Ltd.....	Roche Perce.....	137,818	185,358	153,330
South Cambrian Ltd.....	Pinto.....	39,652	32,083	21,290
Western Dominion Coal Mines Ltd.....	Taylorton.....	821,522	817,177	980,344
All other operators.....		42,382	148,717	37,406
Total.....		1,523,489	1,571,147	1,589,172

Table 107.—Disposition of Coal from Saskatchewan Mines, by Grades, 1947 and 1948

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut- slack	Slack	Total							
							Tons	Value at mines						
(Short tons)														
1947														
Supplied to employees for domestic consumption.....	805	1,944	190	60	10	1	3,010	4,540						
Shipped as per Table 108.....	32,821	300,235	306,204	622,175	80,376	195,425	1,537,236	2,897,102						
Used under colliery boilers, etc.....	2,704	342	4,862	2,025	337	8,180	18,450	19,103						
Used by company's railroads.....		2,976	2,321	755	127		6,179	8,236						
Put on bank.....	6	1,945	4,237	12,464	59	11,582	30,293	31,343						
Put on waste heap.....							6,467	xx x						
Total disposition.....	36,336	307,442	317,814	637,479	80,900	215,188	1,601,635	2,960,324						
Lifted from bank.....		1,937	4,384	14,603	38	9,526	30,488	31,512						
Lifted from waste heap.....														
Total output	36,336	305,505	313,430	622,876	80,871	205,662	1,571,137	2,928,812						
1948														
Supplied to employees for domestic consumption.....	646	1,766	139	6			2,557	3,526						
Shipped as per Table 108.....	30,400	294,785	304,965	629,710	83,554	213,246	1,556,660	2,988,696						
Used under colliery boilers, etc.....	4,966	174	3,692	1,639	450	6,651	17,572	21,280						
Used by company's railroads.....		2,134	3,083				5,217	6,814						
Used in making coke at colliery.....														
Used in making briquettes.....														
Put on bank.....		1,064	4,332	10,903	421	10,967	27,657	27,988						
Put on waste heap.....							7,078	xx x						
Total disposition.....	36,012	299,923	316,211	642,258	84,425	230,864	1,616,771	3,048,298						
Lifted from bank.....		1,094	4,348	10,870	421	10,866	27,599	27,993						
Lifted from waste heap.....														
Total output	36,012	298,829	311,863	631,388	84,004	219,998	1,589,172	3,020,305						

Table 108.—Shipments of Coal from Saskatchewan Mines, by Grades and Destination 1947 and 1948

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut- slack	Slack	Total							
							(Short tons)							
1947														
Saskatchewan—														
(a) Shipments to industrial consumers and to dealers.....	390	147,445	75,414	183,498	56,759	99,291	567,797							
(b) Sales direct to domestic customers, except to employees.....	32,290	16,008	3,825	7,082	417	606	60,228							
Manitoba.....		135,374	215,693	422,877	22,788	95,448	892,180							
Ontario.....		377	11,239	3,578	406	80	15,680							
United States.....	141	1,031	33	140	6		1,351							
Total	32,821	300,235	306,204	622,175	80,376	195,425	1,537,236							
1948														
Saskatchewan—														
(a) Shipments to industrial consumers and to dealers for resale.....	515	132,991	73,042	183,070	68,679	102,458	560,755							
(b) Sales direct to domestic consumers, except to employees.....	29,220	12,507	2,985	4,167		233	49,118							
Manitoba.....	408	147,665	214,771	437,331	1,024	110,555	911,754							
Ontario.....		718	14,035	4,944	13,851		33,518							
United States.....	251	904	132	198			1,485							
Total	38,400	294,785	304,965	629,710	83,554	213,246	1,556,660							

Table 109.—Exports of Canadian Coal through Saskatchewan Ports, 1945-1948

Port	1945	1946	1947	1948
(Short tons)				
Moose Jaw.....	1,249	601	591	329
North Portal.....	14,980	6,930	7,704	9,982
Regina.....	45			
Total	16,280	7,621	8,355	10,311

Table 110.—Imports* of Coal into Saskatchewan by Source, 1947 and 1948

Source	1947		1948	
	Anthracite | Bituminous	Total	Anthracite | Bituminous	Total
	(Short tons)			
United States.....	600	600	485	485

* The total tonnage of foreign coal received at Saskatchewan ports of entry. See page 4, section 2, for explanation.

Note.—Imports of lignite are included with bituminous coal.

Table 111.—Sales of Coal and Coke by Retail Fuel Dealers in Saskatchewan, 1947 and 1948

	1947		1948	
	(Short tons)			
BITUMINOUS—				
United States—				
Miscellaneous—Including briquettes.....		1,281		701
Canadian—Bituminous.....		61,996		53,375
Domestic and lignite.....		1,287,013		1,274,240
Briquettes.....		26,653		33,012
Coke from coal.....		875		1,015
Total coal and coke		1,377,818		1,362,343

Table 112.—Stocks of Coal and Coke by Retail Fuel Dealers in Saskatchewan on December 31, 1947 and 1948

	Dec. 31,	
	1947	1948
(Short tons)		
BITUMINOUS—		
United States—		
Miscellaneous—Including briquettes.....	438	340
Canadian—Bituminous.....	6,204	4,611
Domestic and lignite.....	79,341	80,348
Briquettes.....	7,691	8,293
Coke from coal.....		195
Total coal and coke	93,869	83,562

Table 113.—Consumption of Coal and Coke by Industrial Consumers* in Saskatchewan 1947 and 1948

	1947		1948	
	(short tons)			
BITUMINOUS—				
United States—				
High volatile—Slack.....		953		
Canadian—Bituminous.....		7,564		8,983
Domestic and lignite.....		358,461		353,253
Total coal and coke		366,978		362,236

* Does not include firms using less than 500 tons of coal per annum.

Table 114.—Summary Coal Statistics for Saskatchewan in 1947—Output, Exports, Interprovincial Shipments and Imports, by Months and by Kinds, and Coal available for Consumption

Month	Canadian coal				Imported from U.S.A.	Available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
(Short tons)						
January—						
Bituminous.....	25,131					25,131
Sub-bituminous.....	141,665					141,665
Lignite.....	189,588		115,334	2,183		72,071
Total.....	189,588	166,796	115,334	2,183		238,867
February—						
Bituminous.....	22,753					22,753
Sub-bituminous.....	111,329					111,329
Lignite.....	138,213		77,209	11		60,993
Total.....	138,213	134,082	77,209	11		195,075
March—						
Bituminous.....	24,325				40	24,365
Sub-bituminous.....	117,410				33	117,410
Lignite.....	155,155		93,594	1,349		60,245
Total.....	155,155	141,735	93,594	1,349	73	202,020
April—						
Bituminous.....	18,812			1	85	18,896
Sub-bituminous.....	100,636					100,636
Lignite.....	86,431		51,539			34,892
Total.....	86,431	119,448	51,539	1	85	154,424
May—						
Bituminous.....	15,821				88	15,909
Sub-bituminous.....	90,826					90,826
Lignite.....	64,944		31,302	2		33,640
Total.....	64,944	106,647	31,302	2	88	140,375
June—						
Bituminous.....	15,563				44	15,607
Sub-bituminous.....	92,503					92,503
Lignite.....	62,805		30,555			32,250
Total.....	62,805	108,066	30,555		44	140,360
July—						
Bituminous.....	9,930				93	10,023
Sub-bituminous.....	47,937					47,937
Lignite.....	32,217		23,166			10,051
Total.....	32,217	57,867	22,166		93	68,011
August—						
Bituminous.....	16,452					16,452
Sub-bituminous.....	91,561					91,561
Lignite.....	62,687		35,427			27,260
Total.....	62,687	108,013	35,427			135,273
September—						
Bituminous.....	18,839			92	85	18,832
Sub-bituminous.....	94,202					94,202
Lignite.....	134,139		75,053			59,086
Total.....	134,139	113,041	75,053	92	85	172,120
October—						
Bituminous.....	22,276			462	39	21,853
Sub-bituminous.....	115,729					115,729
Lignite.....	200,244		105,962	1,080		93,202
Total.....	200,244	138,005	105,962	1,542	39	230,784
November—						
Bituminous.....	23,053			240	86	22,890
Sub-bituminous.....	122,719					122,719
Lignite.....	205,570		119,982	489		85,099
Total.....	205,570	145,772	119,982	738	86	230,708
December—						
Bituminous.....	24,647					24,647
Sub-bituminous.....	120,876					120,876
Lignite.....	239,154		149,737	2,437	7	86,987
Total.....	239,154	154,523	149,737	2,437	7	241,510
Total—						
Bituminous.....	237,002			864	560	237,358
Sub-bituminous.....	1,256,393					1,256,393
Lignite.....	1,571,147		907,860	7,551	40	655,776
Total.....	1,571,147	1,493,993	907,860	8,355	600	2,149,527

Table 115.—Summary Coal Statistics for Saskatchewan in 1948—Output, Exports
Interprovincial Shipments, Imports and Coal Available for Consumption, by
Months and by Kinds

Month	Canadian coal				Imported from U.S.A.	Available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
(Short tons)						
January—						
Bituminous.....		10,275				10,275
Sub-bituminous.....		80,348				80,348
Lignite.....	224,430		145,406	208		78,816
Total.....	224,430	90,623	145,406	208		169,439
February—						
Bituminous.....		8,340				8,471
Sub-bituminous.....		54,388				54,388
Lignite.....	193,944		121,759	78		72,107
Total.....	193,944	62,728	121,759	78	131	134,968
March—						
Bituminous.....		22,469				22,469
Sub-bituminous.....		107,887				107,887
Lignite.....	206,967		127,035	72		78,860
Total.....	206,967	130,356	127,035	72		210,216
April—						
Bituminous.....		21,347				21,347
Sub-bituminous.....		97,139				97,139
Lignite.....	104,617		59,347	41		45,229
Total.....	104,617	118,486	59,347	41		163,715
May—						
Bituminous.....		15,101				15,183
Sub-bituminous.....		79,797				78,797
Lignite.....	50,695		24,272			26,423
Total.....	50,695	94,898	24,272		82	121,403
June—						
Bituminous.....		16,340				16,340
Sub-bituminous.....		106,204				106,204
Lignite.....	48,140		23,057			25,083
Total.....	48,140	122,544	23,057			147,627
July—						
Bituminous.....		10,373				10,373
Sub-bituminous.....		58,485				58,485
Lignite.....	30,576		19,779			10,797
Total.....	30,576	68,858	19,779			79,655
August—						
Bituminous.....		17,240				17,240
Sub-bituminous.....		100,451				100,451
Lignite.....	67,287		40,933			26,354
Total.....	67,287	117,691	40,933			144,045
September—						
Bituminous.....		16,471				16,471
Sub-bituminous.....		97,654				97,654
Lignite.....	135,893		71,855	472		63,560
Total.....	135,893	114,125	71,855	472		177,691
October—						
Bituminous.....		16,665				16,665
Sub-bituminous.....		116,783				116,783
Lignite.....	239,546		128,811	466		110,260
Total.....	239,546	133,448	128,811	466		243,717
November—						
Bituminous.....		20,880				104
Sub-bituminous.....		147,217				147,217
Lignite.....	122,286		71,630	130		50,526
Total.....	122,286	168,097	71,630	130	104	218,727
December—						
Bituminous.....		22,646				108
Sub-bituminous.....		144,813				144,813
Lignite.....	164,791		111,418	18		53,355
Total.....	164,791	167,459	111,418	18	168	220,982
Total—						
Bituminous.....		198,147				485
Sub-bituminous.....		1,191,164				1,191,166
Lignite.....	1,589,172		945,302	1,485		642,385
Total.....	1,589,172	1,389,313	945,302	1,485	485	2,032,183

* Export figures are taken from coal operators' statements, and show actual amounts of the provinces output which were shipped direct for export. Some of the coal shipped to other provinces may also have been exported.

Table 116.—Employment at Coal Mines in Saskatchewan, 1944-1948

	1944	1945	1946	1947	1948
Average number of employees—					
Surface.....	309	316	337	307	320
Underground.....	346	249	149	182	108
Total.....	655	565	486	489	428
Man-days worked—					
Surface.....	75,329	75,345	89,763	75,593	75,573
Underground.....	83,164	56,559	36,164	43,474	23,401
Total.....	158,493	131,904	125,927	119,067	98,974
Average number of man-days worked during year—					
By surface employees.....	247	238	266	246	236
By underground employees.....	240	227	243	238	217
By all employees.....	243	233	259	243	231

Table 117.—Employment and Work Done, by Months, at Coal Mines in Saskatchewan in 1947 and 1948

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
1947						
January.....	360	239	599	7,906	3,946	11,852
February.....	336	231	567	6,513	4,127	10,640
March.....	321	203	524	7,606	3,946	11,532
April.....	264	141	405	4,972	2,659	7,624
May.....	254	121	375	4,907	2,503	7,410
June.....	254	125	379	4,740	2,494	7,234
July.....	255	124	379	3,496	2,813	6,309
August.....	205	137	402	5,154	2,579	7,133
September.....	289	160	449	6,021	3,000	9,021
October.....	335	222	557	7,546	5,036	12,582
November.....	371	242	613	7,912	5,431	13,343
December.....	381	235	616	8,820	4,947	13,767
Total.....				75,593	43,474	119,067
1948						
January.....	373	217	590	9,684	4,010	13,694
February.....	393	200	593	7,509	3,790	11,299
March.....	368	187	555	8,177	3,823	12,000
April.....	300	143	443	5,639	2,581	8,120
May.....	275	92	367	4,639	1,255	5,894
June.....	263	19	282	5,338	322	5,660
July.....	260	29	289	3,369	236	3,628
August.....	288	49	337	5,843	749	6,592
September.....	349	64	413	7,294	1,105	8,399
October.....	384	116	500	8,537	2,327	10,864
November.....	376	111	487	4,469	1,974	6,442
December.....	207	66	273	5,175	1,207	6,382
Total.....				75,573	23,401	98,974

Note:—Employees, Salaries and Wages - See Table 168.

Table 118.—Employment at Coal Mines in Saskatchewan, by Classes, 1947 and 1948

Classification	Surface	Under-ground	Total
1947			
UNDERGROUND MINING			
SALARIED EMPLOYEES—			
1. Mine manager, underground manager, overman, pit bosses, fire bosses, foremen, etc.	2	6	8
2. Administrative and office staff	12		12
Total	14	6	20
WAGE-EARNERS—			
3. Foremen and other officials on wages	1	5	6
4. Miners; all men on hand and mechanical production		106	106
5. Maintenance: timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.	4	20	24
6. Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen	7	40	47
7. Tipple, preparation and shipping	18		18
8. Powerhouse, boilers and shops	11		11
9. Miscellaneous	13	5	18
Total	54	176	230
STRIP MINING			
(Include employees of contractors)			
Salaried employees	27		27
Wage-earners	212		212
TOTAL EMPLOYMENT			
Total salaried employees	41	6	47
Total wage-earners	266	176	442
Total	307	182	489
1948			
UNDERGROUND MINING			
SALARIED EMPLOYEES—			
Mine manager, underground manager, overman, pit bosses, fire bosses, foremen, etc.	1	3	4
Administrative and office staff	6		6
Total	7	3	10
WAGE-EARNERS—			
Foremen and other officials on wages		3	3
Miners; all men on hand and mechanical production		72	72
Maintenance: timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.	1	10	11
Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen	5	18	23
Tipple, preparation and shipping	10		10
Powerhouse, boilers and shops	6		6
Miscellaneous	6	2	8
Total	28	105	133
STRIP MINING			
(Include employees of contractors)			
Salaried employees	34		34
Wage-earners	251		251
TOTAL EMPLOYMENT			
Total salaried employees	41	3	44
Total wage-earners	279	105	384
Total	320	108	428

CHAPTER NINE

ALBERTA†

Table 119.—Output of Coal from Alberta Mines, 1926-1948

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1926.....	6,503,705	20,886,103	1938.....	5,251,233	13,698,470
1927.....	6,934,162	21,982,058	1939.....	5,519,208	14,415,281
1928.....	7,336,330	23,532,414	1940.....	6,203,839	16,377,959
1929.....	7,150,693	22,928,182	1941.....	6,969,962	19,382,471
1930.....	5,755,528	18,063,225	1942.....	7,754,053	22,624,410
1931.....	4,564,015	13,342,875	1943.....	7,676,726	24,030,686
1932.....	4,870,646	13,526,309	1944.....	7,428,708	26,814,937
1933.....	4,718,788	12,307,258	1945.....	7,800,151	27,751,377
1934.....	4,753,810	12,556,090	1946.....	8,826,311	33,441,930
1935.....	5,462,804	14,094,795	1947.....	8,070,430	36,439,095
1936.....	5,696,960	14,659,705	1948.....	8,123,255	42,217,440
1937.....	5,562,839	14,563,911			

Table 120.—Output of Coal from Alberta Mines, by Months, 1945-1948

Month	1945	1946	1947	1948	(Short tons)
January.....	784,260	934,155	813,427	508,180	
February.....	699,490	837,108	620,709	360,235	
March.....	659,741	762,860	674,857	704,071	
April.....	592,276	631,688	615,086	697,081	
May.....	519,380	662,030	609,642	587,771	
June.....	616,220	638,121	594,094	643,048	
July.....	528,900	623,224	518,285	551,860	
August.....	670,449	767,323	621,010	717,232	
September.....	565,686	714,556	665,968	658,427	
October.....	439,985	764,039	723,818	806,877	
November.....	898,938	732,590	803,676	973,795	
December.....	824,626	758,617	808,958	914,678	
Total.....	7,800,151	8,826,311	8,070,430	8,123,255	

† See page 7 for change in the classification of Alberta coal.

Table 121.—Output of Coal by Districts, in Alberta, 1946-1948

District	1946	1947	1948
	(Short tons)		
BITUMINOUS—			
Cascade*	313,608	281,665	337,503
Coalspur	832,987	752,244	782,206
Crowsnest	2,256,744	1,968,070	1,915,350
Halcourt	1,708	923	633
Highwood			1,001
Lethbridge	469,618	462,322	395,647
Morley	1,238	1,573	915
Mountain Park	1,109,565	951,840	1,121,553
Nordegg	333,368	343,720	319,418
Pekisko	1,887	3,387	4,200
Pincher	488	681	697
Prairie Creek	60	595	853
Saunders	68,147	65,342	54,482
Total Bituminous	5,389,418	4,835,371	4,934,458
SUB-BITUMINOUS—			
Ardley	12,233	15,415	23,841
Big Valley	10,106	14,230	18,344
Brooks	130,614	134,643	135,826
Camrose	90,775	83,512	102,918
Carbon	78,155	70,786	66,685
Castor	71,166	71,376	104,154
Champion	7,375	7,924	6,331
Drumheller	1,946,226	1,857,461	1,682,052
Edmonton	478,677	492,499	436,981
Gleichen	10,678	14,944	14,371
Milk River	1,628	1,062	1,661
Pakowki	123	16	
Pembina	61,275	94,253	112,595
Redcliff	8,427	8,603	12,461
Rochester	5,949	5,748	7,207
Sheerness	56,209	54,194	56,650
Slave			180
Taber	289,871	128,447	121,097
Tofield	168,641	177,120	281,329
Westlock	907	719	2,212
Wetaskiwin	1,389	1,516	1,653
Whitecourt	79	231	60
Area not designated	390	330	189
Total Sub-bituminous	3,436,893	3,235,059	3,188,797
Total Alberta	8,826,311	8,070,430	8,123,255

* Includes a small quantity of anthracite coal.

