

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

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# COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEAR

1946

Published by Authority of the Right Hon. C. D. Howe, M.P.,  
Minister of Trade and Commerce



OTTAWA  
EDMOND CLOUTIER, C.M.G., B.A., L.Ph.,  
KING'S PRINTER AND CONTROLLER OF STATIONERY  
1946

## PREFACE

The Dominion Bureau of Statistics issues statistical information on coal and coke through two channels, (1) a monthly bulletin issued about the twentieth of each month, showing tonnage output from Canadian coal mines as well as imports and exports by provinces, and (2) the present annual printed report which assembles detailed information on coal in permanent form. In the monthly report early publication is a primary consideration, the production figures assembled by postcard and by telegram being subject to revision when final figures are obtained.

During the war years the entire Canadian coal and coke industry was subjected to Government licensing under the Wartime Prices and Trade Board. No company or individual was permitted to operate without a licence, the order applying to manufacturers, importers, exporters, producers, jobbers, wholesalers and retailers of coal and coke. The licence system was adopted "to keep the Government adequately informed of the situation relating to the production, importation and distribution of coal, to assure an adequate distribution of coal and to protect the public against any undue advance in price". A close liaison was maintained between the Mining, Metallurgical and Chemical Section of the Bureau and the office of the Coal Controller.

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 office of the Coal Controller, for their assistance.

This report has been prepared under the direction of Mr. H. McLeod, Chief, Mining, Metallurgical and Chemical Section, by Mr. J. E. Whimster, Statistician in charge of the coal statistics.

HERBERT MARSHALL,  
*Dominion Statistician.*

DOMINION BUREAU OF STATISTICS,  
Ottawa.

June 22, 1948.

## 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 Statistics branch 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, time and tonnages lost, 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 are obtained from each mine, as well as a summary and check of the monthly production records.