Table 122.—Output of Coal by Principal Collieries in Alberta, 1946-1948

Name and address	1946	1947	1948
	(Short tons)		
BITUMINOUS			
CASCADE DISTRICT—			
Canmore Mines, Ltd., Canmore	311,253	278,677	271,763
Kananskis Exploration and Development Co., Calgary	2,355	2,988	63,852
All other operators			1,888
Total	313,608	281,665	337,503
COALSPUR DISTRICT—			
Coal Valley Mining Co., Ltd., Edmonton	195,597	188,912	234,133
Foothills Collieries, Ltd., Foothills	111,909	107,868	103,387
Lakeside Coal Ltd., Edmonton	25,416		
McLeod River Hard Coal Co., (1941) Ltd., Nanaimo, B.C.	305,321	288,648	252,817
Sterling Collieries Ltd., Edmonton	177,171	158,156	100,620
Thirty-Two Collieries Ltd., Edmonton (Bryon Hard Coal Co. Ltd., Dec. 1945)	17,573	8,660	1,249
Total	832,987	752,244	782,206
CROWSNEST DISTRICT—			
Hillcrest Mohawk Collieries Ltd., Bellevue	354,402	280,059	273,490
International Coal and Coke Co., Ltd., Coleman	456,648	369,447	408,721
McGillivray Creek Coal and Coke Co., Ltd., Coleman	261,538	204,930	170,019
West Canadian Collieries, Ltd., Blairmore	1,182,917	1,112,397	1,055,081
All other operators	1,239	1,207	8,039
Total	2,256,744	1,968,070	1,915,350
HALCOURT DISTRICT	1,708	923	633

Table 122.—Output of Coal by Principal Collieries in Alberta, 1946-1948—Continued

Name and address	1946	1947	1948
Bituminous—Concluded			
HIGHWOOD DISTRICT			1,001
LETHBRIDGE DISTRICT—			
Chester Mine, Lethbridge.....	28,213	25,464	25,693
Hamilton, J. J., Coal Co., Lethbridge.....	30,062	27,595	25,199
Lethbridge Collieries, Ltd. (Mine 1263), Lethbridge.....	193,288	204,778	172,016
Lethbridge Collieries Ltd. (Mine 1494), Lethbridge.....	215,002	201,547	169,068
All other operators.....	3,053	2,935	3,671
Total.....	409,618	462,322	395,647
MAGRATH DISTRICT.....			
MORLEY DISTRICT.....	1,238	15.73	915
MOUNTAIN PARK DISTRICT—			
Cadomin Coal Co., Ltd., Cadomin (mine office); Edmonton (business office).....	458,787	351,744	412,871
Gregg River Collieries.....		51,045	76,211
Lucear Collieries, Ltd., Edmonton.....	395,829	313,148	406,017
Mountain Park Collieries, Ltd., 410 Pegler Bldg., Edmonton.....	254,807	238,912	226,454
All other operators.....	132		
Total.....	1,109,565	954,849	1,121,553
NORDEGG DISTRICT—			
Brazeau Collieries Ltd., Nordegg.....	333,368	343,720	319,418
Total.....	333,368	343,720	319,418
PEKISKO DISTRICT—			
Davies, G. C., Priddis.....		3,230	4,200
All other operators.....	1,887	157	
Total.....	1,887	3,387	4,200
PINCHER DISTRICT.....	488	681	697
PRairie CREEK DISTRICT—			
C. W. Woodley & Partners, Hinton.....			853
All other operators.....	60	595	
Total.....	60	595	853
SAUNDERS DISTRICT—			
Alexo Coal Co., Ltd., Alexo.....	33,532	31,096	22,075
Bighorn and Saunders Creek Collieries, Ltd., Saunders.....	34,615	34,246	32,407
Total.....	68,147	65,342	54,482
Total bituminous.....	5,389,418	4,835,371	4,934,458
Sub-bituminous			
ARDLEY DISTRICT.....	12,233	15,415	23,841
BIG VALLEY DISTRICT—			
Big Valley Coal Co. (J. McAllister) Big Valley.....	8,723	12,203	16,356
All other operators.....	1,383	2,027	1,988
Total.....	10,106	14,230	18,344
BROOKS DISTRICT—			
Birnwell Coal Ltd. (formerly Kleenbion Collieries) Calgary.....	130,614	134,643	135,826
Kleenbion Collieries Ltd. Eyremore.....			
Total.....	130,614	134,643	135,826
CAMROSE DISTRICT—			
Camrose Collieries Ltd., Camrose.....	48,022	48,056	78,445
Red Flame Coal Co., Ltd., Round Hill.....	38,267	31,504	19,545
All other operators.....	4,486	3,952	4,928
Total.....	90,775	83,512	102,918
CARBON DISTRICT—			
East Trochu Coal Co., Trochu.....			8,813
East Carbon Coal Co. (Fox Bros.) Carbon.....	8,777	5,112	
Inland Coal Co. Ltd. (previously Cdn. Dimant Coal) Three Hills.....	34,875	32,435	29,486
Knee Hill Coal Co. Ltd., Carbon.....			7,921
Nottal and Davidson, Three Hills.....		7,339	9,299
Pastorchik—Partners (formerly J. D. Morel) Three Hills.....	3,938		
Peerless Coal Co., Carbon.....	12,211	9,664	4,404
All other operators.....	18,254	16,236	6,757
Total.....	78,155	70,786	66,685

Table 122.—Output of Coal by Principal Collieries in Alberta, 1946-1948—Continued

Name and address	1946	1947	1948
	(Short tons)		
Sub-bituminous—Continued			
CASTOR DISTRICT—			
Alberta Coal Co. (formerly Battle River Coal Syndicate) Halkirk.....	14,471	38,074	
Bish Bros., Forestburg.....	8,593	10,855	12,252
Caster Coal & Construction Co., Castor.....	23,794	14,849	14,010
Komporde Bros. & Partners Heisler.....	3,087	750	9,992
Muncy, H. C., Foreman.....			3,390
Remillard, O. V., Castor.....	35,082	30,451	26,438
All other operators.....			
Total.....	71,186	71,376	104,154
	7,375	7,924	6,331
CHAMPION DISTRICT.....			
DRUMHELLER DISTRICT—			
Aetna Coal Co. Ltd., East Coulee.....	20,784	20,056	19,207
Arcadin Coal Mines Ltd., Willow Creek.....	22,988	18,210	7,849
Brilliant Coal Co., Drumheller.....	117,775	104,570	99,296
Burn Bright Coal Co., Drumheller.....	730	1,168	951
Castle Coal Co., Ltd., Wayne.....	6,697	139	
Century Coals Ltd. (formerly Regal Coal Co.) Atlas Mine, East Coulee.....	170,191	160,038	142,890
Century Coals Ltd. (formerly Regal Coal Co.) Commander Mine, Drumheller.....	174,790	169,044	161,225
Ideal Coal Co., Ltd., Wayne.....	18,209		
Maple Leaf Minerals Ltd., Drumheller.....	22,273	24,547	34,130
Midland Coal Mining Co., Ltd., Drumheller.....	224,304	200,872	157,204
Minute Coal Co., Drumheller.....	23,615	21,181	17,226
Monarch Coal Mining Co. Ltd. (Western Monarch) Calgary.....	14,479	85,749	82,445
Monarch Coal Mining Co. Ltd. (Western Crown) Calgary.....	77,960		
Murray Collieries Ltd., East Coulee.....	165,431	178,553	140,264
Newcastle Collieries Ltd., Drumheller.....	98,919	103,972	94,725
Red Deer Valley Coal Co., Ltd., Drumheller.....	176,186	190,318	191,348
Rosedale Collieries Ltd. (Rosedale Mine) Rosedale.....	144,343	115,308	115,003
Rosedale Collieries Ltd. (Star Mine) Aerial.....	111,972	113,704	106,336
Saskatchewan Fed. Co-op. (Empire Mine) East Coulee.....	67,160	80,564	66,261
Saskatchewan Fed. Co-op. (Hy-Grade Mine) Drumheller.....	129,130	134,166	116,443
Wayne Coal Co. (formerly Sovereign Coal Co. Ltd.) Wayne.....	22,484	28,472	22,142
Western Gem & Jewel Collieries Ltd., Cambria.....	98,657	98,785	94,752
All other operators.....	37,140	2,022	5,755
Total.....	1,946,226	1,857,461	1,682,052
EDMONTON DISTRICT—			
Banner Coals Ltd., Edmonton.....	76,467	77,368	20,328
Beaver Hills Coal Co., Edmonton.....			6,102
Beverly Coal Co., Ltd., Edmonton.....	46,849	29,033	21,889
Dickinson, Knight & Dickinson Carbondale.....	7,904	4,973	5,229
Edmonton Collieries Ltd., Edmonton.....	27,549	37,471	25,733
Egg Lake Coal Co., (Thos. Logan) Morinville.....	14,363	14,480	38,657
Gwilliam, D. J. & K. E. Samis Naino.....	2,900	4,570	9,190
Morinville Colliery Ltd., Morinville.....			10,340
Ottewell Coal Co., Clover Bar.....	2,966	3,864	5,099
Pine Creek Coal Co. (Opalinski & Fride) S. Edmonton.....	13,751	11,388	18,238
Red Hot Coal Co. Ltd., Edmonton.....	23,607	21,836	11,808
Riverdene Coal Co., Ltd., Edmonton.....	27,128	31,657	26,123
Samis Collieries Nainao.....	12,695	14,036	21,077
Sinoski, M., S. Edmonton.....	4,333	7,617	9,151
Starky, J. B., Edmonton.....	71,429	65,767	75,410
Sundance Mines Ltd., Cardiff.....	9,115	23,994	55,869
The Great West Coal Co. Ltd. (Black Diamond Mine) Edmonton.....	105,712	86,669	50,425
Twin City Coal Ltd. (Riddock & Dorkulak) S. Edmonton.....	1,309		2,044
S. Yaniw, S. Edmonton.....			6,128
All other operators.....	30,612	27,785	11,541
Total.....	478,677	492,499	436,981
GLEICHEN DISTRICT—			
Blackfoot Indian Agency, Gleichen.....	2,606	235	2,620
McMillan, Alex., Rosebud.....	6,016	5,678	4,127
Standard Coal Mine, Standard.....	4,909	5,489	4,814
All other operators.....	3,057	3,342	2,810
Total.....	16,678	14,944	14,371
MILK RIVER DISTRICT.....			
PAKOWKI DISTRICT.....			
PEMBINA DISTRICT—			
Alberta Coal Ltd., Edmonton.....	55,192	52,362	38,186
Lothian Collieries Ltd., Wabamun.....		27,843	41,167
Swanson Collieries.....			24,154
All other operators.....	6,083	14,078	9,088
Total.....	61,275	94,283	112,595

Table 122.—Output of Coal by Principal Collieries in Alberta, 1946-1948—Concluded

Name and address	1946	1947	1948
Sub-bituminous—Concluded			(Short tons)
REDCLIFF DISTRICT—			
Ajax Coal Co. Ltd. (L. N. Laidlaw) Medicine Hat.....	8,427	8,603	12,461
Naylor, G. A., Medicine Hat.....			
Total.....	8,427	8,603	12,461
ROCHESTER DISTRICT.....	5,949	5,748	7,207
SHEERNESS DISTRICT—			
A. J. Bordula, Hanna.....			9,021
Chinook Coal Co. Ltd., Sheerness.....	19,134	4,931	11,983
Sheerness Coal Co. Ltd., Sheerness.....	30,484	40,602	31,879
All other operators.....	6,591	8,571	3,767
Total.....	56,209	54,194	56,650
SLAVE LAKE DISTRICT.....			180
TABER DISTRICT—			
Continental Coal Corp. Ltd., Grassy Lake.....	126,015	40,646	34,554
Oliver Coal Mine, Taber.....	5,586	7,807	8,001
Southern Alberta Coal Co. Ltd., Taber.....		78,030	77,208
Western Ventures Ltd., Lethbridge.....	156,614		
All other operators.....	1,656	1,964	1,334
Total.....	289,871	128,447	121,097
TOFIELD DISTRICT—			
Binder, C. Ryley.....			3,813
Black Nugget Coal Co. Ltd., Dodds.....	70,512	86,453	156,290
Dodds Coal Mine, Dodds.....	25,374	19,587	40,475
Tofield Coal Co. Ltd., Tofield.....	67,947	66,545	79,138
All other operators.....	4,808	4,535	1,613
Total.....	168,641	177,120	281,329
WESTLOCK.....	907	719	2,212
WETASKIWIN DISTRICT.....	1,389	1,516	1,653
WHITECOURT DISTRICT.....	79	231	60
Area not designated.....	390	330	189
Total sub-bituminous.....	3,436,893	3,235,059	3,188,797
Total Alberta.....	8,826,311	8,070,430	8,123,233

Table 123.—Total Disposition of Coal from Alberta Mines, by Grades, 1947 and 1948

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut- slack	Slack	Total							
							Tons	Value at mines						
(Short tons)														
1947														
Supplied to employees for domestic consumption	26,271	25,423	2,504	362	140	8	54,708	230,603						
Shipped as per Table 126	2,773,572	2,355,650	560,634	486,691	232,765	967,445	7,376,757	31,282,698						
Used under colliery boilers, etc.	82,167	1,118	10,418	9,055	9,093	62,399	174,250	576,082						
Used by company's railroads	1,263						1,263	1,218						
Used in making coke at colliery						81,128	81,128	356,820						
Used in making briquettes						266,178	266,178	1,019,570						
Put on bank	33,150	580	657	770	621	9,502	45,320	181,051						
Put on waste heap							134,434	x x						
Total disposition	2,916,423	2,382,751	574,213	496,878	242,619	1,386,720	8,134,038	36,681,042						
Lifted from bank	28,684	473	745	633	41	9,613	40,189	153,503						
Lifted from waste heap							23,419	86,442						
Total Output	2,887,739	2,382,278	573,468	496,245	242,578	1,377,107	8,070,420	36,439,095						
1948														
Supplied to employees for domestic consumption	17,634	24,261	7,306	139	40	17	49,397	251,908						
Shipped as per Table 126	2,815,851	2,304,757	558,674	516,402	292,832	833,948	7,322,461	39,159,026						
Used under colliery boilers, etc.	78,128	1,940	3,111	3,908	5,472	72,525	165,081	626,680						
Used by company's railroads	1,333						1,333	1,913						
Used in making coke at colliery						78,795	78,795	129,956						
Used in making briquettes	31,270					271,266	302,515	1,415,257						
Put on bank	114,489	3,366	2,138	4,952	9,331	17,501	151,777	751,061						
Put on waste heap							446,388	x x						
Total disposition	3,058,714	2,334,324	571,229	525,401	307,675	1,274,052	8,217,783	42,638,801						
Lifted from bank	64,879	2,741	1,229	1,988	342	9,776	80,955	371,337						
Lifted from waste heap							13,573	50,015						
Total output	2,993,835	2,331,583	570,000	523,413	307,333	1,264,276	8,123,255	42,217,449						

Table 124.—Disposition of Bituminous Coal from Alberta Mines, by Grades, 1947 and 1948

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut- slack	Slack	Total							
							Tons	Value at mines						
(Short tons)														
1947														
Supplied to employees for domestic consumption	25,027	7,761	409	15			33,212	136,906						
Shipped as per Table 127	2,525,836	572,510	106,111	259,423	96,664	546,786	4,197,330	20,110,732						
Used under colliery boilers, etc.	81,671	215	7,078	7,310	6,856	52,522	155,632	535,039						
Used by company's railroads	1,263						1,263	1,218						
Used in making coke at colliery						81,128	81,128	356,820						
Used in making briquettes						266,178	266,178	1,019,570						
Put on bank	33,118	500	637	396	529	8,727	43,905	178,923						
Put on waste heap							116,857	x x						
Total disposition	2,666,913	580,986	204,235	267,144	104,049	955,341	4,895,525	22,102,208						
Lifted from bank	28,684	453	559	345	41	9,205	39,287	153,953						
Lifted from waste heap							20,867	86,379						
Total output	2,638,229	580,533	203,676	266,799	104,008	946,136	4,835,371	22,161,876						
1948														
Supplied to employees for domestic consumption	16,529	7,917	5,399	6			29,851	147,488						
Shipped as per Table 127	2,522,813	573,105	201,077	284,974	160,600	448,366	4,190,335	23,569,901						
Used under colliery boilers, etc.	77,220	1,051	954	2,598	2,836	65,802	150,464	593,191						
Used by company's railroads	1,333						1,333	4,913						
Used in making coke at colliery						78,795	78,795	129,956						
Used in making briquettes	31,279					271,266	302,515	1,415,257						
Put on bank	112,975	2,711	1,021	3,546	8,856	10,088	139,797	722,238						
Put on waste heap							125,209	x x						
Total disposition	2,762,149	584,784	208,451	291,124	172,292	874,917	5,018,926	26,883,212						
Lifted from bank	64,874	2,136	804	1,179	117	4,032	73,112	353,159						
Lifted from waste heap							11,326	49,469						
Total output	2,637,275	582,648	207,647	289,945	172,175	870,885	4,934,458	26,180,623						

Table 125.—Disposition of Sub-Bituminous Coal from Alberta Mines, by Grades, 1947 and 1948

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	
							Tons	Value at mines \$
1947								
							(short tons)	
Supplied to employees for domestic consumption	1,244	17,662	2,095	347	140	8	21,496	93,697
Shipped as per Table 128	247,736	1,783,140	364,523	227,268	136,101	420,650	3,179,427	14,111,966
Used under colliery boilers, etc.	496	903	3,340	1,745	2,237	9,877	18,598	41,013
Used by company's railroads								
Used in making coke at colliery								
Put on bank	34	60	20	374	92	835	1,415	2,128
Put on waste heap							17,577	
Total disposition	249,510	1,801,765	369,978	229,734	138,570	431,379	3,238,513	14,278,834
Lifted from bank		20	186	288		408	902	1,552
Lifted from waste heap							2,532	63
Total output	249,510	1,801,765	369,978	229,734	138,570	430,971	3,238,513	14,277,219
1948								
Supplied to employees for domestic consumption	1,105	16,344	1,907	133	40	17	19,546	104,420
Shipped as per Table 128	293,038	1,731,652	357,597	231,428	132,232	385,582	3,131,529	15,589,125
Used under colliery boilers, etc.	908	889	2,157	1,310	2,636	6,723	11,623	33,189
Used by company's railroads								
Used in making coke at colliery								
Used in making briquettes								
Put on bank	1,514	655	1,117	1,406	475	6,813	11,980	28,825
Put on waste heap							21,179	
Total disposition	296,560	1,749,540	362,778	234,277	135,383	399,135	3,194,857	15,755,559
Lifted from bank	5	605	425	809	225	5,744	7,813	18,178
Lifted from waste heap							2,247	555
Total output	296,560	1,748,935	362,353	233,468	135,158	393,391	3,188,797	15,736,826

Table 126.—Total Shipments of Coal from Alberta Mines, by Grades and Destination, 1947 and 1948

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	
1947								
							(short tons)	
Railroads (for locomotive use)								
(a) In Canada	2,385,074	13,954	3,737	53,186	21,116	37,249	2,514,316	
(b) In the United States	13,777						13,777	
Alberta—								
(a) Shipments to industrial consumers and to dealers for resale	112,794	339,935	80,436	53,931	37,945	238,882	863,923	
(b) Sales direct to domestic consumers, except to employees	127,562	315,174	91,935	46,421	23,062	100,789	701,943	
Saskatchewan	37,550	851,886	196,414	125,217	57,733	214,678	1,483,484	
British Columbia	31,656	361,611	90,526	141,398	27,659	246,472	899,322	
Manitoba	21,815	352,694	51,320	40,202	46,092	66,486	587,609	
Ontario	7,538	110,333	19,166	12,493	6,186	5,005	160,721	
United States	10,106	7,923	27,100	4,843	12,972	29,071	92,015	
Quebec		42						42
Other places (a) Ships' bunkers	2,220	2,098						4,327
(b) Exports	23,465						28,813	52,278
Total	2,773,572	2,355,650	560,631	486,601	232,765	967,415	7,376,757	
1948								
Railroads (for locomotive use)								
(a) In Canada	2,100,300	54,131	1,427	78,413	57,155	7,933	2,299,449	
(b) In the United States	14,282				43		14,325	
Alberta—								
(a) Shipments to industrial consumers and to dealers for resale	130,842	291,178	74,172	55,630	52,793	245,161	849,782	
(b) Sales direct to domestic consumers, except to employees	152,876	286,309	92,829	51,662	6,324	96,026	686,026	
Saskatchewan	31,340	821,066	176,735	117,127	56,101	178,267	1,280,636	
British Columbia	137,006	360,942	92,884	143,900	32,561	195,533	962,846	
Manitoba	13,476	349,368	65,216	57,704	53,410	74,629	638,803	
Ontario	17,801	117,390	28,881	9,484	13,385	19,156	206,097	
United States	29,832	4,315	26,530	2,433	16,103	4,282	83,495	
Other places (a) Japan	176,293						12,941	189,234
(b) Not specified	11,713	58						11,771
Total	2,815,851	2,304,257	558,674	516,102	292,832	833,948	7,322,464	

Table 127.—Shipments of Bituminous Coal from Alberta Mines, by Grades and Destination, 1947 and 1948

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
1947							
Railroads (for locomotive use)							(Short tons)
(a) In Canada.....	2,385,074	11,738	3,737	53,186	21,116	37,249	2,512,100
(b) In the United States.....	13,777						13,777
Alberta—							
(a) Shipments to industrial consumers and to dealers for resale.....	8,662	56,499	24,949	20,083	1,523	108,769	220,485
(b) Sales direct to domestic consumers, except to employees.....	15,073	49,657	18,733	7,727	1,334	34,319	136,843
Saskatchewan.....	12,930	136,470	46,819	19,253	2,427	9,192	227,091
British Columbia.....	29,071	197,889	48,505	115,495	18,332	230,070	639,962
Manitoba.....	18,112	85,153	20,991	35,789	37,266	63,890	261,201
Ontario.....	7,337	28,057	5,947	3,480	1,709	5,005	49,545
United States.....	10,106	6,949	26,430	4,400	12,957	28,879	89,721
Other places (a) Ships' bunkers.....	2,229	2,098					4,327
(b) Exports.....	23,465					28,813	52,278
Total.....	2,525,836	572,510	196,111	259,423	96,661	546,786	4,197,330
1948							
Railroads (for locomotive use)							
(a) In Canada.....	2,100,390	51,251	1,427	78,413	57,155	7,933	2,296,569
(b) In the United States.....	14,282				43		14,325
Alberta—							
(a) Shipments to industrial consumers and to dealers for resale.....	4,899	47,987	24,113	19,771	2,461	118,608	217,839
(b) Sales direct to domestic consumers, except to employees.....	15,216	37,130	18,506	8,734	646	37,714	117,946
Saskatchewan.....	8,264	116,030	37,278	19,432	940	7,526	189,470
British Columbia.....	134,367	187,217	54,467	112,676	20,757	169,969	679,453
Manitoba.....	9,756	86,794	26,043	38,227	53,251	70,502	285,473
Ontario.....	17,801	42,671	11,937	5,287	9,287	18,891	105,871
United States.....	29,832	4,025	26,406	2,391	16,103	4,282	83,039
Other places (a) Japan.....	176,293					12,941	189,234
(b) Not specified.....	11,713						11,713
Total.....	2,522,813	573,105	201,077	284,971	160,600	448,366	4,190,935