### (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.

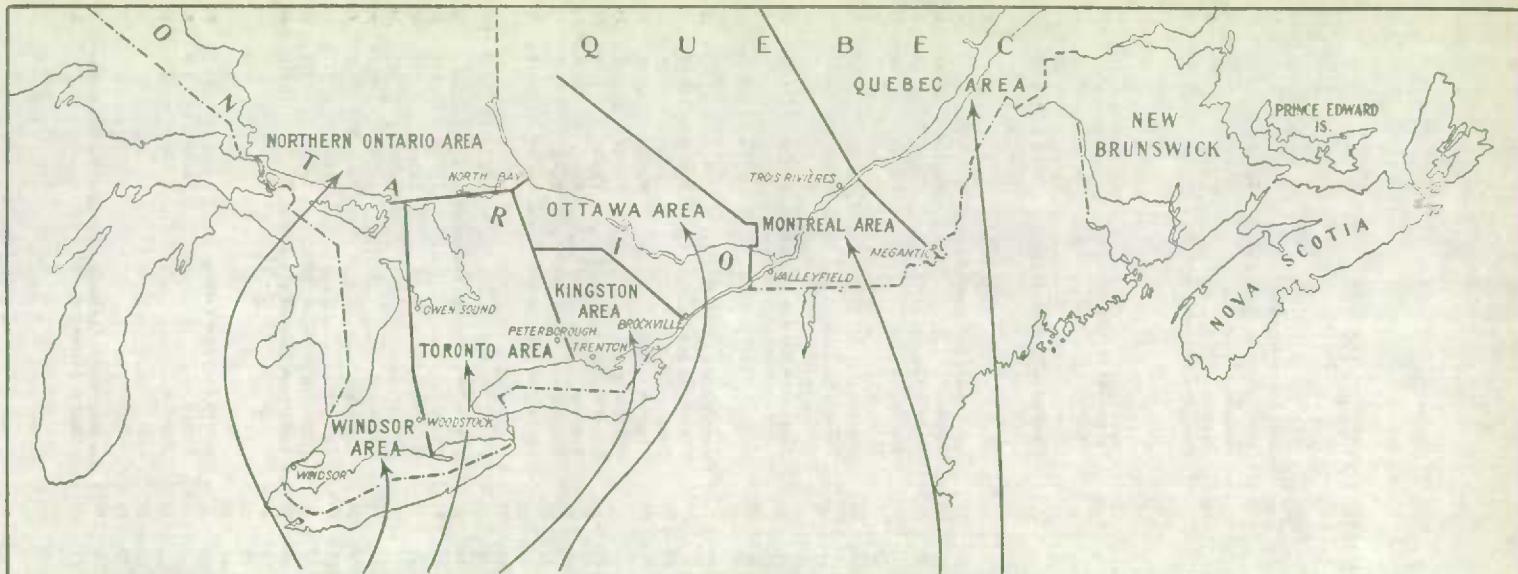
### (3) PUBLICATIONS ON COAL

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

- (1) Preliminary monthly summary of production and imports, issued on the 15th of each month.
- (2) Final monthly report on 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.

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	ONTARIO	WINDSOR	TORONTO	KINGSTON	OTTAWA
<b>ANTHRACITE</b>					
GREAT BRITAIN Imported direct	—	—	—	—	—
Received ex-Montreal	—	—	—	—	—
UNITED STATES Imported direct	40,567	248,845	2,212,427	82,883	212,148
TOTAL	40,567	248,845	2,212,427	82,883	219,884
<b>BITUMINOUS</b>					
UNITED STATES Received ex-Montreal	4,765,342	31,32,035	6,363,302	468,464	1,053,143
NOVA SCOTIA Received ex-mines	—	—	123	—	—
Received ex-mines	—	—	123	—	—
NEW BRUNSWICK Received ex-mines	—	—	135	—	—
ALBERTA Received ex-mines	—	—	493,949	—	—
BRITISH COLUMBIA Received ex-mines	—	—	—	—	—
LIGNITE SASKATCHEWAN	—	—	20,017	—	—

	MONTREAL	QUEBEC
<b>ANTHRACITE</b>		
GREAT BRITAIN	8,34,187	8,516
UNITED STATES	1,588,591	50,701
TOTAL	1,622,888	59,219
<b>BITUMINOUS</b>		
GREAT BRITAIN	—	—
UNITED STATES	4,500,382	810,815
NOVA SCOTIA	627,495	—
NEW BRUNSWICK	218	—

\* Includes some coal received at Saint John, N.B.

† Excludes coal shipped into this area and then trans-shipped to the Ottawa area.

## RECEIPTS OF COAL IN ONTARIO AND QUEBEC BY AREAS 1946 (Short Tons)

Scale of Miles  
0 50 100 150 200

# DOMINION BUREAU OF STATISTICS

HERBERT MARSHALL, Dominion Statistician

W. H. LOSEE, . . . Director Industry and Merchandising Division  
H. McLEOD, . . . Chief Mining, Metallurgical and Chemical Section  
J. E. WHIMSTER, . . . Coal Statistician

## COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEAR 1946

### CHAPTER ONE

#### CANADA

Production of coal in Canada during the calendar year 1946 amounted to 17,811,747 tons, an increase of 8 per cent over the production of the previous year. Compared with 1945, production increased 7 per cent in Nova Scotia, 3 per cent in New Brunswick and 13 per cent in Alberta, but declined 1 per cent in Saskatchewan and 4 per cent in British Columbia.

Of the total production for the year 3,323,196 tons or approximately 19 per cent was obtained from stripping operations. Table 11 on page 14 gives a comparison of production, employment and man-days worked at strip and underground mines during 1946.

Coal imported during 1946 totalled 26,639,918 tons, an increase of 8 per cent over the 24,588,702 tons imported in 1945. Exports of coal amounted to 862,489 tons in 1946 compared with 840,708 tons in 1945.

Coal made available for consumption in 1946 amounted to 43,589,176 tons, an increase of 8 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 1946 Canadian coal mines employed 1,332 salaried employees and 24,155 wage-earners and paid a total of \$51,343,925 in salaries and wages.

#### 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, as, for example, Table 2, page 10, and certain tables in Chapter Nine.

(\*) 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)

**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	NAME	No.	Group	A.S.T.M. Rank* (D 388-38)			
					Class	Anthra-citic	Bituminous	Sub-bituminous
Anthracite						Meta-anthracite		
Bituminous						Anthracite		
Sub-bituminous						Semi-anthracite		
Lignite or domestic							Low volatile	
							Medium volatile	Sub-bituminous A
							High volatile A	Sub-bituminous B
							High volatile B	Sub-bituminous C
							High volatile C	
								Lignite
								Brown coal
φ	φ	Ardley	1					
φ	φ	Big Valley	2					
φ	φ	Brooks	3					
φ	φ	Brunet†	4					
φ	φ	Camrose	5					
φ	φ	Carbon	6					
φ	φ	Cascade	7					
φ	φ	Custer	8					
φ	φ	Champion	9					
φ	φ	Clearwater†	10					
φ	φ	Coalspur	11					
φ	φ	Crowsnest	12, 13					
φ	φ	Drumheller	14					
φ	φ	Edmonton	15					
φ	φ	Empress†	16					
φ	φ	Gleichen	17					
φ	φ	Halcourt e.	18					
φ	φ	High Prairie	18A					
φ	φ	Highwood	19					
φ	φ	Lethbridge	20					
φ	φ	Magrath†	21					
φ	φ	Milk River	22					
φ	φ	Morley	23					
φ	φ	Mountain Park	24					
φ	φ	Nordegg	25					
φ	φ	Oldman†	26					
φ	φ	Pakant	27					
φ	φ	Pakowki b.	28					
φ	φ	Panther†	29					
φ	φ	Pekisko	30					
φ	φ	Pembina	31					
φ	φ	Pincher	32					
φ	φ	Prairie Creek	33					
φ	φ	Redcliff	34					
φ	φ	Rochester†	35					
φ	φ	Saunders	36					
φ	φ	Sexsmith†	37					
φ	φ	Sheerness	38					
φ	φ	Sunbury River†	39					
φ	φ	Steveville†	40					
φ	φ	Taber	41					
φ	φ	Tofield	42					
φ	φ	Vulnula†	43					
φ	φ	Wainwright†	44					
φ	φ	Westlock	45					
φ	φ	Wetaskiwin	46					
φ	φ	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.

φKind 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, 1785-1946

Year	Short tons	Value	Average per ton	Year	Short tons	Value	Average per ton
			\$				\$
1785-1866.....	2,803,826	4,905,462	1.71	1908.....	10,886,311	25,194,573	2.31
1867.....	631,320	1,056,725	1.67	1909.....	10,501,475	24,781,236	2.36
1868.....	623,392	1,073,061	1.72	1910.....	12,909,152	30,909,779	2.39
1869.....	687,825	1,155,282	1.68	1911.....	11,323,388	26,407,646	2.34
1870.....	752,635	1,243,139	1.65	1912.....	14,512,829	36,019,044	2.48
1871.....				1913.....	15,012,178	37,334,940	2.49
1872.....	3,033,152	5,073,331	1.67	1914.....	13,637,529	33,471,801	2.45
1873.....				1915.....	13,267,023	32,111,182	2.42
1874.....	1,063,742	1,763,423	1.66	1916.....	14,483,395	38,817,481	2.68
1875.....	1,039,974	1,747,016	1.65	1917.....	14,046,759	43,199,831	3.08
1876.....	994,782	1,729,546	1.74	1918.....	14,977,926	55,192,896	3.68
1877.....	1,036,670	1,794,415	1.73	1919.....	13,919,096	55,622,870	3.99
1878.....	1,088,744	1,941,285	1.78	1920.....	16,946,764	82,400,538	4.86
1879.....	1,128,497	2,050,639	1.82	1921.....	15,057,493	72,451,656	4.81
1880.....	1,482,714	2,657,194	1.79	1922.....	15,157,431	65,518,497	4.22
1881.....	1,537,106	2,688,821	1.75	1923.....	16,990,571	72,058,988	4.24
1882.....	1,848,148	3,248,446	1.76	1924.....	13,638,197	53,593,988	3.93
1883.....	1,818,884	3,109,635	1.71	1925.....	13,134,968	49,261,951	3.75
1884.....	1,984,959	3,593,831	1.81	1926.....	16,478,131	59,875,094	3.63
1885.....	1,920,977	3,417,807	1.78	1927.....	17,428,861	61,867,463	3.65
1886.....	2,116,653	3,739,840	1.77	1928.....	17,584,293	63,757,833	3.63
1887.....	2,429,330	4,388,206	1.81	1929.....	17,498,557	63,065,170	3.60
1888.....	2,602,552	4,674,140	1.80	1930.....	14,881,324	52,849,748	3.55
1889.....	2,658,303	4,894,287	1.84	1931.....	12,243,211	41,207,682	3.37
1890.....	3,084,682	5,676,247	1.84	1932.....	11,738,913	37,117,695	3.16
1891.....	3,577,749	7,019,425	1.97	1933.....	11,903,344	35,923,962	3.02
1892.....	3,287,745	6,363,757	1.94	1934.....	13,810,103	42,045,942	3.04
1893.....	3,783,499	7,359,080	1.95	1935.....	13,888,006	41,963,110	3.02
1894.....	3,847,070	7,429,468	1.97	1936.....	15,229,182	45,791,934	3.00
1895.....	3,478,344	6,739,153	1.94	1937.....	15,835,954	48,752,048	3.08
1896.....	3,745,716	7,228,482	1.97	1938.....	14,294,718	43,982,171	3.08
1897.....	3,786,107	7,303,597	1.93	1939.....	15,692,888	48,676,990	3.10
1898.....	4,173,108	8,224,288	1.97	1940.....	17,500,884	54,675,844	3.11
1899.....	4,925,051	10,283,497	2.09	1941.....	18,215,921	58,059,630	3.19
1900.....	5,777,310	13,742,178	2.38	1942.....	18,865,030	62,897,581	3.33
1901.....	6,485,325	12,699,243	1.96	1943.....	17,859,057	62,877,549	3.62
1902.....	7,466,681	15,210,877	2.04	1944.....	17,026,499	70,433,168	4.14
1903.....	7,960,364	15,942,833	2.00	1945.....	16,506,713	67,588,402	4.09
1904.....	8,254,585	16,582,231	2.01	1946.....	17,811,747	75,820,159	4.25
1905.....	8,607,918	17,520,263	2.02				
1906.....	9,762,601	19,732,019	2.02				
1907.....	10,511,426	24,381,849	2.31	Total.....	720,667,816	2,215,125,862	