Table 128.—Shipments of Sub-Bituminous Coal from Alberta Mines, by Grades and Destination, 1947 and 1948

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
1947							
Railroads (for locomotive use)		2,216					2,216
(a) In Canada.....							
(b) In the United States.....							
Alberta—							
(a) Shipments to industrial consumers and to dealers for resale.....	104,132	283,436	55,487	33,848	36,422	130,113	643,438
(b) Sales direct to domestic consumers, except to employees.....	112,459	265,517	73,202	38,604	21,728	66,470	578,100
Saskatchewan.....	24,626	715,416	149,595	105,904	55,306	205,486	1,256,393
British Columbia.....	2,585	163,722	42,021	25,903	9,327	15,802	259,360
Manitoba.....	3,703	267,541	30,329	13,413	8,826	2,596	326,108
Ontario.....	201	84,276	13,219	9,083	4,477		111,176
United States.....		974	670	445	151	192	2,294
Other places (a) Quebec.....		42					42
Total.....	247,736	1,783,140	364,523	227,268	136,101	420,659	3,179,427
1948							
Railroads (for locomotive use)							2,880
(a) In Canada.....		2,880					
(b) In the United States.....							
Alberta—							
(a) Shipments to industrial consumers and to dealers for resale.....	125,943	243,191	50,059	35,865	50,332	126,553	631,943
(b) Sales direct to domestic consumers, except to employees.....	137,660	249,179	74,323	42,928	5,676	58,312	568,080
Saskatchewan.....	23,076	705,036	139,457	97,605	55,161	170,741	1,191,166
British Columbia.....	2,639	173,725	38,417	31,224	11,804	25,584	283,393
Manitoba.....	3,720	282,574	38,273	19,477	5,159	4,127	353,330
Ontario.....		74,719	16,944	4,197	4,008	265	100,223
United States.....		290	124	42			156
Other places (a) Not specified.....		58					58
Total.....	253,038	1,731,652	357,587	231,428	132,232	385,582	3,131,529

Table 129.—Exports of Canadian Coal through Alberta Ports, 1945-1948

Port	1945	1946	1947	1948
(Short tons)				
Coutts.....	1,824	1,756	876	438
Lethbridge.....	130	115	131	147
Medicine Hat.....				
Total	1,954	1,871	1,007	585

Table 130.—*Imports of Coal into Alberta, by Sources, 1947 and 1948

Source	1947			1948		
	Anthracite, all grades	Bituminous, all grades	Total	Anthracite, all grades	Bituminous, all grades	Total
United States.....	11	806	817			
Total	11	806	817			

* The total tonnage of foreign coal received at Alberta ports of entry. See page 4, section 2, for explanation.

Table 131.—Sales of Coal and Coke by Retail Fuel Dealers in Alberta, 1947 and 1948

—	1947	1948
(Short tons)		
BITUMINOUS—		
United States—		
Miscellaneous (Including briquettes).....	847	862
Canadian—Bituminous	25,380	24,530
Domestic and lignite.....	516,663	404,622
Briquettes.....	3,946	3,077
Total coal and coke	546,736	433,691

Table 132.—Stocks of Coal and Coke held by Retail Fuel Dealers in Alberta on December 31, 1947 and 1948

—	Dec. 31, 1947	Dec. 31, 1948
(Short tons)		
BITUMINOUS—		
United States—		
Miscellaneous (Including briquettes).....	150	302
Canadian—Bituminous	781	755
Domestic and lignite.....	18,252	19,064
Briquettes.....	574	507
Total coal and coke	19,757	20,628

Table 133.—Consumption of Coal and Coke reported by Industrial Consumers* in Alberta for Calendar Years 1947 and 1948

—	1947	1948
(Short tons)		
BITUMINOUS—		
Canadian—Bituminous	66,422	100,176
Domestic and lignite.....	349,961	367,943
COKE†—From coal	2,727	2,431
Total coal and coke	419,110	470,550

* Does not include firms using less than 500 tons of coal per annum.

† Figures for foundries using less than 500 tons of coal per annum are not included.

Table 134.—Summary Coal Statistics for Alberta in 1947—Output, Exports, Inter-provincial Shipments, and Imports, by Months and by Kinds and Coal available for Consumption by Months and Kinds

Month	Canadian coal				Imported from U.S.A.	Available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
(Short tons)						
January—						
Bituminous.....	411,936	2,391	127,133	12,593	143	274,744
Sub-bituminous.....	401,491		238,517	1,247		161,727
Total.....	813,427	2,391	365,650	13,840	143	436,471
February—						
Bituminous.....	311,657	2,323	102,398	8,048		203,534
Sub-bituminous.....	309,052		165,683	132		143,237
Total.....	620,709	2,323	268,081	8,180		346,771
March—						
Bituminous.....	399,929	2,472	115,403	13,241	94	273,851
Sub-bituminous.....	274,928		173,005	42		101,881
Total.....	674,857	2,472	288,408	13,283	94	375,732
April—						
Bituminous.....	396,306	938	102,367	8,701		286,176
Sub-bituminous.....	218,780		148,501	130		70,149
Total.....	615,086	938	250,868	8,831		356,325
May—						
Anthracite.....					7	7
Bituminous.....	416,060	2,260	86,472	5,205	86	326,729
Sub-bituminous.....	193,582		133,390			59,652
Total.....	609,642	2,260	220,402	5,205	93	386,388
June—						
Bituminous.....	404,120	2,549	82,233	9,836	90	314,690
Sub-bituminous.....	189,974		130,646	42		53,286
Total.....	594,094	2,549	218,879	9,878	90	367,976
July—						
Anthracite.....					4	4
Bituminous.....	398,161	285	65,809	32,781	138	299,994
Sub-bituminous.....	120,124		73,205	138		46,783
Total.....	518,285	285	139,014	32,917	142	346,781
August—						
Anthracite.....						
Bituminous.....	408,297	2,129	88,541	7,738	109	314,258
Sub-bituminous.....	213,613		139,942			73,671
Total.....	621,910	2,129	228,483	7,736	109	387,929
September—						
Bituminous.....	420,382	3,265	90,055	6,707	49	325,874
Sub-bituminous.....	245,586		146,454	80		90,052
Total.....	665,968	3,265	237,409	6,847	49	425,026
October—						
Bituminous.....	408,564	3,329	101,185	8,862	49	361,895
Sub-bituminous.....	315,254		185,445	139		129,670
Total.....	723,818	3,329	286,630	9,001	49	431,565
November—						
Bituminous.....	420,046	1,958	106,447	12,322	48	303,283
Sub-bituminous.....	383,630		197,230	250		186,141
Total.....	803,676	1,958	303,677	12,581	48	489,424
December—						
Bituminous.....	439,013	2,601	108,856	29,684		303,974
Sub-bituminous.....	369,045		214,821	87		154,137
Total.....	808,958	2,601	323,677	29,771		458,111
Total—						
Anthracite.....	4,835,371	26,500	1,177,799	135,776	11	3,529,182
Bituminous.....	3,233,059		1,953,379	2,294		1,279,386
Sub-bituminous.....						
Total.....	8,070,430	26,500	3,131,178	158,070	817	4,808,499

Table 135.—Summary Coal Statistics for Alberta in 1948—Output, Exports, Inter-provincial Shipments, Imports and Coal Available for Consumption by Months and by Kinds

Month	Canadian coal				Imported from U.S.A.	Available for consumption
	Output	Received from other provinces	Shipped to other provinces	* Exported		
(Short tons)						
January—						
Bituminous.....	233,339	333	60,320	34,816	.....	138,536
Sub-bituminous.....	274,841	.....	153,021	42	.....	121,778
Total.....	508,180	333	213,341	34,858	.....	260,314
February—						
Bituminous.....	157,099	674	40,283	1,374	.....	117,016
Sub-bituminous.....	202,236	.....	97,502	.....	.....	104,734
Total.....	360,235	674	137,785	1,374	.....	221,750
March—						
Bituminous.....	422,150	4,053	130,107	47,443	.....	248,653
Sub-bituminous.....	281,921	.....	169,723	.....	.....	112,198
Total.....	704,071	4,053	299,830	47,443	.....	360,851
April—						
Bituminous.....	485,370	2,526	136,188	26,200	.....	325,490
Sub-bituminous.....	211,711	.....	142,467	82	.....	69,162
Total.....	697,081	2,526	278,655	26,291	.....	394,661
May—						
Bituminous.....	424,530	4,393	94,148	6,277	.....	328,498
Sub-bituminous.....	163,241	.....	112,032	.....	.....	51,209
Total.....	587,771	4,393	206,180	6,277	.....	379,707
June—						
Bituminous.....	444,916	3,549	79,161	6,120	.....	363,184
Sub-bituminous.....	198,132	.....	145,395	.....	.....	52,737
Total.....	643,048	3,549	224,556	6,120	.....	415,921
July—						
Bituminous.....	418,433	6,037	89,928	34,077	.....	300,465
Sub-bituminous.....	133,427	.....	91,760	.....	.....	41,067
Total.....	551,860	6,037	181,688	34,077	.....	342,132
August—						
Bituminous.....	477,243	41,65	113,141	47,062	.....	321,205
Sub-bituminous.....	239,989	.....	161,801	83	.....	78,105
Total.....	717,232	41,65	274,942	47,145	.....	399,310
September—						
Bituminous.....	400,090	6,419	118,562	29,698	.....	258,249
Sub-bituminous.....	258,337	.....	153,582	83	.....	104,692
Total.....	658,427	6,419	272,124	29,781	.....	362,941
October—						
Bituminous.....	460,073	6,563	130,195	27,668	.....	308,773
Sub-bituminous.....	346,804	.....	187,035	83	.....	150,686
Total.....	806,877	6,563	317,230	27,751	.....	468,469
November—						
Bituminous.....	529,491	6,524	149,463	29,356	.....	357,196
Sub-bituminous.....	444,304	.....	257,945	83	.....	186,276
Total.....	973,795	6,524	407,408	29,430	.....	543,472
December—						
Bituminous.....	480,824	5,394	118,774	8,211	.....	359,233
Sub-bituminous.....	433,854	.....	255,927	.....	.....	177,927
Total.....	914,678	5,394	374,701	8,211	.....	537,160
Total—						
Bituminous.....	4,934,458	58,630	1,260,276	298,311	.....	3,426,507
Sub-bituminous.....	3,188,792	.....	1,928,176	156	.....	1,260,171
Total.....	8,123,255	58,630	3,188,446	298,767	.....	4,686,678

* Export figures are taken from Coal Operators' statements and show actual amounts of the provincial output which were shipped direct for export. Some of the coal shipped to other provinces may also have been exported.

Table 136.—Employment at Coal Mines in Alberta, 1944-1948

	1944	1945	1946	1947	1948
Average number of employees—					
Surface.....	2,481	2,478	2,675	2,876	3,008
Underground.....	5,842	5,745	5,888	5,834	5,708
Total.....	8,323	8,223	8,563	8,710	8,806
Man-days worked—					
Surface.....	666,119	665,517	718,541	670,754	688,569
Underground.....	1,360,538	1,311,266	1,377,900	1,277,573	1,137,066
Total.....	2,026,687	1,976,813	2,096,441	1,948,327	1,825,635
Average number of man-days worked during year—					
By surface employees.....	269	269	269	233	222
By underground employees.....	233	228	234	219	199
By all employees.....	241	240	245	224	207

Table 137.—Employment and Work Done, by Months, at Coal Mines in Alberta in 1947 and 1948

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
1947						
January.....	2,980	6,333	9,313	64,249	125,580	180,829
February.....	2,894	6,288	9,182	52,130	102,071	154,201
March.....	2,791	6,154	8,945	56,326	111,019	167,345
April.....	2,604	5,787	8,401	49,300	105,696	154,996
May.....	2,589	5,479	8,068	50,060	101,473	151,533
June.....	2,667	5,459	8,126	50,337	100,416	150,753
July.....	2,700	5,455	8,164	49,510	86,399	135,909
August.....	2,806	5,502	8,308	54,851	100,938	155,789
September.....	2,820	5,592	8,412	55,284	105,205	160,489
October.....	3,112	5,740	8,852	61,723	111,266	172,989
November.....	3,263	6,068	9,331	62,369	109,956	172,325
December.....	3,286	6,137	9,423	64,015	117,554	182,169
Total.....				670,754	1,277,573	1,948,327
1948						
January.....	3,271	6,068	9,340	48,358	55,596	103,954
February.....	2,942	5,278	8,220	36,045	41,067	77,112
March.....	3,071	5,687	8,758	56,401	101,517	157,918
April.....	2,823	5,552	8,375	54,895	103,478	158,373
May.....	2,738	5,399	8,137	51,817	90,179	111,996
June.....	2,802	5,318	8,120	55,677	101,564	157,241
July.....	2,888	5,380	8,268	52,897	83,246	136,143
August.....	3,080	5,542	8,622	62,205	107,570	169,775
September.....	3,131	5,705	8,836	60,054	100,128	160,182
October.....	3,412	5,915	9,327	67,778	108,482	176,260
November.....	3,525	6,323	9,848	71,713	120,856	192,569
December.....	3,494	6,332	9,826	70,729	123,383	194,112
Total.....				688,569	1,137,066	1,825,635

Table 138.—Number of Man-Days Work done in the Coal Mines of Alberta, by Districts,
1947 and 1948

District	1947			1948		
	Surface	Under-ground	Total	Surface	Under-ground	Total
BITUMINOUS—						
Cascade	28,850	38,447	67,297	32,715	37,948	70,663
Coalspur	93,246	73,734	166,980	86,528	64,592	151,120
Crowsnest	163,476	335,752	499,228	170,781	305,712	476,493
Halcourt	240	398	638	105	169	274
Highwood				436	254	690
Lethbridge	39,275	100,267	139,542	34,612	93,976	128,588
Morley	112	395	507	69	314	383
Mountain Park	103,402	108,242	211,644	115,829	90,019	206,748
Nordegg	33,882	39,435	73,317	35,388	39,194	74,582
Pekisko	213	842	1,055	186	1,382	1,568
Pincher	78	391	469		780	780
Prairie Creek	565	542	1,107	288	453	741
Saunders	7,969	21,900	29,869	6,997	19,737	26,734
Total bituminous	471,308	720,345	1,191,653	483,934	655,430	1,139,364
SUB-BITUMINOUS—						
Ardley	1,329	621	1,950	2,006	617	2,623
Big Valley	1,340	4,011	5,351	1,418	5,524	6,942
Brooks	17,452		17,452	22,272		22,272
Camrose	10,434	9,099	19,533	9,934	5,445	15,379
Carbon	5,079	13,400	18,479	5,651	11,774	17,424
Castor	3,458	12,073	15,531	6,071	13,580	19,651
Champion	446	3,138	3,584	328	2,908	3,236
Drumheller	94,156	387,275	481,431	84,453	355,722	440,175
Edmonton	25,980	104,045	130,025	21,714	69,106	90,826
Gleichen	600	6,133	6,793	704	6,860	7,564
Milk River	146	413	559	168	795	963
Pakowki		10	10			106
Pembina	9,021	9,580	18,601	11,553	1,487	13,040
Redcliff	770	2,370	3,149	1,509	3,426	4,935
Rochester	1,161		1,161	1,488		1,488
Sheerness	5,776	440	6,216	5,779	520	6,299
Slave				106		106
Taber	5,909	2,593	8,502	8,015	2,084	10,099
Tofield	15,785	1,512	17,297	20,816	1,220	22,036
Westlock	283		283	590		590
Wetaskiwin		506	506		569	569
Whitecourt	41		41	12		12
Area not designated	220		220	48		48
Total sub-bituminous	199,446	557,228	756,674	204,635	481,636	686,271
Total Alberta	670,754	1,277,573	1,948,327	688,569	1,137,066	1,825,635

NOTE.—Employees, Salaries and Wages. See Tables 169 and 170.

Table 139.—Employment at Coal Mines In Alberta, by Classes, 1947 and 1948

Classification	Surface	Under-ground	Total
1947			
UNDERGROUND MINING			
SALARIED EMPLOYEES—			
Mine manager, underground manager, overman, pit bosses, fire bosses, foremen, etc.	92	295	387
Administrative and office staff	237		237
TOTAL	329	295	624
WAGE-EARNERS—			
Foremen and other officials on wages	37	198	235
Miners; all men on hand and mechanical production		3,272	3,272
Maintenance; timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.	107	795	902
Transportation; drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen	124	1,078	1,202
Tipple, preparation and shipping	741		741
Powerhouse, boilers and shops	451		451
Miscellaneous	342	196	538
TOTAL	1,802	5,539	7,341
STRIP MINING			
(Include employees of contractors)			
Salaried employees	106		106
Wage-earners	639		639
TOTAL EMPLOYMENT			
Total salaried employees	435	295	730
Total wage-earners	2,441	5,539	7,980
Total	2,876	5,834	8,716
1948			
UNDERGROUND MINING			
SALARIED EMPLOYEES—			
Mine manager, underground manager, overman, pit bosses fire bosses, foremen, etc.	101	294	395
Administrative and office staff	235		235
TOTAL	336	294	630
WAGE-EARNERS—			
Foremen and other officials on wages	37	194	231
Miners; all men on hand and mechanical production		3,191	3,191
Maintenance; timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.	103	822	925
Transportation; drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen	132	1,115	1,247
Tipple, preparation and shipping	757		757
Powerhouse, boilers and shops	457		457
Miscellaneous	270	92	362
TOTAL	1,786	5,414	7,200
STRIP MINING			
(Include employees of contractors)			
Salaried employees	131		131
Wage-earners	845		845
TOTAL EMPLOYMENT			
Total salaried employees	467	294	761
Total wage-earners	2,631	5,414	8,045
Total	3,098	5,708	8,806

CHAPTER TEN
BRITISH COLUMBIA

Table 140.—Output of Coal from British Columbia Mines, 1925-1948

Calendar year	Short tons	Value at mines \$	Calendar year	Short tons	Value at mines \$
1925	2,742,252	11,720,373	1937	1,598,843	5,863,849
1926	2,613,719	10,612,915	1938	1,440,287	5,237,077
1927	2,746,243	10,934,777	1939	1,692,755	5,825,107
1928	2,804,594	11,694,353	1940	1,867,846	6,157,250
1929	2,490,378	10,169,789	1941	2,020,844	6,492,672
1930	2,083,818	8,421,572	1942	2,168,541	7,566,822
1931	1,876,406	7,150,996	1943	2,039,402	7,048,720
1932	1,681,490	6,392,801	1944	2,134,231	9,009,506
1933	1,382,272	5,306,287	1945	1,699,768	7,137,859
1934	1,485,969	5,351,108	1946	1,638,424	7,160,881
1935	1,331,287	5,043,510	1947	1,763,899	8,630,285
1936	1,489,171	5,493,425	1948	1,780,334	9,811,253

Table 141.—Output of Coal from British Columbia Mines, by Months, 1945-1948

Month	1945	1946	1947	1948	(Short tons)
January	169,003	159,553	142,509	56,028	
February	157,871	151,650	135,164	45,581	
March	173,047	164,396	139,489	126,179	
April	156,080	144,448	139,569	161,036	
May	139,500	138,087	142,450	143,951	
June	151,197	137,580	154,886	111,480	
July	130,075	126,026	136,267	208,496	
August	134,028	126,353	135,794	223,056	
September	118,143	108,475	165,012	194,237	
October	79,800	136,335	166,848	173,172	
November	149,644	118,566	147,895	173,980	
December	140,684	126,899	158,016	160,538	
Total	1,699,768	1,638,424	1,763,899	1,780,334	

Table 142.—Output of Coal by Principal Collieries in British Columbia, 1946-1948

Name and address	1946	1947	1948	(Short tons)
CROW'S NEST PASS DISTRICT— Crow's Nest Pass Coal Co. Ltd., Fernie	906,197	1,074,055	1,137,863	
Hillcrest-Mohawk Collieries Ltd., Belleville		73,686	147,154	
Total	966,197	1,147,741	1,285,017	
INLAND DISTRICT— Bulkley Valley Collieries Ltd., Telkwa	11,908	9,601	10,952	
Coldwater Coal Mine, Merritt		2,271	1,809	
Mannix, Fred, Princeton			24,967	
Tulameen Collieries Ltd., Vancouver	42,423	46,630	22,585	
All other operators	4,943	7,129	14,168	
Total	59,274	65,631	74,381	
ISLAND DISTRICT Canadian Collieries (Dunsmuir Ltd.), Nanaimo	599,784	538,251	411,764	
Chambers, R., H. Nanaimo	3,588	3,732	2,773	
All other operators	9,581	8,544	6,399	
Total	612,953	550,527	420,936	
Total British Columbia	1,638,424	1,763,899	1,780,334	

Table 143.—Disposition of Coal from British Columbia Mines, by Grades, 1947 and 1948

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut- slack	Slack	TOTAL							
							Tons	Value at mines						
(Short tons)														
1947														
Supplied to employees for domestic consumption.....	5,345	7,785	433	214	13,777	70,104		\$						
Shipped as per Table 144.....	390,498	152,133	89,220	49,507	117,793	555,227	1,354,378	7,841,172						
Used under colliery boilers, etc.....	139	112	24	36	21,407	21,718	87,989							
Used by company's railroads.....		670	2,480		643	12	3,785	17,218						
Used in making coke at colliery.....						156,844	150,844	608,938						
Used in making briquettes.....														
Put on bank.....	8,317	10,567	6,124		3,936	8,506	37,450	204,277						
Put on waste heap.....							212,811							
Total disposition.....	404,299	171,267	98,261	49,507	122,622	741,996	1,800,763	8,829,698						
Lifted from bank.....	8,327	8,300	6,029		3,968	9,740	36,864	109,413						
Lifted from waste heap.....														
Total output	395,472	162,967	92,232	49,507	118,654	732,256	1,763,899	8,630,285						
1948														
Supplied to employees for domestic consumption.....	5,844	5,130	663	72	11,709	69,701								
Shipped as per Table 144.....	525,512	131,689	62,728	38,979	86,817	546,760	1,392,285	8,865,699						
Used under colliery boilers, etc.....		127				20,223	20,350	97,661						
Used by company's railroads.....		856	1,644		117	154,373	156,990	745,329						
Used in making coke at colliery.....														
Used in making briquettes.....														
Put on bank.....	198	15,092	9,481		3,190	7,304	35,325	291,123						
Put on waste heap.....							205,159							
Total disposition.....	531,554	152,894	74,516	38,979	89,996	728,720	1,821,818	10,060,513						
Lifted from bank.....	200	13,904	10,004		3,003	5,089	32,200	258,260						
Lifted from waste heap.....							9,284							
Total output	531,354	138,990	64,512	38,979	86,993	723,631	1,780,334	9,811,253						

Table 144.—Shipments of Coal from British Columbia Mines, by Grades and Destination, 1947 and 1948

Destination	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut- slack	Slack	TOTAL
1947							
(Short tons)							
Railroads for locomotive use—							
(a) In Canada.....	349,992	4,990	1,171	302	633	6,008	363,006
(b) In the United States.....	10,071						10,071
British Columbia—							
(a) Shipments to industrial consumers and to dealers for resale.....	6,281	98,756	68,804	9,747	105,974	242,098	534,660
(b) Sales direct to domestic consumers, except to employees.....	11,621	10,184	3,653	1,081	3,874	5,081	35,404
Alberta.....	324	46		705	146	25,279	26,500
Saskatchewan.....	4,245	1,137		3,370		1,789	10,521
Manitoba.....	7,043	568		30,643		149,075	187,929
Yukon.....		1,684	576				2,240
United States.....		7,456	1,960	3,368	1,043	119,374	133,201
Ships' bunkers.....		25,889	12,874		2,850	5,943	47,556
Ontario.....	921	774		291			1,986
Alaska.....		669	182			273	1,124
Total	390,498	152,133	89,220	49,507	117,793	555,227	1,354,378

Table 144.—Shipments of Coal from British Columbia Mines, by Grades and Destination, 1947 and 1948—Concluded

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut- slack	Slack	TOTAL
(Short tons)							
1948							
Railroads, for locomotive use—							
(a) In Canada.....	369,423	5,978	637	172	443	4,557	381,210
(b) In the United States.....	76,760						76,760
British Columbia—							
(a) Shipments to industrial consumers and to dealers for resale.....	32,460	99,120	47,551	8,779	81,441	267,238	536,589
(b) Sales direct to domestic consumers, except to employees.....	10,073	9,584	3,435	2,648	3,461	15,054	44,255
Alberta.....	674			84	321	49,551	50,030
Saskatchewan.....	3,575	708		2,006		2,388	8,677
Manitoba.....	6,618	531		22,446	416	120,803	150,814
Yukon.....							
United States.....	25,350	5,511	3,165	2,563	261	86,973	123,823
Ships' bunkers.....		6,828	7,420			274	14,727
Ontario.....	579	915		281			1,775
Alaska.....		2,514	511				3,025
Total.....	525,512	131,689	62,728	38,879	86,617	546,760	1,392,285

Table 145.—Exports of Canadian Coal through British Columbia Ports, 1945-1948

Port	1945	1946	1947	1948	(Short tons)
Boundary Bay.....					6
Cranbrook.....	276,580	259,738	228,059	105,019	
Huntingdon.....				71,438	
Kingsgate.....				170,264	
Nanaimo.....	38,703	95,934	61,804	161,328	
Nelson.....				705	
New Westminster.....	47,266	52,477	19,421	59,331	
Osoyoos.....				23	
Penticton.....	225	40	65	82	
Prince Rupert.....	55	263	71	19,376	
Stewart.....				28	
Trail.....	27	5	9		
Vancouver.....		377	20	103,689	
White Rock.....				106	
Total.....	368,856	408,834	309,539	691,455	

Table 146.—*Imports of Coal into British Columbia, by Sources, 1947 and 1948

Source	1947			1948		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
(Short tons)						
United States.....	51	1,968	2,019	2,116	19,797	21,913
Great Britain.....		30	30			
Total.....	51	1,998	2,019	2,116	19,797	21,913

* The total tonnage of foreign coal received at British Columbia ports of entry. See page 4, section 2, for explanation.
 Note:—Imports of briquettes are included with bituminous coal for January, February and March 1948. Imports of lignite are included with bituminous coal.

Table 147.—Sales of Coal and Coke by Retail Fuel Dealers in British Columbia, 1947 and 1948

	1947	1948
	(Short tons)	
United States—Bituminous—		
High Volatile—Miscellaneous sizes.....		15,217
Canadian—Bituminous.....	385,593	382,473
—Domestic and lignite.....	487,262	444,212
—Briquettes.....	33,500	29,070
Total coal and coke.....	906,364	870,972

Table 148.—Stocks of Coal and Coke held by Retail Fuel Dealers in British Columbia on December 31, 1947 and 1948

	Dec. 31, 1947	Dec. 31, 1948
	(Short tons)	
United States—Bituminous—		
High Volatile—Other sizes.....		142
Canadian—Bituminous—		
—Domestic and lignite.....	11,228	9,878
—Briquettes.....	15,998	9,739
Total coal and coke.....	27,229	19,739

Table 149.—Consumption of Coal and Coke by Industrial Consumers* in British Columbia, 1947 and 1948

	1947	1948
	(Short tons)	
Anthracite—Blower sizes.....		301
Bituminous—		
United States—		
Low volatile—Slack.....	5	15
High volatile—Slack.....	398	7,005
—Other sizes.....		5,332
Canadian Bituminous.....	342,277	321,502
Domestic and lignite.....	64,700	88,563
Coke †—From coal.....	93,815	94,938
Petroleum.....	87	179
Total coal and coke.....	501,292	517,835

* Does not include firms using less than 500 tons of coal per annum.

† Figures for foundries using less than 500 tons of coal per annum are not included.

Table 150.—Summary Coal Statistics for British Columbia in 1947—Output, Exports, Interprovincial Shipments, Imports and Coal Available for Consumption, by Months and by Kinds

Month	Canadian coal				Imported from U.S.A.	Imported from Great Britain	Available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported			
(Short tons)							
January—							
Bituminous.....	142,509	68,251	18,648	35,958	146		156,300
Sub-bituminous.....		40,474					40,474
Lignite.....					56		56
Total.....	142,509	108,725	18,648	35,958	202		196,830
February—							
Anthracite.....	135,164	57,675	18,909	23,270	83		150,743
Bituminous.....		25,314					25,314
Sub-bituminous.....					32		32
Lignite.....							
Total.....	135,164	82,989	18,909	23,270	115		176,089

Table 150.—Summary Coal Statistics for British Columbia in 1947—Output, Exports, Interprovincial Shipments, Imports and Coal Available for Consumption, by Months and by Kinds—Concluded

Month	Canadian coal				Imported from U.S.A.	Imported from Great Britain	Available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported			
(short tons)							
March—							
Bituminous.....	139,489	63,540	19,016	27,711	168		156,470
Sub-bituminous.....		21,291					21,291
Lignite.....							
Total.....	139,489	84,831	19,016	27,711	168		177,761
April—							
Anthracite.....							51
Bituminous.....	139,569	59,944	17,236	22,479	95		159,893
Sub-bituminous.....		21,029					21,029
Lignite.....							
Total.....	139,569	80,973	17,236	22,479	140		180,973
May—							
Bituminous.....	142,450	51,418	17,813	17,822	253		158,486
Sub-bituminous.....		16,192					16,192
Lignite.....							
Total.....	142,450	67,610	17,813	17,822	253		174,078
June—							
Bituminous.....	154,886	49,260	19,301	20,881	300		164,273
Sub-bituminous.....		17,065					17,065
Lignite.....							
Total.....	154,886	66,325	19,301	20,881	300		181,338
July—							
Bituminous.....	136,267	38,810	16,642	33,272	132		125,295
Sub-bituminous.....		9,828					9,828
Lignite.....							
Total.....	136,267	48,638	16,642	33,272	132		135,123
August—							
Bituminous.....	135,794	45,744	12,944	40,340			128,254
Sub-bituminous.....		16,684					16,684
Lignite.....							
Total.....	135,794	62,428	12,944	40,340			144,938
September—							
Anthracite.....							
Bituminous.....	165,012	48,187	19,999	20,882	101		172,419
Sub-bituminous.....		16,803					16,803
Lignite.....							
Total.....	165,012	64,990	19,999	20,882	101	30	189,252
October—							
Bituminous.....	166,848	48,668	25,704	24,765	98		165,145
Sub-bituminous.....		21,458					21,458
Lignite.....							
Total.....	166,848	70,126	25,704	24,765	138		186,643
November—							
Bituminous.....	147,895	54,164	19,632	22,154	214		160,487
Sub-bituminous.....		23,851					23,851
Lignite.....							
Total.....	147,895	78,015	19,632	22,154	214		184,338
December—							
Bituminous.....	158,016	54,301	23,332	20,005	241		169,221
Sub-bituminous.....		29,371					29,371
Lignite.....							
Total.....	158,016	83,672	23,332	20,005	241		198,592
Total—							
Anthracite.....							51
Bituminous.....	1,763,899	639,962	229,176	309,539	1,840		1,866,936
Sub-bituminous.....		253,360					253,360
Lignite.....							
Total.....	1,763,899	899,322	229,176	309,539	2,019	30	2,126,555

Table 151.—Summary Statistics for British Columbia in 1948—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds

Month	Canadian coal				Imported from U.S.A.	Available for consumption
	Output	Received from other provinces	Shipped to other provinces	*Exported		
(Short tons)						
January—						
Bituminous.....	58,028	31,460	6,387	2,910	2,904	83,104
Sub-bituminous.....		32,053				32,053
Total.....	58,028	63,522	6,387	2,910	2,904	115,137
February—						
Bituminous.....	45,581	21,637	6,665	7,924	7,723	60,352
Sub-bituminous.....		22,103				22,103
Lignite.....						
Total.....	45,581	43,740	6,665	7,924	7,723	82,455
March—						
Anthracite.....						
Bituminous.....	126,179	70,681	23,725	22,214	2,116	2,116
Sub-bituminous.....		24,540			5,572	156,493
Total.....	126,179	95,221	23,725	22,214	7,688	183,149
April—						
Bituminous.....	161,036	80,469	20,012	19,294	580	202,779
Sub-bituminous.....		18,401				18,401
Total.....	161,036	98,870	20,012	19,294	580	221,180
May—						
Bituminous.....	143,951	48,558	16,415	13,018	57	163,133
Sub-bituminous.....		12,841				12,841
Total.....	143,951	61,399	16,415	13,018	57	175,974
June—						
Bituminous.....	111,480	24,003	12,193	1,731	156	121,715
Sub-bituminous.....		11,600				11,600
Total.....	111,480	35,603	12,193	1,731	156	133,315
July—						
Bituminous.....	208,496	52,989	21,211	21,706	50	218,818
Sub-bituminous.....		11,666				11,666
Total.....	208,496	64,655	21,211	21,706	50	230,284
August—						
Bituminous.....	223,656	61,865	20,882	25,456		239,003
Sub-bituminous.....		24,346				24,346
Total.....	223,656	86,711	20,882	25,456		263,840
September—						
Bituminous.....	194,237	62,930	20,410	25,380	43	211,420
Sub-bituminous.....		22,623				22,623
Total.....	194,237	85,553	20,410	25,380	43	234,043
October—						
Bituminous.....	173,172	70,344	18,718	26,916	220	207,102
Sub-bituminous.....		28,829				28,829
Total.....	173,172	108,173	18,718	26,916	220	235,931
November—						
Bituminous.....	173,980	90,673	21,774	22,100	1,618	222,388
Sub-bituminous.....		36,434				36,434
Total.....	173,980	127,107	21,774	22,100	1,618	258,822
December—						
Bituminous.....	160,538	54,835	23,504	14,950	874	177,793
Sub-bituminous.....		37,457				37,457
Total.....	160,538	92,292	23,504	14,950	874	215,250
Total—						
Anthracite.....						
Bituminous.....	1,780,334	679,453	211,896	203,608	2,116	2,116
Sub-bituminous.....		283,393			19,797	2,664,080
Total.....	1,780,334	962,846	211,896	203,608	21,913	2,349,589

Imports of briquettes are included with bituminous coal for Jan., Feb. and Mar., 1948.

Imports of Lignite are included with bituminous coal for 1948.

*Export figures are taken from Coal Operators' statements, and show actual amounts of provincial output which were shipped direct for export.

Table 152.—Employment and Man-Days Worked in the Coal Mines of British Columbia,
1944-1948

	1944	1945	1946	1947	1948
Average number of employees—					
Surface.....	862	684	647	724	751
Underground.....	1,993	1,852	1,746	1,608	1,435
Total.....	2,855	2,536	2,333	2,332	2,186
Man-days worked—					
Surface.....	248,593	184,337	174,187	162,106	149,379
Underground.....	481,181	429,691	400,713	354,498	286,191
Total.....	729,774	614,028	574,900	516,604	435,570
Average number of man-days worked during year—					
By surface employees.....	288	269	269	224	199
By underground employees.....	241	232	230	220	199
By all employees.....	256	242	240	222	199

Table 153.—Employment, and Work Done by Months at the Coal Mines
of British Columbia in 1947 and 1948

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
1947						
January.....	649	1,819	2,468	14,797	35,150	49,947
February.....	656	1,810	2,466	13,773	31,956	45,729
March.....	654	1,770	2,424	13,681	37,424	51,105
April.....	608	1,746	2,414	12,229	30,417	42,616
May.....	703	1,596	2,299	13,216	29,981	43,197
June.....	697	1,578	2,275	13,023	29,485	42,508
July.....	707	1,490	2,197	12,440	26,057	38,497
August.....	931	1,438	2,369	13,581	22,512	36,093
September.....	811	1,428	2,239	14,299	25,890	40,189
October.....	779	1,485	2,264	14,709	28,887	43,596
November.....	765	1,534	2,299	13,649	26,949	40,598
December.....	680	1,585	2,265	12,709	29,790	42,499
Total.....				162,106	354,498	516,604
1948						
January.....	709	1,552	2,261	6,938	12,166	19,101
February.....	449	861	1,310	4,352	7,574	11,926
March.....	433	879	1,312	7,995	17,073	25,068
April.....	649	1,558	2,207	11,298	27,748	39,016
May.....	709	1,551	2,260	11,642	26,080	37,722
June.....	778	1,539	2,315	12,107	24,106	36,213
July.....	1,037	1,534	2,571	18,969	27,802	46,771
August.....	910	1,505	2,415	17,362	30,007	47,369
September.....	909	1,513	2,422	15,459	26,733	42,192
October.....	850	1,534	2,384	13,904	26,880	40,784
November.....	797	1,581	2,378	15,276	29,625	41,901
December.....	779	1,616	2,395	14,077	30,397	44,474
Total.....				149,379	286,191	435,570

Table 154.—Number of Man-Days Worked at Coal Mines in British Columbia,
by Districts, 1947 and 1948

District	1947			1948		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Crow's Nest Pass.....	64,602	167,211	231,813	72,254	144,658	216,912
Inland.....	6,032	23,145	29,177	14,746	17,940	32,686
Island.....	91,472	164,142	255,614	62,379	123,593	185,972
Total.....	162,106	354,498	516,604	149,379	286,191	435,570

Table 155.—Employment at Coal Mines in British Columbia, by Classes, 1947 and 1948

Classification	Surface	Under-ground	Total
1947			
UNDERGROUND MINING			
SALARIED EMPLOYEES—			
Mine manager, underground manager, overman, pit bosses, fire bosses, foremen, etc.	54	96	150
Administrative and office staff	50		50
TOTAL	104	96	200
WAGE-EARNERS—			
Foremen and other officials on wages	15	13	28
Miners: all men on hand and mechanical production		881	881
Maintenance: timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.	51	181	232
Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen	34	388	422
Tipple, preparation and shipping	204		204
Powerhouse, boilers and shops	101		101
Miscellaneous	136	49	185
TOTAL	541	1,512	2,053
STRIP MINING			
(Include employees of contractors)			
Salaried employees	8		8
Wage-earners	71		71
TOTAL EMPLOYMENT			
Total salaried employees	112	96	208
Total wage-earners	612	1,512	2,124
Total	724	1,608	2,332
1948			
UNDERGROUND MINING			
SALARIED EMPLOYEES—			
Mine manager, underground manager, overman, pit bosses, fire bosses, foremen, etc.	49	82	131
Administrative and office staff	45		45
TOTAL	94	82	176
WAGE-EARNERS—			
Foremen and other officials on wages	18	22	40
Miners: all men on hand and mechanical production		793	793
Maintenance: timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.	26	186	212
Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen	29	339	368
Tipple, preparation and shipping	230		230
Powerhouse, boilers and shops	111		111
Miscellaneous	51	13	64
TOTAL	465	1,353	1,818
STRIP MINING			
(Include employees of contractors)			
Salaried employees	31		31
Wage-earners	161		161
TOTAL EMPLOYMENT			
Total salaried employees	125	82	207
Total wage-earners	626	1,353	1,979
Total	751	1,435	2,186

NOTE.—Employees, Salaries and Wages—see Table 171.

CHAPTER ELEVEN

YUKON

Table 156.—Output of Coal from Yukon Mines, 1929-1948

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1929.....	458	1,848	1935.....	835	3,483
1930.....	653	3,110	1936.....	510	2,286
1931.....	904	5,039	1937.....	84	812
1932.....	808	3,491	1938.....	361	3,400
1933.....	862	3,670	1939-1947.....		
1934.....	638	2,217	1948.....	3,801	25,857

Table 157.—Imports of Bituminous Coal into Yukon and Exports of Canadian Coal through Yukon Ports, 1945-1948

		1945	1946	1947	1948
		(Short tons)			
IMPORTS—					
Dawson.....					15.....
White Horse.....					11.....
Total.....					26 Included in B.C.
EXPORTS—					
Dawson.....					12.....
White Horse.....					
Total.....					12

Table 158.—Summary Coal Statistics for 1947—Interprovincial Shipments, Exports, Imports, etc., by Months and Kinds, 1947

Month	Received from other provinces	Exported	Imported from U.S.A.	Imported from Alaska
	(Short tons)			
Mar. Bituminous.....				6.....
July Bituminous.....		12		
Aug. Bituminous.....			15	
Oct. Bituminous.....	2,240			5.....
Total Bituminous.....	2,240	12	21	5

NOTE.—1948 data for Yukon are included with British Columbia.