NOTE.—For the year 1919-1945 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.—Output of Coal in Canada, by Grades, 1918-1946

Calendar year	Anthracite		Bituminous		Sub-Bituminous		Lignite		Total	
	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value
	\$	\$		\$		\$		\$		\$
1918.....	115,405	14,515,674					346,847	14,977,926	55,192,896	
1919.....	85,579	13,454,170					379,347	13,919,696	55,622,670	
1920.....	127,513	10,484,029					335,222	16,946,761	52,186,538	
1921.....	96,904	330,699	14,624,807	71,297,777			335,632	823,180	15,057,483	71,151,656
1922.....	40,417	122,538	14,734,577	64,593,906	2,487,303	8,211,681	382,437	802,053	15,157,431	65,518,497
1923.....	107	322	14,065,061	62,988,555	2,488,188	6,723,950	438,100	858,448	16,990,571	72,056,986
1924.....			10,478,532	44,323,988	2,680,547	8,383,332	479,115	886,668	13,684,19	53,593,988
1925.....			10,179,815	41,687,126	2,483,188	6,723,950	471,965	870,875	13,184,96	61,261,951
1926.....			13,544,637	52,125,037	2,493,691	6,930,252	439,803	819,905	15,475,131	59,875,094
1927.....			14,298,217	53,798,811	2,558,428	7,199,785	470,216	868,867	17,426,861	61,867,463
1928.....			14,509,272	55,741,531	2,583,308	7,184,811	471,713	831,491	17,564,292	61,757,833
1929.....			14,261,163	54,708,058	2,655,205	7,383,886	580,189	993,226	17,496,557	63,065,170
1930.....			11,974,851	45,577,090	2,327,049	6,302,895	579,424	968,863	14,881,324	53,949,748
1931.....			9,692,732	35,551,558	1,886,337	4,677,068	644,142	949,056	12,243,211	41,207,682
1932.....			8,666,277	30,636,270	2,183,945	5,248,292	888,691	1,233,133	14,738,913	37,117,695
1933.....			8,875,309	30,672,157	2,080,508	4,556,505	931,529	1,295,210	11,903,314	35,223,962
1934.....			10,914,405	36,568,356	1,982,387	4,227,504	913,401	1,250,082	13,810,193	37,045,942
1935.....			10,671,305	35,609,964	2,291,810	5,052,070	924,891	1,301,070	13,888,066	31,963,110
1936.....			11,717,648	38,736,380	2,486,713	5,582,349	1,024,821	1,473,205	15,229,182	45,791,934
1937.....			12,496,642	42,049,957	2,288,792	5,200,045	1,052,520	1,502,046	15,825,931	45,752,048
1938.....			11,164,742	37,714,195	2,105,794	4,881,900	1,024,182	1,386,076	11,291,718	43,982,171
1939.....			12,614,236	42,442,382	2,117,324	4,975,636	981,138	1,258,972	15,692,699	48,676,998
1940.....			14,262,922	47,921,227	2,204,748	5,342,040	1,009,214	1,412,577	17,566,984	51,675,844
1941.....			14,531,862	50,088,519	2,370,050	6,254,222	1,324,009	1,719,889	18,224,921	58,059,030
1942.....			14,828,230	53,423,090	2,740,419	7,170,863	1,301,382	1,763,828	18,465,030	62,997,581
1943.....			13,358,664	51,798,006	2,833,422	8,643,340	1,660,971	2,435,213	18,859,857	62,777,549
1944.....			12,958,328	59,303,397	2,605,405	9,094,858	1,372,766	2,034,914	17,026,197	70,433,169
1945.....			11,774,164	54,689,261	3,199,554	10,572,050	1,532,995	2,327,082	16,506,713	71,658,402
1946.....			12,551,365	61,044,144	3,436,803	12,231,923	1,523,489	2,544,002	17,811,747	75,820,159