Table 159.—Output of Coal from Yukon Mines, by Months, 1948

Month	Short tons
January.....	379
February.....	342
March.....	361
April.....	545
May.....	594
June.....	559
July.....	508
August.....	273
September.....	240
October.....	
November.....	
December.....	
Total	3,801

Table 160.—Disposition of Coal from Yukon Mines, by Grades, 1948

—	Run of mine	Lump, cobble or egg	Total	Value at mine
	(Short tons)			\$
Shipped as per Table 161.....	1,049	277	1,326	13,952
Put on bank.....	2,516		2,516	25,160
Put on waste heap.....			1,233	
Total disposition	3,565	277	5,875	39,112
Lifted from bank.....	1,068	206	1,274	13,255
Total Output	2,497	71	3,501	25,857

Table 161.—Shipments of Coal from Yukon Mines, by Grades and Destination, 1948

Destination	Run of mine	Lump, cobble or egg	Total
	(Short tons)		
Yukon— Shipments to industrial consumers.....	1,049	277	1,326
Total	1,049	277	1,326

Table 162.—Employment and Man-Days Worked in Yukon Coal Mines, 1948

	1948
Average number of employees.	
Surface.....	15
Underground.....	8
Total	23
Man-days worked—	
Surface.....	2,985
Underground.....	2,057
Total	5,042
Average number of man-days worked during year.	
By surface employees.....	199
By underground employees.....	257
By all employees	219

Table 163.—Employment and Work Done by Months, at Yukon Coal Mines, 1948

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	15	8	23	223	206	429
February.....	8	10	18	81	206	287
March.....	12	10	22	204	238	442
April.....	15	10	25	333	260	593
May.....	17	11	28	415	217	632
June.....	17	11	28	344	248	592
July.....	19	11	30	395	202	597
August.....	23	10	33	484	257	741
September.....	24	7	31	309	170	479
October.....	20	6	26	197	53	250
November.....						
December.....						
Total.....				2,985	2,057	5,042

Table 164.—Employment at Yukon Coal Mines, by Classes, 1948

Classification	1948		
	Surface	Under-ground	Total
UNDERGROUND MINING			
SALARIED EMPLOYEES—			
Mine manager, underground manager, overman, pit bosses, fire bosses, foremen, etc.....		1	1
Administrative and office staff.....	1		1
TOTAL.....	1	1	2
WAGE-EARNERS—			
Foreman and other officials on wages.....			
Miners: all men on hand and mechanical production.....		7	7
Maintenance: timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.....	1		1
Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen.....	1		1
Tipple, preparation and shipping.....	8		8
Powerhouse, boilers and shops.....	4		4
Miscellaneous.....			
TOTAL.....	14	7	21
Grand Total.....	15	8	23

NOTE.—Employees, Salaries and Wages—see Table 172.

APPENDIX ONE

Table 165.—Employees, Salaries and Wages in the Coal Mines of Canada, by Provinces, 1947 and 1948

Province	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners			Total	Salaries	Wages
	Male	Female	Surface	Under-ground				
1947								
Nova Scotia.....	393	37	1,475	8,140	10,045	1,089,425	18,015,929	19,105,354
New Brunswick.....	40	7	219	385	651	108,249	1,038,008	1,146,857
Saskatchewan.....	45	3	262	179	489	102,628	952,985	1,055,613
Alberta.....	683	47	2,443	5,537	8,710	1,807,940	18,200,947	20,017,887
British Columbia.....	201	7	613	1,511	2,332	484,483	4,502,101	4,986,584
Yukon.....								
Canada.....	1,362	101	5,012	15,752	22,227	3,592,725	42,719,570	46,312,295
1948								
Nova Scotia.....	659	37	1,605	9,653	12,044	2,031,378	26,978,208	29,009,586
New Brunswick.....	48	9	270	505	832	168,930	1,493,366	1,662,296
Saskatchewan.....	40	4	279	105	428	78,976	852,032	931,008
Alberta.....	727	36	2,630	5,414	8,067	2,109,677	19,521,077	21,630,754
British Columbia.....	200	7	626	1,353	2,186	516,517	4,752,846	5,269,363
Yukon.....	2		13	7	22	(Figures not available)		
Canada.....	1,676	93	5,513	17,037	24,319	4,905,478	53,598,128	58,503,607

† Data on salaried employees and salaries refer only to salaried employees at the mine. They do not include head office and other salaried employees not connected directly with the mining operations.

Table 166.—Employees, Salaries and Wages in the Coal Mines of Nova Scotia, by Districts, 1947 and 1948

District	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners			Total	Salaries	Wages
	Male	Female	Surface	Under-ground				
1947								
Cape Breton.....	277	27	975	5,995	7,274	773,451	12,949,338	13,722,789
Cumberland.....	46	3	212	1,037	1,298	148,171	2,261,633	2,409,204
Inverness.....	19	1	59	148	227	33,063	402,014	435,967
Pictou.....	51	6	229	960	1,346	133,850	2,403,544	2,537,394
Total.....	393	37	1,475	8,140	10,045	1,089,425	18,015,929	19,105,354
1948								
Cape Breton.....	477	26	1,146	7,068	8,717	1,479,890	19,644,429	21,124,328
Cumberland.....	83	4	227	1,198	1,512	249,915	3,220,557	3,470,172
Inverness.....	27	2	75	200	304	58,361	589,265	617,626
Pictou.....	72	5	247	1,187	1,511	243,203	3,523,057	3,767,160
Total.....	659	37	1,695	9,653	12,044	2,031,378	26,978,208	29,009,586

NOTE.—Data on salaried employees and salaries refer only to salaried employees at the mine, whereas figures for previous years included head office employees and other salaried employees not connected directly with the mining operations.

**Table 167.—Employees, Salaries and Wages in the Coal Mines of New Brunswick,
1947 and 1948**

	1947	1948
Number of salaried employees—		
Male.....	40	48
Female.....	7	9
Number of daily wage-earners—		
Surface.....	219	270
Underground.....	385	505
Total	601	832
Salaries and wages—		
Salaries.....	108,249	108,930
Wages.....	1,038,608	1,493,366
Total	1,146,857	1,662,296

NOTE.—Data on salaried employees refer only to salaried employees at the mine.

**Table 168.—Employees, Salaries and Wages in the Coal Mines of Saskatchewan,
1947 and 1948**

	1947	1948
Number of salaried employees—		
Male.....	45	40
Female.....	3	4
Number of daily wage-earners—		
Surface.....	262	279
Underground.....	179	105
Total	489	428
Salaries and wages—		
Salaries.....	102,628	78,976
Wages.....	952,985	852,632
Total	1,055,613	931,608

NOTE.—Data on salaried employees refer only to salaried employees at the mine.

Table 169.—Employees, Salaries and Wages, at the Coal Mines of Alberta, by Districts, 1947

District	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners		Total	Salaries	Wages	Total
	Male	Female	Surface	Under-ground				
BITUMINOUS—						\$	\$	\$
Cascade	38		108	143	289	87,444	650,827	738,271
Coalspur	51	14	305	313	683	178,207	1,673,945	1,852,152
Crowsnest	197	4	594	1,448	2,243	520,064	4,478,411	4,998,475
Halcourt			1	2	3		1,214	1,214
Highwood								
Lethbridge	34	3	141	449	627	56,166	1,319,525	1,375,691
Mountain Park	97	5	349	404	855	284,453	2,036,501	2,320,954
Morley	1		1	1	3	1,000	2,000	3,000
Nordegg	19	3	145	192	359	62,449	919,532	981,981
Pekisko	1		1	4	6	2,000	5,408	7,408
Pincher			1	2	3		2,354	2,354
Prairie Creek	1		3	2	6	1,000	933	1,933
Saunders	12		30	87	129	35,775	294,182	329,957
Total bituminous	451	29	1,679	3,047	5,206	1,228,558	11,384,832	12,613,390
SUB-BITUMINOUS—								
Ardley	1		6	3	10	1,640	10,843	12,483
Big Valley	2		7	18	27	3,800	34,829	38,629
Brooks	6	1	63		70	10,500	81,862	92,362
Carmrose	9		38	39	84	13,736	133,884	147,620
Carbon	6		25	63	94	10,037	147,511	157,548
Castor	9	1	18	52	80	9,362	79,361	88,723
Champion	2		2	13	17	3,300	14,561	17,861
Drumheller	110	12	350	1,723	2,195	374,023	4,815,272	5,189,295
Edmonton	49	2	97	469	617	86,999	1,136,589	1,223,588
Gleichen	3		3	28	34	6,036	41,506	47,542
Milk River			1	2	3		2,100	2,100
Pakani								
Pakowki							40	40
Pembina	8		40	48	96	11,775	142,543	154,318
Redcliff	1		3	9	13	2,000	18,948	20,948
Rochester	2		4		6	2,370	2,838	5,208
Sexsmith								
Sheerness	7		21	3	31	8,267	21,142	29,409
Steveville								
Taber	8	1	25	11	45	15,182	40,248	55,430
Tofield	8		58	6	72	18,755	95,806	114,561
Westlock			2		2		1,471	1,471
Wetaskiwin	1			2	3	1,000	1,419	2,419
Whitecourt			1		1		300	300
Area not designated		1	2		3	600	2,042	2,642
Total sub-bituminous	232	18	764	2,490	3,504	579,382	6,825,115	7,404,497
Total Alberta	683	47	2,443	5,537	8,710	1,807,940	18,209,947	20,017,887

NOTE.—Data on salaried employees refer only to salaried employees at the mine.

Table 170.—Employees, Salaries and Wages, at the Coal Mines of Alberta, by Districts, 1948

District	Average number of employees					Salaries and wages		
	Salaried employees		Wage-earners		Total	Salaries	Wages	Total
	Male	Female	Surface	Under-ground				
BITUMINOUS—								
Cascade.....	45		132	148	325	104,048	783,762	887,810
Coulspur.....	59	8	304	291	662	172,839	1,703,036	1,876,475
Crowsnest.....	203	4	709	1,469	2,385	658,149	4,912,151	5,570,300
Halcourt.....			1	1	2		1,176	1,176
Highwood.....			2	1	3		600	600
Lethbridge.....	34	3	146	470	653	73,722	1,430,127	1,503,849
Mountain Park.....	94	5	373	374	846	321,707	2,250,130	2,571,837
Morley.....	1			1	2	1,000	1,000	2,000
Nordegg.....	27	2	153	203	385	74,493	1,039,123	1,113,616
Pekisko.....	1			6	7	1,000	12,830	13,830
Pincher.....				3	3		3,000	3,000
Prairie Creek.....	1		1	2	4	1,021	932	1,953
Saunders.....	11		32	88	131	37,617	316,320	353,937
Total bituminous.....	476	22	1,853	3,057	5,408	1,445,596	12,454,787	13,900,383
Sub-Bituminous—								
Ardley.....	1		9	3	13	400	15,984	16,384
Big Valley.....	2		7	23	32	6,242	48,661	54,903
Brooks.....	14		72		86	42,074	71,907	113,981
Camrose.....	8		34	24	66	28,741	108,425	137,166
Carbon.....	5		25	64	94	10,765	159,716	170,481
Castor.....	8	1	24	54	87	8,593	84,284	92,877
Champion.....	3		2	13	18	5,140	11,408	16,548
Drumheller.....	117	10	349	1,785	2,261	377,651	5,317,019	5,694,670
Edmonton.....	55	1	80	310	446	120,703	832,242	952,945
Gleichen.....	4		2	34	40	6,904	54,155	61,659
Milk River.....			1	3	4		2,000	2,000
Pakowski.....								
Pembina.....	9		41	10	60	13,790	97,963	111,753
Redcliff.....	3		5	12	20	4,300	41,365	45,665
Rochester.....	3		3		6	2,905	3,905	6,810
Sheerness.....	4		22	3	29	6,700	29,499	36,199
Slave.....			1		1		300	300
Taber.....	7	2	26	9	44	7,732	52,604	60,336
Tofield.....	7		71	7	85	20,615	130,725	151,349
Westlock.....			2		2		2,678	2,678
Wetaskiwin.....	1			2	3	826	1,100	1,926
Whitecourt.....				1	1		50	50
Area not designated.....			1		1		300	300
Total sub-bituminous.....	251	14	777	2,357	3,399	664,081	7,066,290	7,730,371
Total Alberta.....	727	36	2,630	5,414	8,807	2,109,677	19,521,877	21,630,754

NOTE.—Data on salaried employees refer only to salaried employees at the mine.

Table 171.—Employees, Salaries and Wages in the Coal Mines of British Columbia, by Districts, 1947 and 1948

District	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners		Total	Salaries	Wages	Total
	Male	Female	Surface	Under-ground				
1947								
Crow's Nest Pass.....	95		256	720	1,071	185,814	1,089,869	2,175,683
Inland.....	16		19	91	126	24,672	239,298	263,970
Island.....	90	7	338	700	1,135	273,997	2,272,934	2,546,931
British Columbia	201	7	613	1,511	2,332	484,483	4,502,101	4,986,584
1948								
Crow's Nest Pass.....	104		316	706	1,126	244,695	2,336,629	2,581,324
Inland.....	19		63	83	165	32,846	277,847	310,693
Island.....	77	7	247	564	895	238,976	2,138,370	2,377,346
British Columbia	200	7	626	1,353	2,186	516,517	4,752,846	5,269,363

NOTE.—Data on salaried employees and salaries refer only to salaried employees at the mine, whereas figures for previous years included head office and other salaried employees not connected directly with the mining operations.

Table 172.—Employees, Salaries and Wages in the Coal Mines of Yukon Territory, 1947 and 1948

		1947	1948
Salaried employees — Male.....	No.		
Female.....	No.		2
Daily wage earners — Surface.....	No.		
Underground.....	No.		13
Total.....	No.		7
Salaries and wages — Salaries.....	\$		
Wages.....	\$		Not available
Total.....	\$		

NOTE.—Data on salaried employees refer only to salaried employees at the mine.

Table 173.—Fuel and Electricity Used in the Coal Mining Industry in Canada, by Kinds and by Provinces, 1947

Province	Coal			Gasoline, kerosene and fuel oil	Elec- tricity purchased	Total value	Electri- city generated for own use
	Bitumin- ous	Sub- bitumin- ous	Lignite				
	Tons	Tons	Tons	Imp. Gal.	K.W.H.	\$	K.W.H.
NOVA SCOTIA—							
Quantity.....	238,110			21,689	91,805,667		17,182,640
Value.....\$	975,177			5,378	1,148,738	2,129,293	
NEW BRUNSWICK—							
Quantity.....	8,610			115,637	2,088,998		
Value.....\$	30,296			21,861	36,524	97,681	
SASKATCHEWAN—							
Quantity.....			24,629	200,871	3,943,826		
Value.....\$			27,339	63,495	73,298	164,132	
ALBERTA—							
Quantity.....	156,915	18,598		599,803	47,123,894		20,675,701
Value.....\$	530,257	41,043		167,037	570,108	1,317,445	
BRITISH COLUMBIA—							
Quantity.....	25,503			69,943	22,118,480		15,485,390
Value.....\$	105,207			20,268	216,024	341,499	
Canada—							
Quantity.....	425,138	18,598	24,629	1,007,943	167,080,863		53,353,731
Value.....\$	1,658,937	41,043	27,339	278,039	2,044,692	4,650,050	

Table 174.—Fuel and Electricity used in the Coal Mining Industry in Canada, by Kinds and by Provinces, 1948

Province	Coal			Gasoline, kerosene and fuel oil	Elec- tricity purchased	Total value	Electri- city generated for own use
	Bitumin- ous	Sub- bitumin- ous	Lignite				
	Tons	Tons	Tons	Imp. Gal.	K.W.H.	\$	K.W.H.
NOVA SCOTIA—							
Quantity.....	324,011			10,104	120,611,314		20,790,120
Value.....\$	2,222,494			5,247	1,410,140	3,637,881	
NEW BRUNSWICK—							
Quantity.....	8,070			488,501	2,783,877		
Value.....\$	46,964			97,672	45,896	196,593	
SASKATCHEWAN—							
Quantity.....			22,789	235,890	3,830,487		165
Value.....\$			28,094	78,965	71,292	178,351	
ALBERTA—							
Quantity.....	151,794	14,623		795,201	49,110,416		19,628,082
Value.....\$	598,404	33,189		230,986	589,872	1,452,451	
BRITISH COLUMBIA—							
Quantity.....	22,999			298,933	20,368,440		13,590,600
Value.....\$	116,000			77,416	192,228	385,644	
Canada—							
Quantity.....\$	506,874	14,623	22,789	1,837,629	196,704,534		51,008,967
Value.....\$	2,983,862	33,189	28,094	490,286	2,309,398	5,844,829	

NOTE.—Figures for Yukon not available.

Table 175.—Average value of Coal f.o.b. Mines, together with Labour, Fuel and Electricity Costs per ton Raised, by Provinces and by Districts, in 1947 and 1948

	1947			1948		
	Average value per ton of coal raised	Average labour costs per ton raised	Fuel and electricity costs per ton	Average value per ton of coal raised	Average labour costs per ton raised	Fuel and electricity costs per ton
	\$	\$	\$	\$	\$	\$
NOVA SCOTIA—(Bituminous)						
Cape Breton.....	6.357	4.468	.476	7.193	4.309	.474
Cumberland.....	7.231	4.446	.565	8.065	4.459	.669
Inverness.....	7.083	5.114	.724	8.296	6.580	.916
Pictou.....	7.278	6.041	.705	8.462	5.778	1.079
Total Nova Scotia.....	6.599	4.639	.517	7.444	4.519	.565
NEW BRUNSWICK—(Bituminous).....	6.667	3.322	.254	7.152	3.184	.365
SASKATCHEWAN—(Lignite).....	1.864	.672	.104	1.900	.586	.112
ALBERTA—						
Bituminous—						
Cascade.....	4.582	2.621	.427	5.548	2.631	.409
Coalspur.....	4.353	2.462	.186	4.715	2.398	.154
Crowsnest.....	4.410	2.539	.161	5.289	2.908	.196
Halcourt.....	6.262	1.315	.591	7.644	1.858	.817
Highwood.....				4.016	.600	
Lethbridge.....	5.143	2.975	.107	6.129	3.801	.129
Magrath.....						
Morley.....	3.499	1.907	.115	3.987	2.186	.197
Mountain Park.....	4.750	2.430	.240	5.589	2.293	.263
Nordegg.....	4.453	2.657	.292	5.003	3.487	.357
Pekisko.....	4.881	2.187	.247	5.874	3.286	.148
Pincher.....	3.705	3.457	.095	5.110	4.304	.093
Prairie Creek.....	5.627	3.248	1.092	6.524	2.289	.586
Saunders.....	6.719	5.049	.531	8.260	6.496	.655
Total Bituminous.....	4.583	2.608	.203	5.366	2.817	.229
Sub-bituminous—						
Ardley.....	3.482	.809	.003	3.547	.687	.003
Big Valley.....	3.764	2.714	.069	4.304	2.998	.066
Brooks.....	4.367	.686	.173	4.783	.839	.091
Camrose.....	4.121	1.768	.071	3.913	1.333	.061
Carbon.....	4.290	2.225	.127	4.907	2.556	.134
Castor.....	3.143	1.243	.165	3.444	.891	.185
Champion.....	4.419	2.254	.221	5.298	2.614	.193
Drumheller.....	4.945	2.794	.003	5.938	3.386	.102
Edmonton.....	4.149	2.482	.096	4.392	2.181	.127
Gleichen.....	5.162	3.181	.181	5.947	4.248	.164
Milk River.....	5.754	1.977	.234	6.676	1.204	.301
Pakau.....						
Pakowki.....	2.750	2.600				
Pembina.....	3.060	1.636	.157	2.806	.992	.080
Redcliff.....	4.956	2.435	.311	5.622	3.664	.215
Rochester.....	3.127	.906	.395	3.590	.945	.238
Sexsmith.....						
Sheerness.....	2.087	.543	.081	2.418	.639	.109
Slave.....				6.155	1.666	.083
Taber.....	3.816	.431	.226	4.479	.498	.079
Toftield.....	2.245	.647	.050	2.440	.538	.038
Westlock.....	3.477	2.046	.147	4.208	1.211	.100
Wetaskiwin.....	4.408	1.595		4.718	1.165	
Whitecourt.....	3.411	1.300		4.000	.833	
Area not designated.....	4.324	8.007		5.701	1.587	
Total Sub-bituminous.....	4.413	2.288	.105	4.935	2.424	.100
Total Alberta.....	4.515	2.480	.163	5.197	2.662	.179
BRITISH COLUMBIA—(Bituminous)						
Crow's Nest Pass.....	3.977	1.895	.189	4.732	2.008	.193
Inland.....	6.606	4.022	.314	6.406	4.177	.625
Island.....	6.594	4.626	.188	7.729	5.047	.215
Total British Columbia.....	4.893	2.827	.193	5.510	2.959	.216
YUKON—(Bituminous).....				6.803	†	†
Canada.....	4.252	2.918	.255	5.782	3.171	.317

† No record for Yukon.