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.—Output and Value of Coal in Canada, by Kinds and by Provinces,  
1945 and 1946

(Short tons)

Province	1945			1946		
	Number of mines	Quantity	Value	Number of mines	Quantity	Value
NOVA SCOTIA (Bituminous).....	38	5,112,615	28,350,278	42	5,452,888	30,573,883
NEW BRUNSWICK (Bituminous).....	29	361,184	2,021,806	33	370,655	2,099,373
MANITOBA (Lignite).....						
SASKATCHEWAN (Lignite).....	79	1,532,995	2,327,082	70	1,523,489	2,544,092
ALBERTA—						
Bituminous.....	37	4,600,597	17,179,318	42	5,389,418	21,210,007
Sub-bituminous.....	162	3,199,554	10,572,059	156	3,436,893	12,231,923
Total.....	199	7,800,151	27,751,377	198	8,826,311	33,441,930
BRITISH COLUMBIA (Bituminous).....	28	1,699,768	7,137,850	22	1,638,424	7,160,881
YUKON (Bituminous).....						
CANADA—						
Bituminous.....	132	11,774,164	54,689,361	139	12,851,363	61,044,144
Sub-bituminous.....	162	3,199,554	10,572,059	156	3,436,893	12,231,923
Lignite.....	79	1,532,995	2,327,082	70	1,523,489	2,544,092
Total.....	373	16,506,713	67,588,402	365	17,811,747	75,820,159

Table 4.—Output of Coal from Canadian Mines, by Months, 1942-1946

(Short tons)

Month	1942	1943	1944	1945	1946
January.....	1,919,264	1,559,304	1,626,068	1,691,066	1,808,189
February.....	1,712,029	1,578,404	1,454,614	1,504,759	1,640,962
March.....	1,610,242	1,688,463	1,546,446	1,469,398	1,588,548
April.....	1,523,885	1,387,020	1,236,200	1,321,063	1,380,228
May.....	1,316,863	1,318,099	1,290,481	1,201,274	1,380,121
June.....	1,386,453	1,365,993	1,233,251	1,277,840	1,250,390
July.....	1,497,107	1,387,654	1,168,859	1,092,203	1,154,909
August.....	1,468,448	1,441,577	1,379,044	1,199,078	1,392,811
September.....	1,469,691	1,463,498	1,391,475	1,187,429	1,420,905
October.....	1,574,871	1,569,411	1,528,291	1,217,034	1,627,136
November.....	1,646,387	1,472,424	1,038,628	1,700,504	1,579,901
December.....	1,739,700	1,627,210	1,533,142	1,555,065	1,573,697
Total.....	18,565,030	17,559,057	17,026,499	16,506,713	17,811,747