Table 176.—Power employed in the Coal Mining Industry in Canada, by Provinces, 1947

Province	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water wheels	Total primary power	Electric motors run by purchased power	Total power employed	Electric motors run by primary power in same plant	Total electric motors	Boilers	Motor-generator sets
NOVA SCOTIA—										
Ordinarily in use. No.	32	9	.....	41	977	1,018	83	1,060	74	13
H.P.	33,182	380	.....	33,562	67,458	101,020	7,697	75,155	27,446	1,870
In reserve or idle No.	5	1	.....	6	55	61	.....	55	4	3
H.P.	733	28	.....	758	1,721	2,479	.....	1,721	1,664	15
Total Nova Scotia No.	37	10	.....	47	1,032	1,079	83	1,115	78	16
H.P.	33,915	405	.....	34,320	69,179	103,199	7,697	76,876	29,110	1,885
NEW BRUNSWICK—										
Ordinarily in use. No.	3	42	.....	45	236	281	.....	236	2	1
H.P.	395	2,405	.....	2,800	1,696	4,496	.....	1,696	200	10
In reserve or idle No.	1	6	.....	7	59	66	.....	59	1	.....
H.P.	45	222	.....	267	576	843	.....	576	155	.....
Total New Brunswick No.	4	48	.....	52	295	347	.....	295	3	1
H.P.	440	2,627	.....	3,067	2,272	5,339	.....	2,272	355	10
SASKATCHEWAN—										
Ordinarily in use. No.	10	31	.....	41	341	382	.....	341	3	14
H.P.	805	1,067	.....	1,872	6,462	8,334	.....	6,462	810	1,248
In reserve or idle No.	1	1	.....	2	51	53	.....	51	3	5
H.P.	200	10	.....	210	1,249	1,450	.....	1,249	345	440
Total Saskatchewan No.	11	32	.....	43	392	435	.....	392	6	19
H.P.	1,065	1,077	.....	2,082	7,711	9,793	.....	7,711	1,155	1,688
ALBERTA—										
Ordinarily in use. No.	59	107	.....	256	1,923	2,179	287	2,210	73	58
H.P.	11,442	5,208	.....	16,650	44,775	61,425	6,803	51,578	11,831	2,305
In reserve or idle. No.	22	8	.....	50	114	144	18	132	13	7
H.P.	8,231	157	.....	8,388	2,066	10,454	627	2,693	1,830	898
Total Alberta No.	81	205	.....	286	2,037	2,323	385	2,349	86	65
H.P.	19,673	5,365	.....	25,018	46,841	71,879	7,430	54,271	13,661	3,203
BRITISH COLUMBIA—										
Ordinarily in use. No.	11	31	2	44	210	254	50	260	21	3
H.P.	3,595	1,426	12,000	17,021	8,502	25,523	6,517	15,019	4,500	10
In reserve or idle. No.	6	5	.....	11	5	16	.....	5	2	1
H.P.	624	195	.....	819	88	907	.....	88	464	3
Total British Columbia No.	17	36	2	55	215	270	50	265	23	4
H.P.	4,219	1,621	12,000	17,840	8,590	26,430	6,517	15,107	4,944	13
Canada—										
Ordinarily in use. No.	115	310	2	427	3,687	4,114	429	4,107	173	89
H.P.	49,419	16,486	12,000	71,905	125,893	200,795	21,017	149,910	44,787	6,413
In reserve or idle No.	35	21	.....	66	284	340	18	308	23	16
H.P.	8,833	609	.....	10,448	5,700	16,142	627	6,327	4,438	1,356
Total Canada 1947.... No.	159	331	2	483	3,971	4,454	438	4,409	196	105
H.P.	59,252	11,095	12,000	82,347	131,593	216,940	21,644	158,237	49,245	6,799

Table 177.—Power Employed in the Coal Mining Industry in Canada, by Provinces, 1948

Province	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water wheels	Total primary power	Electric motors run by purchased power	Total power employed	Electric motors run by primary power in same plant	Total electric motors	Boilers	Motor-generator sets
NOVA SCOTIA—										
Ordinarily in use.	No. 34	12		46	993	1,039	83	1,076	74	15
H.P. 33,582	463			34,045	69,203	103,248	7,697	76,900	27,441	2,095
In reserve or idle.	No. 3	1		4	60	64		60	4	3
H.P. 633	25			658	2,006	2,064		2,006	1,664	15
Total Nova Scotia.	No. 37	13		50	1,053	1,103	83	1,176	78	18
H.P. 34,215	488			54,701	71,299	105,912	7,697	78,906	29,105	2,110
NEW BRUNSWICK—										
Ordinarily in use.	No. 3	63		66	256	322		256		
H.P. 175	3,155			3,350	1,752	5,082		1,752		
In reserve or idle.	No. 1	7		8	53	61		63	3	
H.P. 45	387			438	540	972		540	105	
Total New Brunswick.	No. 4	70		74	309	383		309	3	
H.P. 220	3,542			3,762	2,292	6,054		2,292	105	
SASKATCHEWAN—										
Ordinarily in use.	No. 10	31		41	317	358	1	318	3	14
H.P. 634	898			1,542	5,375	6,907	3	5,378	810	1,246
In reserve or idle.	No. 1			1	98	99		98	3	7
H.P. 10	772			10	2,027	2,037		2,027	345	590
Total Saskatchewan.	No. 10	32		42	415	457	1	416	6	21
H.P. 634	908			1,542	7,402	8,944	3	7,406	1,155	1,836
ALBERTA—										
Ordinarily in use.	No. 60	211		271	2,031	2,302	307	2,358	72	68
H.P. 11,949	5,668			17,557	49,232	66,789	7,173	56,405	11,366	2,853
In reserve or idle.	No. 21	18		39	138	177	9	147	15	3
H.P. 7,899	772			8,671	2,340	11,511	373	8,213	1,740	210
Total Alberta.	No. 81	229		310	2,169	2,479	316	2,485	87	61
H.P. 19,848	6,380			26,228	52,972	78,300	7,546	59,618	13,106	3,063
BRITISH COLUMBIA—										
Ordinarily in use.	No. 11	36	2	49	212	261	50	202	19	3
H.P. 3,595	2,136	12,000	17,751	8,562	26,293	6,517	15,079	4,418	18	
In reserve or idle.	No. 6	7		13	5	18		5	3	1
H.P. 624	345			969	88	1,057		88	534	3
Total British Columbia.	No. 17	43	2	62	217	279	50	267	22	4
H.P. 4,219	2,481	12,000	18,700	8,650	27,350	6,517	15,187	4,952	21	
Canada—										
Ordinarily in use.	No. 118	353	2	473	3,809	4,282	441	4,250	168	90
H.P. 49,935	12,260	12,000	74,195	134,121	208,319	21,390	155,514	44,935	6,212	
In reserve or idle.	No. 31	34		65	354	419	9	563	28	14
H.P. 9,201	1,533			10,740	7,501	18,244	373	7,874	4,388	818
Total, Canada,	No. 149	387	2	538	4,163	4,701	450	4,615	196	104
1948.....	H.P. 58,136	13,799	12,000	84,935	141,625	226,560	21,763	163,588	48,423	7,030

APPENDIX TWO

LEGISLATION PROVIDING ASSISTANCE FOR THE MARKETING
OF CANADIAN COAL

COAL FOR COKE OR GAS

P.C. 3637 (*May 1, 1942*)

The Committee of the Privy Council have had before them a report, dated 27th April, 1942, from the Minister of Finance, representing:-

That Order in Council P.C. 944 of the 26th of April, 1932, has facilitated the use of coal mined in Canada at coking plants in Canada based upon the payment to coal mine operators in Canada of the difference in the laid down cost of coal mined in Canada and of imported coal which would otherwise be used; and

That Order in Council P.C. 8527 of November 1, 1941, as amended, restricts such coke plants from increasing the retail price of their products sold as "Consumer Goods" above the maximum prices at which such products were sold during the basic period, even though the laid down cost of the imported coal which would otherwise have been used may have increased.

The Committee, therefore, on the recommendation of the Minister of Finance, advise that the above noted Order in Council P.C. 944 of the 26th of April, 1932 be hereby rescinded.

The Committee further advise,-

- (1) That in respect to coal mined in Canada and used in the manufacture of coke or gas at any coke or gas plant in Canada, the Minister of Finance be hereby authorized to pay to coal mine operators or distributors in Canada, from such sums as may be provided annually by Parliament for the purpose, the difference in amount per net ton between the laid down cost to the coke oven proprietor or gas manufacturer, of coal mined in Canada and the laid down cost at the same plant of imported coal that would otherwise be used, up to a maximum of \$1.00 per net ton of Canadian coal, subject to the following provisions;
- (2) That, for coke and gas plants in Canada which, during the fiscal year ended March 31, 1942, were using Canadian coal upon which assistance was paid in the terms of Order in Council P.C. 944 of the 26th day of April, 1932, the assistance payable as from April 1st, 1942, shall not be less than the rate of assistance which was paid on such coal during the basic period September 15th to October 11, 1941, unless, due to changed competitive conditions, it is found that the differential calculated for the basic period can be reduced without endangering the ceiling price established on the coke produced;
- (3) That the said payments shall apply only on:-
 - (a) Shipments of coal from coal mines or coal properties operating under legal permit and shipping coal prior to December 31, 1939;
 - (b) Coal manufactured into coke used other than for the smelting of metals or melting of metals;
 - (c) Coal upon which no subsidy, assistance, subvention or reduced freight rate was provided by the Government of Canada by statute or otherwise except as provided under the Maritime Freight Rates Act, 1927 (17 Geo. V, Chapt. 44);
 - (d) Shipments of coal in quantities not less than carload lots;
 - (e) Coal used in plants not operating under the Domestic Fuel Act, 1927 (17 Geo. V, Chap. 52);
- (4) That payments shall not be authorized to those otherwise eligible to participate who refuse or fail to furnish such information as the Minister of Finance may consider necessary in the Administrative duties connected with this authority; and that for the purpose of certifying such information the Minister of Finance or such Officers of the Wartime Prices and Trade Board as he may designate shall have free access to all books, records or accounts kept by shippers or the railways in connection with this movement and may make such examination thereof as shall be considered necessary or expedient;
- (5) That the Minister of Finance be hereby given the right to refuse approval in each and every application for assistance under this authority;
- (6) That the Coal Administrator appointed under the Wartime Prices and Trade Board shall be charged with the duty of Administering this Order in Council and be required to report to the Wartime Prices and Trade Board as to the amounts paid under this Order in Council each year;
- (7) That the Minister of Finance upon receiving the report of the Wartime Prices and Trade Board or such other authority or person as the Minister may appoint for that purpose shall determine the difference in laid down cost at the coke or gas plant of the Canadian coal or coals to be used and of the imported coal which would otherwise be used and shall recommend the amount of assistance per ton which is to be paid within the terms of this authority;
- (8) That the assistance herein authorized shall be effective April 1st, 1942.

P.C. 4348 (*May 22, 1942*) (*Rescinded Nov. 19, 1947*)

The Committee of the Privy Council have had before them a report, dated May 14, 1942, from the Minister of Finance, submitting:-

That owing to greatly increased requirements of coke for war industries it has become necessary for the Coal Administrator to require considerable tonnages of coke, manufactured at coking plants utilizing coal from which assistance is paid in the terms of Order in Council P.C. 3637 of 1st May, 1942, to be sold for use in the smelting of metals from ore or the melting of metals, notwithstanding that such coke has normally been sold for domestic use;

That Section 3, sub-section (b), of the said Order in Council P.C. 3637 of 1st May, 1942, provides that payments shall apply only on "Coal manufactured into coke used other than for the smelting of metals or melting of metals"; and

That the above mentioned restriction will impose undue hardship on suppliers of Canadian coal under the circumstances outlined.

The Committee, therefore, on the recommendation of the Minister of Finance, advise that sub-section (b) of Section 3 of the said Order in Council P.C. 3637 of 1st May, 1942, be hereby rescinded with effect from 1st May, 1942.

Suspension of clauses in certain Orders in Council which follow this Order in Council.

P.C. 3064—(April 20, 1943) (Revoked March 31, 1947)

WHEREAS the Orders in Council providing assistance in the movement of coal hereinafter listed each contain a provision that the assistance shall apply only on shipments of coal from coal mines or coal properties operating under legal permit and shipping coal prior to December 31, 1930;

AND WHEREAS the Minister of Munitions and Supply is of the opinion that, in view of the threatened shortage in the coal supply and to make available at consuming points all coal mined in Canada, the said provisions should be suspended for the duration of the War.

THEREFORE, His Excellency the Governor General in Council, on the recommendation of the Minister of Munitions and Supply, and under and by virtue of the powers conferred on the Governor in Council by the War Measures Act and otherwise, is pleased to order and doth hereby order as follows,—

The provisions hereunder listed of the Orders in Council hereunder listed are hereby suspended, and shall have no effect, until the expiration of three months after the cessation of hostilities in the present war:

- Section (6) of Order in Council P.C. 1861 of August 4, 1938.
- Section (4) of Order in Council P.C. 3971 of December 5, 1939.
- Section (4) of Order in Council P.C. 3972 of December 5, 1939.
- Section (8) of Order in Council P.C. 3989 of December 5, 1939.
- Section 6 of Order in Council P.C. 7588 of October 1, 1941.
- Paragraph (b) of Section (1) of Order in Council P.C. 6643, of July 28, 1942.
- Section 5 of Order in Council P.C. 10473 of November 17, 1942.
- Section 4 of Order in Council P.C. 10592 of November 27, 1942.

NOVA SCOTIA COAL TO QUEBEC AND ONTARIO

P.C. 3969—(December 5, 1939) (Rescinded February 26, 1948)

The Committee of the Privy Council have had before them a report, dated 27th November, 1938, from the Acting Minister of Mines and Resources, with reference to an Order in Council, P.C. 2789 of the 8th day of November, 1938, which authorizes assistance to the movement of coal mined in the Province of Nova Scotia and shipped to consuming points in the Provinces of Quebec and Ontario.

The Government, realizing the necessity for the strictest economy in all matters of expenditure, proposes to reduce the present rates of assistance authorized in the above mentioned Order in Council P.C. 2789, which provides assistance for the movements of Nova Scotia coal under certain conditions.

The Committee, therefore, on the recommendation of the Acting Minister of Mines and Resources, advise that the said Order in Council P.C. 2789 of November 8, 1938, together with amendments thereto, be hereby rescinded and that:

- (1) Movements of coal mined in the Province of Nova Scotia and shipped to points in the Provinces of Quebec and Ontario be assisted by payments out of such sums as may be provided by Parliament from year to year for that purpose.
- (2) With respect to coal mined in the Province of Nova Scotia and transported *wholly by rail* to points in the *Province of Quebec*, (excluding the City of Hull, points on the Quebec and Lake St. John Railway, the Murray Bay line of the Canadian National Railways and points on the railways east of Levis and the Quebec Terminals) for use by consumers other than the railways, the assistance granted shall be by a thirty per cent (30%) reduction of the freight rate in effect at the time of shipment.
- (3) With respect to coal mined in the Province of Nova Scotia and transported *wholly by rail* to points in the *Province of Ontario* and to the City of Hull in the Province of Quebec, for use by consumers other than the railways, the assistance granted shall be by the reduction of one-seventh of one cent per ton per mile from the existing rail rates; provided that the amount of the said reduction shall in no instance exceed one dollar and fifty cents (\$1.50) per net ton, the amount of the said reduction being payable to the railways.
- (4) With respect to coal mined in the Province of Nova Scotia and carried by *water transportation* to St. Lawrence ports and thence transhipped by the railways to points in the Province of Ontario, and to Hull, Timiskaming and Gatineau in the Province of Quebec, for use by consumers other than the railways, the assistance granted for such transhipments shall be by the reduction of one-third of one cent per ton per mile from the existing rail rates from the port of Montreal; provided that the amount of the said reduction shall in no instance exceed one dollar and fifty cents (\$1.50) per net ton, the amount of the said reduction being payable to the railways.
- (5) With respect to coal mined in the Province of Nova Scotia and carried by *water transportation* to any points situated West of the Island of Montreal, for use by consumers other than the railways, the assistance granted shall be the same amount as that provided for rail movements as authorized in the preceding section (4) hereof; provided the amount of the said assistance shall in no instance exceed one dollar and fifty cents (\$1.50) per net ton, the amount of the said assistance being payable to the coal mine operators or distributors of the said coal.
- (6) With respect to coal mined in the Province of Nova Scotia and carried by *water transportation* to any points situated West of the Island of Montreal under assistance provided by section (5) hereof, and thence transhipped by the railways to points in the Province of Ontario situated West of the City of Kingston, for use by consumers other than the railways, the assistance granted shall be by the reduction of one-third of one cent per ton per mile from the existing rail rates; provided that the amount of the said reduction shall in no instance exceed fifty cents (50c.) per net ton, the amount of the said reduction being payable to the railways.
- (7) With respect to coal mined in the Province of Nova Scotia and purchased by railway companies for their own use at points in the Province of Ontario, payments may be made to the coal mine operators or coal distributors of the difference in amount per net ton between the laid-down cost to the railways of coal mined in the Province of Nova Scotia and the laid-down cost at the same points of imported coal that would otherwise be used; provided that the amount of the said assistance shall in no instance exceed two dollars and fifty cents (\$2.50) per net ton, and that:
 - (a) For the purpose of this Order in Council the said difference of laid-down costs shall be determined by the Dominion Fuel Board.
- (8) The assistance shall apply only on shipments of coal from coal mines or coal properties operating under legal permit and shipping coal prior to December 31, 1930.
- (9) The assistance shall not apply on shipments of less than carload lots.

P.C. 3969 (December 5, 1939)—Conc.

- (10) The assistance shall not be granted to those otherwise eligible to participate who refuse or fail to furnish such information as the Minister of Mines and Resources may consider necessary in the administrative duties connected with this movement; and that for the purpose of certifying such information the Minister of Mines and Resources or such officers of the Dominion Fuel Board as he may designate shall have free access to all books, records or accounts kept by shippers or the railways in connection with this movement and may make such examination thereof as shall be considered necessary or expedient.
- (11) The Minister of Mines and Resources be given the right to refuse approval in each and every application for assistance under this authority.
- (12) The Dominion Fuel Board be charged with the duty of administering this Order in Council and be required to report to the Minister of Mines and Resources as to the amounts paid under this Order in Council each year during the said period.
- (13) With respect to acceptances still in effect, issued by the Dominion Fuel Board under authority of Orders in Council P.C. 2789 of November 8, 1938, and P.C. 1166 of May 22, 1939, shipments shall be continued under the authority of these acceptances until completed.

P.C. 9164—(November 26, 1941) (Revoked March 31, 1947)

Amending Section 7, of P.C. 3969

WHEREAS by Order in Council P.C. 3463 of the 9th day of October, 1940, Section (7) of Order in Council P.C. 3969 of the 5th day of December, 1939, was amended as therein set forth, authorizing assistance in respect of coal mined in the Province of Nova Scotia and purchased by railway companies for their own use at the localities named therein;

AND WHEREAS the Minister of Finance reports that he has received representations from the Wartime Prices and Trade Board to the effect that it is advisable and in the national interest to augment the supply of Nova Scotia coal required for consumption in Quebec by industries and railways and to supplement the all-rail movement of industrial coal for which assistance is provided in Section (2) of Order in Council P.C. 3969 of the 5th day of December, 1939;

Now, THEREFORE, His Excellency the Governor General in Council, on the recommendation of the Minister of Finance, and pursuant to powers conferred by the War Measures Act and otherwise, is pleased to order and doth hereby order as follows:—

1. Section (7) of Order in Council P.C. 3969 of the 5th day of December, 1939, as amended by Order in Council P.C. 3463 of the 9th day of October, 1940, is hereby rescinded and the following is substituted therefor:—
- (7) With respect to coal mined in the Province of Nova Scotia and shipped as in subsection (a) hereunder to points in the Province of Quebec for use by any industry or any railway company, payments may be made to the coal mine operators or coal distributors of the difference in amount per net ton between the laid down cost of coal mined in the Province of Nova Scotia and the laid down cost of imported coal that would otherwise be used; provided, however, that
 - (a) such payments shall only be made on coal moved from the coal mines in Nova Scotia by boat from ports in Nova Scotia to Portland or Searsport, in the State of Maine, United States of America, and thence transported by railway to points in the Province of Quebec, such assistance in no instance to exceed two dollars (\$2.00) per net ton; and
 - (b) the said differences between laid down costs shall be determined by the Coal Administrator and be approved by the Wartime Prices and Trade Board."

2. Assistance made available under the provisions of this Order in Council shall be payable on movements of coal on and after November 1, 1941.

P.C. 2356 (June 3, 1940) (Revoked November 19, 1947)

The Committee of the Privy Council have had before them a report, dated 7th May, 1940, from the Minister of Mines and Resources, referring to Order in Council P.C. 3969, dated December 5th, 1939, authorizing assistance to the movement of coal mined in the Province of Nova Scotia and shipped to consuming points in the Provinces of Quebec and Ontario.

The Minister states that he is advised that owing to the requirements of the British Shipping Board for war purposes, it has not been possible for coal mine operators in Nova Scotia to obtain sufficient shipping to transport the normal quantities of Nova Scotia coal to the Montreal Terminals during the current season of navigation;

That it is, consequently, necessary for the operators to supplement the limited water movements by an all-rail movement at considerably increased cost:

That though, for most localities, the terms of the said Order in Council P.C. 3969 of December 5th, 1939, provide assistance rates which closely represent the competition currently encountered by Nova Scotia coal in the Provinces of Ontario and Quebec, there is a limited number of points in the said provinces for which the terms of the said P.C. 3969 are not sufficiently flexible to cover the competitive conditions.

The Minister, therefore, recommends that, in order to rectify a temporary situation resulting from the exigencies of war and to provide a limited flexibility to the terms of the said Order in Council P.C. 3969 of December 5th, 1939, and notwithstanding the terms of the said Order in Council, the Dominion Fuel Board:—

- (1) Be authorized to determine the difference in amount per net ton between the laid-down cost of Nova Scotia coal at points of consumption in Quebec and Ontario within the areas specified in Order in Council P.C. 3969 of December 5, 1939, and the laid-down cost at the same points of United States coal.
- (2) Be empowered to apply special temporary increased rates of assistance up to the amount of the difference in cost, but not in excess of \$2.00 per net ton, when due to competitive disadvantages, the Nova Scotia coal is unable to secure the market with the assistance provided by the said Order in Council P.C. 3969 of December 5, 1939.
- (3) Be empowered to apply special temporary reduced rates of assistance equivalent to the amount of the difference in cost, when it is apparent that the rates of assistance provided under Order in Council P.C. 3969 of December 5, 1939, are in excess of those necessary to enable the Nova Scotia coal to secure the market.