Table 5.—Output and Value of Coal in Canada, by Kinds and by Months, 1946

Month	Bituminous		Sub-Bituminous		Lignite		Total	
	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value
	\$	\$	\$	\$	\$	\$	\$	\$
January.....	1,130,455	5,177,124	457,742	1,478,064	210,991	351,106	1,808,189	7,007,197
February.....	1,092,301	4,909,658	374,757	1,243,080	173,901	284,723	1,610,962	6,494,061
March.....	1,197,141	5,377,695	270,813	911,252	120,594	194,387	1,588,518	6,512,334
April.....	1,100,315	5,015,877	192,243	666,010	67,670	103,298	1,360,228	5,785,185
May.....	1,138,234	5,373,409	191,553	675,583	66,034	103,123	1,396,121	6,152,115
June.....	1,018,875	4,785,420	189,479	680,600	51,033	81,816	1,219,390	5,547,836
July.....	938,832	4,264,877	161,721	558,941	54,256	87,225	1,154,809	4,911,043
August.....	1,050,359	4,827,758	269,274	935,588	64,183	106,714	1,392,811	5,888,056
September.....	1,032,493	4,779,013	271,572	935,882	125,840	208,182	1,429,965	5,921,078
October.....	1,133,394	5,841,642	305,920	1,142,300	184,872	299,773	1,627,186	7,283,715
November.....	1,018,011	5,575,094	365,673	1,439,268	106,217	344,525	1,529,901	7,358,885
December.....	982,054	5,056,581	382,845	1,514,856	207,898	379,217	1,573,697	6,950,654
Total.....	12,851,365	61,044,114	3,426,893	12,231,923	1,522,489	2,514,692	17,811,747	75,820,159

Table 6.—Tonnage Lost in the Coal Mines of Canada, in 1945 and 1946 Showing, by Provinces, the Relative Percentages Produced and Lost with an Analysis of the Percentage Lost.

Province	Per cent produced	Per cent lost	Percentage lost through:					
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes	
NOVA SCOTIA.....	1945	72	28	21.1	0.1	0.1	1.1	5.6
	1946	74	26	18.4	0.1	0.1	0.6	6.8
NEW BRUNSWICK.....	1945	87	13	6.6	0.3	0.4	1.0	4.7
	1946	87	13	6.6	0.2	0.1	1.1	5.0
SASKATCHEWAN.....	1945	84	16	0.3	14.4	...	0.2	1.1
	1946	86	14	0.5	10.2	...	2.0	1.3
ALBERTA.....	1945	85	15	7.0	2.2	1.1	1.0	3.7
	1946	87	13	7.2	1.3	0.4	0.5	3.6
BRITISH COLUMBIA.....	1945	83	17	10.6	0.3	0.8	0.3	5.0
	1946	83	17	10.7	0.2	0.1	...	6.0
Canada.....	1945	80	20	12.0	2.4	0.5	0.9	4.2
	1946	82	18	10.8	1.4	0.2	0.7	4.9

Table 7.—Tonnage Lost in the Coal Mines of Canada Showing, by Months, the Relative Percentage Produced and Lost with an Analysis of the Percentage Lost in 1946

Month	Per cent produced	Per cent lost	Percentage lost through:				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
January.....	85	15	11.0	0.2	0.2	0.6	3.0
February.....	86	14	10.5	...	0.5	0.7	2.3
March.....	84	16	10.5	2.0	0.2	0.2	3.1
April.....	82	18	12.2	2.9	...	0.5	2.4
May.....	82	18	12.1	1.7	...	0.5	3.7
June.....	79	21	14.6	2.0	0.1	1.3	3.0
July.....	70	30	11.5	1.9	...	0.1	16.5
August.....	75	25	12.1	3.0	0.3	0.6	9.0
September.....	83	17	10.4	1.4	0.9	0.8	3.7
October.....	87	13	8.0	0.6	0.1	0.8	3.5
November.....	85	15	7.4	1.4	0.2	1.0	5.0
December.....	83	17	10.6	1.5	0.4	0.5	4.0
Average.....	82	18	10.8	1.4	0.2	0.7	4.8