Provided that:—

- (a) The rates of assistance previously set out and authorized under the terms of the said Order in Council P.C. 3969 of December 5, 1939, be reinstated immediately competitive conditions warrant.
- (b) Any special temporary rates of assistance authorized as above shall be in lieu of the rates of assistance which would otherwise apply in the terms of the said Order in Council P.C. 3969 of December 5, 1939.
- (c) Rates of assistance on all movements not covered by the special rates of assistance determined as before mentioned shall continue to be in accordance with the terms of the said Order in Council P.C. 3969 of December 5, 1939, which remains otherwise in full force.
- (d) The special temporary increased rates of assistance as authorized in Section (2) above shall be effective from April 1, 1940.
- (e) The special temporary reduced rates of assistance as authorized in Section (3) above shall become effective at future dates to be specified by the Dominion Fuel Board.

The Committee concur in the foregoing recommendation and submit the same for approval.

P.C. 10473 (*November 17, 1942*) (*Revoked November 19, 1947*)

The Committee of the Privy Council have had before them a report dated November 3, 1942, from the Minister of Finance, stating:—

That he has received representations from the Wartime Prices and Trade Board that it is necessary to utilize available shipping to the best advantage;

That it is desirable to relieve congestion on the Railways between Cape Breton Island and Truro, N.S.; and

That for these purposes it has been found advantageous to facilitate the movement of coal mined on Cape Breton Island by water to Pointe du Chene, N.B., for furtherance by rail.

The Committee, therefore, on the recommendation of the Minister of Finance, advise:—

1. That assistance be provided on the movement of coal mined on Cape Breton Island in the Province of Nova Scotia and transported by water to Pointe du Chene, N.B., and thence transported by rail;
2. That for coal mined in Cape Breton Island in the Province of Nova Scotia and transported via water to Pointe du Chene and thence transported by rail to points in the Province of Quebec west of and including Rivière du Loup for use by consumers other than the railways, the assistance granted shall be the amount of the difference in the laid-down cost of the Canadian coal moved via Pointe du Chene to the above-noted points and the lesser of the laid-down costs at the same points of imported coal or of Canadian coal delivered by other customary routings, up to a maximum of \$2.50 per net ton, and shall be payable to the railways;
3. That for coal purchased by the railways for their own use at points in the Province of Nova Scotia, New Brunswick, Prince Edward Island or Quebec, the assistance shall be the amount of difference between the laid-down cost of the said coal at Moncton, N.B., when moved via Points du Chene and the laid-down cost at the same point if transported all-rail from Sydney, Nova Scotia, and shall be payable to the coal mine operator or distributor;
4. That the assistance shall be chargeable to the amounts provided by Parliament from time to time in connection with the movements of coal under conditions prescribed by the Governor in Council;
5. That the assistance shall apply only on shipments of coal from coal mines or coal properties which were operating under legal permit and shipping coal prior to December 31, 1930;
6. That the assistance shall not be granted to those otherwise eligible to participate who refuse or fail to furnish such information as the Minister of Finance may consider necessary in the administrative duties connected with this movement; and that for the purpose of certifying such information, the Minister of Finance or such officers as he may designate shall have free access to all books, records or accounts kept by shippers or railways in connection with this movement and may make such examination thereof as shall be considered necessary or expedient;
7. That the Minister of Finance shall have the right to refuse approval in each and every application for assistance under this authority;
8. That the Coal Administrator shall be charged with the duty of administering this Order in Council and shall be required to report to the Minister of Finance as to the amounts paid on such movements from time to time as required;
9. That the differences in laid-down costs shall be determined by the Coal Administrator; and
10. That assistance under this authority shall be payable on movements of coal via Pointe du Chene on and after August 1, 1942.

NEW BRUNSWICK COAL TO QUEBEC AND ONTARIO

P.C. 1861—(*August 4, 1936*)

The Committee of the Privy Council have had before them a report, dated July 28, 1936, from the Minister of Mines, with reference to an Order in Council P.C. 951 of May 30, 1933, which authorizes assistance to the movement of coal mined in the Province of New Brunswick and shipped to consuming points in the Provinces of Quebec and Ontario.

The Committee submit that the importance of an extension of the market for Canadian coal is appreciated and that the Government is willing to facilitate this by granting financial assistance to the Canadian coal industry under conditions described hereunder.

The Committee, therefore, on the recommendation of the Minister of Mines, advise that the said Order in Council P.C. 951 of May 30, 1933, be hereby rescinded and that:—

- (1) Movements of coal mined in the Province of New Brunswick and shipped to points in the Provinces of Quebec and Ontario be assisted by payments out of such sums as may be provided by Parliament from year to year for that purpose.
- (2) With respect to coal mined in the Province of New Brunswick and transhipped wholly by rail to points in the Province of Quebec, excluding points on the Quebec and Lake St. John Railway, the Murray Bay line of the Canadian National Railways and points on the railways east of Lewis and the Quebec terminals (for use by consumers other than the railways), the assistance granted shall be by a thirty per cent (30%) reduction of the freight rate in effect at the time of shipment. The amount of the said reduction being payable to the railways.
- (3) With respect to coal mined in the Province of New Brunswick and transported wholly by rail to points in the Province of Ontario, for use by consumers other than the railways, the assistance granted shall be by a reduction of one-sixth of one cent per ton per mile from existing rail rates, provided that the amount of the said reduction shall in no instance exceed one dollar and fifty cents (\$1.50) per net ton.
- (4) With respect to coal mined in the Province of New Brunswick and purchased by the railway companies for their own use at points in the Provinces of Quebec and Ontario, payments shall be made to the coal mine operators or coal distributors of the difference in amount per net ton between the laid-down cost to the railways of coal mined in the Province of New Brunswick and the laid-down cost at the same points of imported coal that would otherwise be used, up to a maximum of two dollars (\$2.00) per net ton, provided that:
- (a) For the purpose of this Order in Council the said difference of laid-down costs shall be determined by the Dominion Fuel Board.
- (b) The assistance shall not apply on shipments of less than carload lots.
- (c) The assistance shall apply only on shipments of coal from coal mines or coal properties which were operating under legal permit and shipping coal prior to December 31, 1930.
- (d) The assistance shall not be granted to those participating who refuse or fail to furnish such information as the Minister of Mines may consider necessary in the administrative duties connected with this movement; and that for the purpose of certifying such information the Minister of Mines or such officers of the Dominion Fuel Board as he may designate shall have free access to all books, records or accounts kept by shippers or the railways in connection with this movement and may make such examination thereof as may be considered necessary or expedient.
- (e) The Minister of Mines be given the right to refuse approval in each and every application for assistance under this authority.
- (f) The Dominion Fuel Board be charged with the duty of administering this Order in Council and be required to report to the Minister of Mines as to the amounts paid under this Order in Council each year during the said period.
- (10) With respect to acceptances issued by the Dominion Fuel Board under authority of Order in Council P.C. 951 of May 30, 1933, which are still in effect, shipments shall be continued under the authority of these acceptances for a period of sixty days from the date of this Order in Council.

P.C. 1683—(March 2, 1943) (Revoked March 31, 1947)

WHEREAS under the provisions of Order in Council P.C. 9164 of the 26th day of November, 1941, assistance is provided for the movement of coal from ports in Nova Scotia by boat to Portland and Searsport in the State of Maine, United States of America, and thence by railway to points in the Province of Quebec for use by industry and the railways;

AND WHEREAS the Coal Administrator of the Wartime Prices and Trade Board reports that in order to supplement the movement of Nova Scotia coal to the Province of Quebec and to utilize available shipping to the best advantage, it is desirable to provide similar assistance on the movement of coal from ports in Nova Scotia by boat to Saint John in the Province of New Brunswick and thence by railway to points in the Province of Quebec for use by industry and the railways;

THEREFORE, His Excellency the Governor General in Council, on the recommendation of the Minister of Finance and pursuant to powers conferred by the War Measures Act and otherwise, is pleased to order and doth hereby order as follows,—

1. (a) With respect to coal mined in the Province of Nova Scotia and shipped as in section (b) hereunder to points in the Province of Quebec for use by any industry or any railway company, payments may be made to the coal mine operators or coal distributors of the difference in amount per net ton between the laid-down cost of coal mined in the Province of Nova Scotia and the laid-down cost of imported coal that would otherwise be used; provided, however, that—
 - (b) Such payments shall only be made on coal moved from the coal mines in Nova Scotia by boat from ports in Nova Scotia to Saint John in the Province of New Brunswick and thence transported by railway to points in the Province of Quebec, such assistance in no instance to exceed two dollars (\$2.00) per net ton; and
 - (c) The said difference between laid-down costs shall be determined by the Coal Administrator and shall be approved by the Wartime Prices and Trade Board.
2. Assistance made available under the provisions hereof shall be payable on movements on and after February 15, 1943, and until rescinded.

SASKATCHEWAN COAL TO MANITOBA AND WESTERN ONTARIO

P.C. 3972—(December 5, 1939) (Rescinded August 25, 1948)

The Committee of the Privy Council had before them a report, dated 27th November, 1939, from the Acting Minister of Mines and Resources, with reference to an Order in Council, P.C. 895 of the 9th day of April, 1936, which authorizes assistance to coal mined in the Province of Saskatchewan and shipped to points in the Province of Manitoba.

The Government, realizing the necessity for the strictest economy in all matters of expenditure, proposes to curtail the present rates of assistance authorized in the above mentioned Order in Council P.C. 895 which provides assistance to coal mined in the Province of Saskatchewan.

The Committee, therefore, on the recommendation of the Acting Minister of Mines and Resources, advise that the said Order in Council P.C. 895 of April 9, 1936, be hereby rescinded and that:—

- (1) Coal mined in the Province of Saskatchewan and shipped to points in the Provinces of Manitoba and Ontario be assisted by payments out of such sums as may be provided by Parliament from year to year for that purpose.
- (2) With respect to coal mined in the Province of Saskatchewan and shipped to points in the Province of Ontario for use by consumers other than the railways, the assistance granted shall be by a thirty per cent (30%) reduction of the freight rate in effect at the time of shipment; provided that the amount of the said reduction shall in no instance exceed one dollar (\$1.00) per net ton, the amount of the said reduction being payable to the railways.
- (3) With respect to coal mined in the Province of Saskatchewan and purchased by railway companies for their own use at points in the Provinces of Manitoba and Ontario, east of and including Carrick, Decimal and Eagle River, the assistance granted shall be by a thirty per cent (30%) reduction of the freight rate in effect at the time of shipment, provided that the amount of the said reduction shall in no instance exceed one dollar (\$1.00) per net ton, the amount of the said reduction being payable to the railways.
- (4) The assistance shall apply only on shipments of coal from coal mines or coal properties operating under legal permit and shipping coal prior to December 31, 1930.
- (5) The assistance shall not apply on shipments of less than carload lots.
- (6) The assistance shall not be granted to those otherwise eligible to participate who refuse or fail to furnish such information as the Minister of Mines and Resources may consider necessary in the administrative duties connected with this movement; and that for the purpose of certifying such information the Minister of Mines and Resources or such officers of the Dominion Fuel Board as he may designate shall have free access to all books, records or accounts kept by shippers or the railways in connection with this movement and may make such examination thereof as shall be considered necessary or expedient.
- (7) The Minister of Mines and Resources be given the right to refuse approval in each and every application for assistance under this authority.
- (8) The Dominion Fuel Board be charged with the duty of administering this Order in Council and be required to report to the Minister of Mines and Resources as to the amounts paid under this Order in Council each year during the said period.
- (9) With respect to acceptances still in effect, issued by the Dominion Fuel Board under authority of Order in Council P.C. 895 of April 9, 1936, shipments shall be continued under authority of these acceptances until completed.

ALBERTA AND BRITISH COLUMBIA CROW'S NEST PASS COAL TO ONTARIO

P.C. 7588—(October 1, 1941) (Revoked March 31, 1947)

WHEREAS by Order in Council P.C. 740 of the 24th day of April, 1933, Order in Council P.C. 3286 of the 4th day of January, 1939, and Order in Council P.C. 3970 of the 5th day of December, 1939, assistance to the movement of coal mined in the Province of Alberta and in the Crow's Nest Pass District of British Columbia and shipped to certain points in the Provinces of Manitoba and Ontario was authorized;

AND WHEREAS by Order in Council P.C. 19/6016 of the 6th day of August, 1941, the powers, duties and functions formerly exercisable by the Dominion Fuel Board under the authority of said Orders in Council were transferred to the Coal Administrator under the direction of the Wartime Prices and Trade Board;

AND WHEREAS the Coal Administrator, Wartime Prices and Trade Board, advises that, in order to adjust the authorized assistance more closely to present conditions and to facilitate administration, it is desirable to rescind the said Orders in Council P.C. 740, P.C. 3286 and P.C. 3970 and to make, in substitution therefor, a consolidated Order in Council:

Now, THEREFORE, His Excellency the Governor General in Council, on the recommendation of the Minister of Finance, and pursuant to powers conferred by the War Measures Act and otherwise, is pleased to order and doth hereby order as follows:

1. The said Orders in Council P.C. 740 of the 24th day of April, 1933, P.C. 3286 of the 4th day of January, 1939 and P.C. 3970, of the 5th day of December, 1939, are hereby revoked.
2. Movements of coal mined in the Province of Alberta and in the Crow's Nest Pass District of British Columbia and shipped to points in the Province of Ontario shall be assisted by payments out of such sums as may be provided by Parliament from year to year for that purpose.

P.C. 7588—(October 1, 1941)—Conc.

3. In respect of coal mined in the Province of Alberta and in the Crow's Nest Pass District of British Columbia and shipped by rail, for use by consumers other than railways, to points in the Province of Ontario to which the tariff freight rate in effect at the time of shipment is less than eight dollars (\$8.00) per net ton, the assistance granted shall be a sum equivalent to a reduction of twenty-five per cent (25%) of the tariff freight rate in effect at the time of shipment; the amount of the said reduction to be payable to the railway which shipped such coal.
4. In respect of coal mined in the Province of Alberta and the Crow's Nest Pass District of British Columbia and shipped by rail, for use by consumers other than railways, to points in the Province of Ontario to which the tariff freight rate in effect at the time of shipment is eight dollars per net ton (\$8.00) or in excess thereof, the assistance granted shall be a sum equivalent to a reduction of two dollars and fifty cents (\$2.50) per net ton in the said freight rate; the amount of the said reduction to be payable to the railway which shipped the coal.
5. With respect to coal mined in the Province of Alberta and the Crow's Nest Pass District of British Columbia and purchased by a railway for its own use at points in the Province of Ontario, the assistance granted shall be a sum equivalent to a reduction of twenty-five per cent (25%) of the published tariff freight rate in effect at the time of shipment; provided that the amount of the said reduction shall in no instance exceed two dollars (\$2.00) per net ton; the amount of the said reduction to be payable to the railway.
6. The assistance shall apply only to shipments of coal from coal mines or coal properties operating under requisite permit and shipping coal prior to December 31, 1930.
7. The assistance shall not apply to shipments of less than carload lots.
8. The assistance shall not be granted to any person who refuses or fails to furnish such information as the Wartime Prices and Trade Board may require for the purposes of the administrative duties connected with the movement of coal, and, for the purpose of verifying or certifying such information, any person designated by such Board or by the Coal Administrator may examine and make extracts from all books, records or accounts of any shipper or railway.
9. No assistance shall be paid except as authorized by the Wartime Prices and Trade Board and such Board may decline to authorize any particular payment.
10. In respect of acceptances in effect at the date hereof, issued under authority of any Order in Council hereby revoked, for assistance to movement of coal to consumers other than railways, shipments covered by such acceptances shall be completed.
11. In respect of movements of coal or briquettes under said Order in Council P.C. 3970 of December 5, 1939, for the use of the railways, billings at the rates of assistance authorized in said Order in Council shall be concluded with those for the month of August, 1941.
12. Movements of briquettes made from coal mined in the Province of Alberta or in the Crow's Nest Pass District of British Columbia from coal eligible for assistance under the provisions of this Order in Council shall receive assistance at the same rates as are provided herein for coal.
13. All applications for assistance shall be made in such manner and form as may be prescribed from time to time by the Coal Administrator.

P.C. 9794—(December 16, 1941) (Revoked March 31, 1947)

Amending Section 3, of P.C. 7588

WHEREAS by Order-in-Council P.C. 7588 of the 1st day of October, 1941, certain reductions in the rates of assistance to the movement of coal mined in the Province of Alberta and in the Crow's Nest Pass District of British Columbia and shipped to certain points in the Province of Ontario were authorized;

AND WHEREAS the Minister of Finance reports that due to unavoidable delays in making known to dealers in the territory affected by Section 3 of the said Order in Council the said dealers had not adjusted their prices in conformity with the reductions in the assistance provided, prior to the expiration on October 11, 1941 of the basic period set under the Maximum Prices Regulations in accordance with Order-in-Council P.C. 8527 of 1st November, 1941.

NOW THEREFORE His Excellency the Governor General in Council, on the recommendation of the Minister of Finance, and pursuant to powers conferred by the War Measures Act and otherwise, is pleased to amend the aforesaid Order in Council P.C. 7588 of the first day of October, 1941, and it is hereby amended by rescinding Section 3 thereof and substituting the following therefor,—

- (3) In respect of coal mined in the Province of Alberta and in the Crow's Nest Pass District of British Columbia and shipped by rail for use by consumers other than the railways, to points in the Province of Ontario, to which the tariff freight rate in effect at the time of shipment is less than eight dollars (\$8.00) per net ton, the assistance granted shall be as follows:—
 - (a) When shipped direct to consumers, and not for re-sale, the assistance granted shall be a sum equivalent to a reduction of twenty-five per cent (25%) of the tariff freight rate in effect at the time of shipment; the amount of the said reduction to be payable to the railway which shipped such coal.
 - (b) When shipped to dealers for re-sale to consumers normally obtaining their supplies through registered distributors the assistance granted shall be a sum equivalent to a reduction of thirty per cent (30%) of the tariff freight rate in effect at the time of shipment; provided that the amount of the said reduction shall in no instance exceed the sum of two dollars (\$2.00) per net ton; the amount of the said reduction to be payable to the railway which shipped such coal.

His Excellency in Council, on the same recommendation is further pleased to order and doth hereby order that assistance made available under the provisions hereof shall be payable on movements of coal on and after December 1, 1941.

P.C. 4740 (June 5, 1942) (Revoked March 31, 1947)

Amending Section 3(a) of P.C. 9794

WHEREAS Order in Council P.C. 9794 of the 16th day of December, 1941, authorizes assistance to the movement of coal mined in the Province of Alberta and the Crow's Nest Pass District of the Province of British Columbia and shipped to consuming points in the Province of Ontario:

AND WHEREAS the Minister of Finance reports that the provisions of Section 3 (a) of the said Order in Council P.C. 9794 of the 16th day of December, 1941, do not provide sufficient flexibility and results in rates of subvention which are in some instances markedly in excess of the difference in laid-down costs of the Canadian and imported coals.

NOW THEREFORE, His Excellency the Governor General in Council, on the recommendation of the Minister of Finance, is pleased to amend the aforesaid Order in Council P.C. 9794 of December 16th, 1941, and it is hereby amended by revoking Section 3 (a) thereof and substituting the following therefor,—

- 3 (a) When shipped direct to consumers, and not for resale, the assistance granted shall be the difference in amount per net ton between the laid-down cost of Alberta or Crow's Nest Pass District of British Columbia coal at points of consumption and the laid-down cost at the same points of United States coal that would otherwise be used, up to a maximum of twenty-five per cent (25%) of the tariff freight rate in effect at the time of shipment; the amount of the said reduction to be payable to the railway which shipped such coal.

His Excellency in Council, on the same recommendation, is further pleased to order and doth hereby order that the assistance made available under the provisions hereof shall be payable on movement of coal covered by acceptances issued on and after the tenth day following the date of approval hereof, except that with respect to acceptances still in effect under authority of Section 3 (a) of said Order in Council P.C. 9794, of 16th December, 1941, shipments shall be continued under authority of such acceptances until completed.

ALBERTA COAL TO BRITISH COLUMBIA

P.C. 10592 (November 27, 1942)—(Suspended November 15, 1946) (Revoked November 19, 1947)

The Committee of the Privy Council have had before them a report, dated 27th November, 1942, from the Minister of Finance, stating that a temporary emergency exists in respect of the domestic coal supply of Western Canada;

That the Coal Administrator, in the exercise of his powers to allocate and divert coal to certain points and districts, must have regard to ceiling prices on coal, which make it commercially impossible for the movements mentioned in Paragraph (1) below to take place without the assistance provided in Paragraph (2) below.

The Committee, therefore, on the recommendation of the Minister of Finance, advise:—

1. That assistance be granted to movements of coal from coal mines or coal properties in the Carbon, Sheerness, Drumheller, and Lethbridge areas of the Province of Alberta, as indicated in the list of Coal Mines of Canada, No. 4-1 issued by the Department of Mines and Resources, January, 1942, and shipped to points in the Province of British Columbia south of the 50th parallel of latitude to which the tariff freight rate in effect at the time of shipment is five dollars (\$5.00) per net ton, or in excess thereof;
2. That with respect to such movements of coal referred to in the above section 1 the assistance granted shall be a sum equivalent to a reduction of sixty-five cents (65c) per net ton from the said freight rates, the amount of the reduction being payable to the railway which shipped such coal;
3. That the amounts of assistance approved for payment shall be chargeable to the amounts provided by Parliament for the movement of coal under assisted rates;
4. That the assistance shall apply only on shipments of coal from coal mines or coal properties operating under requisite permit and shipping coal prior to December 31, 1930;
5. That the assistance shall not apply on shipments of less than carload lots;
6. That the assistance shall not be granted to those otherwise eligible to participate who refuse or fail to furnish such information as the Minister of Finance may consider necessary in the administrative duties connected with this authority; and that for the purpose of certifying such information the Minister of Finance or such officers as he may designate shall have free access to all books, records or accounts kept by shippers or the railways in connection with this movement and may make such examination thereof as shall be considered necessary or expedient.
7. (a) That the Coal Administrator shall be charged with the duty of administering the provisions hereof;
- (b) That in administering the provisions hereof, the Coal Administrator shall before granting assistance hereunder first be satisfied that such assistance is necessary to meet an emergent situation, and that the movement mentioned in Paragraph (1) above can take place without detriment to the reasonable and necessary requirements of the Prairie Provinces;
- (c) That the Coal Administrator shall be required to report to the Minister of Finance as to the amounts paid under this Order in Council from time to time as required.
8. That the Minister of Finance shall have the right to refuse approval in each and every application for assistance under this authority.
9. That assistance made available under the provisions hereof shall be payable on movements on and after November 27, 1942, and until rescinded.

P.C. 4226—(May 24, 1943)—(Suspended November 15, 1946) (Revoked November 19, 1947)

The committee of the Privy Council have had before them a report dated May 21, 1943, from the Minister of Munitions and Supply, representing that the Coal Controller reports that Minute of Council P.C. 10592 of November 27, 1942, should be amended to authorize the granting of the assistance provided for by the said Minute of Council with respect to movements of coal from coal mines or coal properties in the Taber area of the Province of Alberta.

The Committee, therefore, on the recommendation of the Minister of Munitions and Supply, advise that, effective May 10th, 1943, Section 1 of Minute of Council P.C. 10592 of November 27, 1942, be hereby amended by deleting therefrom the words "Carbon, Sheerness, Drumheller and Lethbridge areas" and substituting therefor the words "Carbon, Sheerness, Drumheller, Lethbridge and Taber areas".

P.C. 6570—(August 22, 1944)—(Suspended November 15, 1946) (Revoked November 19, 1947)

The Committee of the Privy Council have had before them a report dated 16 August, 1944, from the Minister of Munitions and Supply, representing that the Coal Controller reports that Order in Council P.C. 10592 of November 27, 1942, as amended, should be further amended to include the Brooks area of the Province of Alberta among the areas of the said Province from which movements of coal to points in British Columbia are entitled to the assistance authorized by the said Order in Council.

The Committee, therefore, on the recommendation of the Minister of Munitions and Supply, advise that Section 1 of Order in Council P.C. 10592 of November 27, 1942, be further amended by deleting therefrom the words "Lethbridge and Taber" and by substituting therefor the words, "Lethbridge, Taber and Brooks".

BRITISH COLUMBIA COAL FOR BUNKER AND EXPORT

P.C. 3971—(December 5, 1939)

The Committee of the Privy Council have had before them a report, dated 27th November, 1939, from the Acting Minister of Mines and Resources, with reference to an Order in Council, P.C. 1122 of the 28th day of May, 1934, which authorizes assistance to coal mined in the Province of British Columbia and sold as fuel for ships' stores or for export to foreign countries.

The Government, realizing the necessity for the strictest economy in all matters of expenditure, proposes to reduce the present rates of assistance authorized in the above mentioned Order in Council P.C. 1122, which provides assistance to coal mined in the Province of British Columbia.

The Committee, therefore, on the recommendation of the Acting Minister of Mines and Resources, advise that the said Order in Council P.C. 1122 of May 28, 1934, be hereby rescinded and that:—

- (1) Coal mined in the Province of British Columbia and sold for ships' stores or for export to foreign countries be assisted by payments out of such sums as may be provided by Parliament from year to year for that purpose.

P.C. 3971—(December 5, 1939)—Conc.

- (2) With respect to coal mined in the Province of British Columbia and sold for fuel as ships' stores, the assistance granted shall be the sum of seventy-five cents (75c.) per net ton, the amount of the said assistance being payable to the coal mine operators or coal distributors, provided:
- (a) The assistance provided on coal sold for ships' stores shall apply only on coal sold for use by vessels navigating entirely in salt water and not for use by vessels operating on inland lakes of British Columbia.
- (3) With respect to coal mined in the Province of British Columbia and sold for export to foreign countries, as hereinafter excepted, the assistance granted shall be the sum of one dollar (\$1.00) per net ton, the amount of the said assistance being payable to the coal mine operator or coal distributor, provided:
- (a) The assistance provided on coal sold for export shall apply to coal exported for consumption in foreign countries other than the United States of America or its territorial possessions.
- (4) The assistance shall apply only on shipments of coal from coal mines or coal properties which were operating under legal permit and shipping coal prior to December 31, 1930.
- (5) That the assistance shall not be granted to those applying who refuse or fail to furnish such information as the Minister of Mines and Resources may consider necessary in the administrative duties connected with this assistance; and that for the purpose of certifying such information the Minister of Mines and Resources or such officers of the Dominion Fuel Board as he may designate shall have free access to all books, records or accounts kept by coal producers or distributors in connection with this assistance and make such examination thereof as may be considered necessary or expedient.
- (6) The Minister of Mines and Resources be given the right to refuse approval in each and every application for assistance under this authority.
- (7) The Dominion Fuel Board be charged with the duty of administering this Order in Council and shall report to the Minister of Mines and Resources as to the amounts paid under the provisions thereof each year.
- (8) The authority herein provided shall become effective the first day of January, 1940.

P.C. 3589 (September 12, 1947) (Expired December 31, 1947)

The Committee of the Privy Council have had before them a report, dated 2nd September, 1947, from the Minister of Reconstruction and Supply, submitting that at the present time certain coal mines in Nova Scotia are experiencing extreme difficulty in securing sufficient railway facilities to transport the output of the mines to their logical market in the Province of Quebec; at the same time, the cost of water transportation from Nova Scotia ports to points in the Province of Quebec is such that Nova Scotia coal cannot successfully compete with United States imported coal currently being used in large quantities.

In order to maintain the market for Nova Scotia coal in the Province of Quebec and permit Nova Scotia coal to compete on even terms with imported bituminous coal in this market and further it being a matter of great importance that foreign exchange be conserved by the increased use of coal mined in Nova Scotia, the Minister recommends that assistance be provided on the movement of coal mined in the Province of Nova Scotia and transported by water to any port in the Province of Quebec during the period, August 15, 1947 to December 31, 1947 (both days inclusive), of the difference in the amount per net ton between the laid down cost of coal mined in the Province of Nova Scotia and the laid down cost at the same points of imported coal that would otherwise be used; provided the amount of the said assistance shall in no instance exceed \$1.00 (one dollar) per net ton.

The Minister further recommends,—

- (a) That for the purpose of this Order in Council the said difference in laid down costs shall be determined by the Dominion Fuel Board;
- (b) That assistance shall not apply to coal supplied for ships' bunkers or stores;
- (c) That assistance shall not apply on cargoes carried by vessels having a dead weight capacity of less than three thousand tons;
- (d) That the assistance shall not be granted to those otherwise eligible to participate who refuse or fail to furnish such information as the Minister of Reconstruction and Supply may consider necessary in the administrative duties connected with this movement; and that for the purpose of certifying such information, the Minister of Reconstruction and Supply or such officers of the Dominion Fuel Board as he may designate shall have free access to all books, records or accounts kept by shippers in connection with this movement and may make such examination thereof as shall be considered necessary or expedient.
- (e) That the Minister of Reconstruction and Supply be given the right to refuse approval in each and every application for assistance under this authority; and
- (f) That the Dominion Fuel Board be charged with the duty of administering this Order in Council and be required to report to the Minister of Reconstruction and Supply as to the amounts paid under this Order in Council during the said period.

P.C. 3538 (August 25, 1948)

The Committee of the Privy Council have had before them a report from the Minister of Reconstruction and Supply representing that it is considered by the Dominion Coal Board (hereinafter called "Board") that the financial assistance in respect of the movement of coal mined in the Province of Alberta and in the Crowsnest Pass area of the Province of British Columbia and shipped to points in the Province of Ontario should be extended to include the movement of the aforesaid coal to the Province of Manitoba for use by the railways, and changed to meet the present competitive cost of imported coals.

The Committee, therefore, on the recommendation of the Minister of Reconstruction and Supply, advise:

1. That the Board be authorized to extend financial assistance in respect to coal mined in the Province of Alberta and the Crowsnest Pass District of British Columbia, and briquettes made from the said coal, and shipped by rail:
- (a) To points in the Province of Ontario to which the freight rate at the time of such shipment is less than Eight Dollars and Twenty-Five Cents (\$8.25) per net ton, for use by all consumers other than by the railways in locomotives, by the payment to the railways in respect to each shipment of an amount equal to twenty percent (20%) of the freight rate applicable to the respective shipment, the said assistance to be effective on and after September 1, 1948;
 - (b) To points in the Province of Ontario to which the freight rate at the time of such shipment is Eight Dollars and Twenty-Five Cents (\$8.25) per net ton or in excess thereof, for use by all consumers other than by the railways in locomotives, by the payment to the railways in respect to each such shipment of the sum of Two Dollars and Fifty Cents (\$2.50), the said assistance to be effective on and after September 1, 1948;
 - (c) To points in the Provinces of Ontario and Manitoba, for use by the railways in locomotives, by the payment to the railways in respect to each such shipment of an amount equal to the difference, as determined by the Board, between the laid down cost to the railways at any point in the said two Provinces of the aforesaid coal and the laid down cost to the railways at the same point of imported coal or the sum of Two Dollars and Fifty Cents (\$2.50) per net ton which ever is the less, the said assistance to be effective as from and including July 1, 1948;

2. That all payments made to the railways pursuant to paragraphs (a) and (b) of section 1 hereof shall be received and applied by the railways in part payment of the freight charges for the shipments in respect of which such payments were made;
3. That the Minister of Reconstruction and Supply may refuse approval to any application for assistance under this authority;
4. That in no case shall assistance be extended hereunder in respect to shipments of less than carload lots;
5. That all applicants for assistance shall keep accurate and detailed accounts and records as to any movement of coal mined in the Province of Alberta and the Crowsnest Pass area of British Columbia in respect of which an application for assistance is, or is intended to be, made and shall furnish to the Board all such information relating to such movement and to such application as the Board may consider requisite and shall permit any person authorized by the Board to examine, audit and take copies of or extracts from the said accounts and records;
6. That payments hereunder be made out of such monies as may be provided by Parliament from year to year for such purpose and that the administration hereof be vested in the Board which shall annually report to the Minister of Reconstruction and Supply as to the amounts paid hereunder during the year immediately preceding the making of such report.

P.C. 3539 (August 25, 1948)

The Committee of the Privy Council have had before them a report, dated 4th August, 1948, from the Minister of Reconstruction and Supply, representing:

That Order in Council P.C. 3972 of December 5, 1939, authorizes the extension of financial assistance in respect of the movement of coal mined in the Province of Saskatchewan (hereinafter called "Saskatchewan coal") and shipped to points in the Provinces of Manitoba and Ontario;

That it is now considered by the Dominion Coal Board (hereinafter called "Board") that the assistance so provided should be changed to meet the present competitive cost of imported coal;

The Committee, therefore, on the recommendation of the Minister of Reconstruction and Supply, advise:

1. That the said Order in Council P.C. 3972 of December 5, 1939, be rescinded but any acceptances issued under the authority therof by the Dominion Coal Board on shipments up to August 31, 1948, shall remain in effect in accordance with their terms;
2. That the Board be authorized to extend financial assistance in respect to Saskatchewan coal, and briquettes made from said coal, and shipped by rail to points in the Province of Ontario for use by all consumers, by the payment to the railways to each such shipment of an amount equal to twenty percent (20%) of the said freight rate or the sum of one dollar (\$1.00) per net ton whichever is less;
3. That such payments as are made to the railways pursuant to Section 2 hereunder in respect of Saskatchewan coal shipped to consumers other than the railways shall be received and applied by the railways in part payment of the freight charges for the shipments in respect of which such payments were made;
4. That the Minister of Reconstruction and Supply may refuse approval to each and every application for assistance under this authority;
5. That in no case shall assistance be extended hereunder in respect to shipments of less than carload lots;
6. That all applicants for assistance shall keep accurate and detailed accounts and records as to any movement of Saskatchewan coal in respect of which an application for assistance is, or is intended to be made and shall furnish to the Board all such information relating to such movement and to such application as the Board may consider requisite and shall permit any person authorized by the Board to examine, audit and take copies of or extracts from the said accounts and records;
7. That payments hereunder be made out of such monies as may be provided by Parliament from year to year for such purpose and that the administration hereof be vested in the Board which shall annually report to the Minister of Reconstruction and Supply as to the amounts paid hereunder during the year immediately preceding the making of such report.

NOVA SCOTIA COAL TO QUEBEC AND ONTARIO

P.C. 650 (26 February 1948)

The Committee of the Privy Council have had before them a report, dated 17th February, 1948, from the Minister of Reconstruction and Supply, representing:

That Order in Council P.C. 3009 of the 5th December, 1939, authorizes the extending of financial assistance in respect of the movement of coal mined in the Province of Nova Scotia (hereinafter referred to as "Nova Scotia coal") and shipped to points in the Provinces of Ontario and Quebec;

That after investigation by the Dominion Coal Board (hereinafter called the "Board") it now appears that the assistance so provided is inadequate to permit the sale of Nova Scotia coal in the Provinces of Ontario and Quebec at prices competitive with imported coals.

The Committee, therefore, on the recommendation of the Minister of Reconstruction and Supply, advise:

1. That Order in Council, P.C. 3969 of December 5th, 1939, as amended, be rescinded.
2. That the Board be authorized to extend financial assistance in respect of the movement of Nova Scotia coal to points in the Provinces of Ontario and Quebec for use by consumers other than the railways by the payment of a sum of money in respect of each shipment in an amount to be determined and calculated as follows:
 - (a) Where Nova Scotia coal is transported wholly by rail to points in the Province of Quebec (excluding the City of Hull, points on the Quebec and Lake St. John Railway and points on the railways east of Lévis and the Quebec Terminal) the assistance may be by payment to the railway of an amount equal to thirty percent (30%) of the freight rate in effect as the time of shipment.
 - (b) Where Nova Scotia coal is transported wholly by rail to points in the Province of Ontario and to the City of Hull in the Province of Quebec the assistance may be by payment to the railway of an amount equal to one seventh of one cent per ton mile or the sum of One Dollar and Fifty Cents (\$1.50) per net ton whichever is less.
 - (c) Where Nova Scotia coal is transported by water to ports in the Province of Quebec situated on the St. Lawrence River, east of and including the port of Montreal the assistance may be by payment to the coal mine operator or coal distributor, as the case may be, of an amount equal to the difference, as determined by the Board, between the laid down cost at any of the said ports of Nova Scotia coal and the laid down cost at the same port of imported coal or the sum of One Dollar and Fifty Cents (\$1.50) per net ton whichever is less.
 - (d) Where Nova Scotia coal is transported by water to St. Lawrence ports and thence transhipped by rail to points in the Province of Ontario, and to the City of Hull, Timiskaming and Gatineau in the Province of Quebec the assistance may be by payment to the railway of an amount equal to one third of one cent per ton mile or the sum of One Dollar and Fifty Cents (\$1.50) per net ton whichever is less.

- (e) Where Nova Scotia coal is transported by water to points situated west of the Island of Montreal, the assistance may be by payment to the coal mine operator or coal distributor, as the case may be, of such amount as might have been paid under sub-section (d) hereof if the coal had been moved to the same points by rail or the sum of One Dollar and Fifty Cents (\$1.50) whichever sum is less, provided always that payment under this sub-section may be made in addition to any payment made under sub-section (c) hereof.
- (f) Where Nova Scotia coal, in respect of which assistance has been or might have been granted under sub-section (e) is transhipped by rail to points in the Province of Ontario situated west of the City of Kingston the assistance granted may be by the payment to the railway of an amount equal to one third of one cent per ton mile or the sum of Fifty Cents (50c) per net ton whichever is less.
- 3. All payments made to the railways pursuant to sub-sections (a), (b), (d) and (f) of Section 2 hereof shall be received and applied by the railway in part payment of the freight charges for the movements in respect of which such payments were made.
- 4. That the Board be authorized to extend financial assistance in respect of the movement of Nova Scotia coal for use by the railways by the payment to the railways in respect of each shipment of an amount equal to the difference as determined by the Board, between the laid down cost to the railways at designated points of Nova Scotia coal and the laid down cost to the railways at the same point of such imported coal as, in the opinion of the Board, might otherwise have been used or the sum of Two dollars and Fifty Cents (\$2.50) per net ton whichever is less.
- 5. That in no case shall assistance be extended hereunder in respect of the movement of Nova Scotia coal in less than carload lots.
- 6. That all applicants for assistance shall keep accurate and detailed accounts and records as to any movement of Nova Scotia coal in respect of which an application for assistance is, or is intended to be, made and shall furnish to the Board all such information relating to such movement and to such application as the Board may consider requisite and shall permit any person authorized by the Board to examine, audit and take copies of or extracts from the said accounts and records.
- 7. That payments hereunder be made out of such monies as may be provided by Parliament from year to year for such purpose and that the administration hereof be vested in the Board which shall annually report to the Minister of Reconstruction and Supply as to the amount paid hereunder during the year immediately preceding the making of such report.

NOVA SCOTIA COAL TO QUEBEC AND ONTARIO

P.C. 2367 (26 June 1948)

The Committee of the Privy Council have had before them a report dated 21st June, 1948 from the Minister of Reconstruction and Supply, submitting:

That Order in Council P.C. 650 of February 26, 1948, provides for the payment of financial assistance on the movement of coal mined in the Province of Nova Scotia and shipped to points in the Provinces of Ontario and Quebec;

That it is now considered by the Dominion Coal Board that the terms of the said Order may not be sufficiently wide to provide adequate financial assistance in many cases to meet the competitive cost of imported coals due to changes in marketing conditions.

The Committee, therefore, on the recommendation of the Minister of Reconstruction and Supply, advise that, effective May 1st, 1948, Order in Council P.C. 650 of February 26, 1948, be amended by adding to Section 2 thereof, the following subsection:

- (g) Where Nova Scotia coal in respect of which assistance has been or might have been granted under sub-section (e) is transhipped to points in the Province of Quebec situated outside the market areas of the ports of Montreal, Quebec and Three Rivers, the assistance granted on any such transhipment may be by payment to the coal mine operator or coal distributor, as the case may be, of an amount equal to the difference as determined by the Board, between the laid down cost at any of the said points of Nova Scotia coal and the laid down cost at the same point of imported coal or the sum of One dollar (\$1.00) per net ton whichever is less.

NOVA SCOTIA COAL TO QUEBEC AND ONTARIO

P.C. 5896 (23 December 1948)

The Committee of the Privy Council have had before them a report dated 30th, November 1948, from the Minister of Trade and Commerce, representing:

That Order in Council P.C. 650 of February 26, 1948, as amended, provides for the payment of financial assistance on movement of coal mined in the Province of Nova Scotia and shipped to points in the Provinces of Ontario and Quebec;

That it has been ascertained by the Dominion Coal Board that the terms of the said Order, as amended, have not been sufficiently wide to provide adequate financial assistance to meet the competitive cost of imported coals with respect to transhipments of Nova Scotia coal from the ports of Montreal, Quebec and Three Rivers to various points in the Province of Quebec outside the market areas of the said ports and to certain points within the said areas.

The Committee, therefore, on the recommendation of the Minister of Trade and Commerce, advise that the said Order in Council P.C. 650, as amended, be further amended effective the first day of May, 1948, by deleting therefrom subsection (g) of Section 2 thereof and substituting therefor the following subsection (g):

- (g) Where Nova Scotia coal in respect of which assistance has been or might have been granted under subsection (e) is transhipped to points in the Province of Quebec situated outside the market areas of the ports of Montreal, Quebec and Three Rivers, or is transhipped to such specific points within the said areas as may be designated by the Board, the assistance granted on any such transhipment may be by payment to the coal mine operator or coal distributor, as the case may be, of an amount equal to the difference as determined by the Board, between the laid down cost at any of the said points of Nova Scotia coal and the laid down cost at the same point of imported coal or the sum of one dollar and seventy-five cents (\$1.75) per net ton whichever is less.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010747214