Table 8.—Disposition of Coal from Canadian Mines, 1945 and 1946

	1945			1946						Average value per ton
	Total coal	Total value	Average value per ton	Run-of-mine	Cobble and Lump	Nut and other grades	Slack	Total coal	Total value	
	Tons	\$	\$	Tons	Tons	Tons	Tons	Tons	\$	\$
Supplied to employees for domestic consumption.....	255,773	1,015,958	3.97	185,674	54,736	7,172	82	247,664	1,036,834	4.18
Used for power purposes—										
(a) Shops.....	48,757	273,992	5.61	421	716	14,917	24,285	40,330	236,225	5.85
(b) Colliery boilers.....	458,798	1,388,875	3.02	100,670	3,931	66,889	263,557	434,947	1,361,014	3.12
(c) Companies' railroads.....	48,071	192,587	4.00	17,884	7,316	6,567	16,951	48,718	190,488	4.03
(d) Harbour tugs and dredges.....	1,683	5,935	3.52	1,511	.....	.....	.....	1,511	5,061	3.74
Shipped. (See Table 10)—										
(a) Ships' bunkers.....	184,322	.....	.....	67,787	56,890	30,093	36,139	220,909	.....	.....
(b) Railroads.....	3,740,479	63,231,288	4.25	3,588,817	422,632	77,320	89,062	4,177,831	71,207,300	4.40
(c) Other.....	10,929,761	.....	.....	988,121	4,043,218	2,727,022	4,004,589	11,762,050	.....	.....
Used in making coke at colliery.....	164,885	533,139	3.23	.....	.....	.....	171,005	171,005	593,072	3.46
Used in making briquettes.....	235,998	838,607	3.54	65,203	57,825	23,798	250,123	250,123	961,402	3.71
Put on bank.....	1,194,585	3,790,541	3.17	.....	.....	1,259,021	1,405,847	4,550,916	3.24	
Put on waste heap.....	370,092	.....	.....	.....	.....	.....	373,764	.....	.....	.....
<b>Total disposition.....</b>	<b>17,633,264</b>	<b>71,268,722</b>	<b>4.04</b>	<b>5,016,088</b>	<b>4,617,161</b>	<b>2,953,778</b>	<b>6,123,814</b>	<b>19,141,608</b>	<b>80,154,912</b>	<b>4.18</b>
Lifted from bank.....	1,125,691	3,080,320	3.26	40,591	71,358	13,939	1,186,270	1,321,158	4,292,800	3.24
Lifted from waste heap.....	800	.....	.....	.....	.....	.....	.....	11,703	41,893	3.57
<b>Total output.....</b>	<b>16,506,713</b>	<b>67,588,402</b>	<b>4.00</b>	<b>4,996,497</b>	<b>4,575,806</b>	<b>2,939,839</b>	<b>4,937,544</b>	<b>17,811,747</b>	<b>75,820,159</b>	<b>4.25</b>

Table 9.—Disposition of Coal from Canadian Mines, by Provinces, 1946  
(Short tons)

	Nova Scotia	New Brunswick	Saskatchewan	Alberta	British Columbia	Canada
Supplied to employees for domestic consumption.....	171,981	4,640	2,650	53,116	15,208	217,664
Coal shipped. (See Table 10).....	4,929,553	350,102	1,499,395	8,085,440	1,291,200	16,161,690
Used under colliery boilers, etc.....	213,075	6,471	11,931	182,093	21,377	434,947
Used by companies' railroads.....	34,482	2,759	5,735	1,347	4,395	48,718
Used for manufacture of coke at colliery.....	.....	.....	.....	64,879	106,126	171,005
Used in making briquettes.....	40,339	.....	.....	250,123	.....	250,123
Used in shops, etc.....	.....	.....	.....	.....	.....	40,339
Used by harbour tugs and dredges.....	1,511	.....	.....	.....	.....	1,511
Put on bank.....	1,314,936	2,884	16,077	46,627	25,323	1,405,847
Put on waste heap.....	.....	264	3,605	171,826	198,069	373,764
<b>Total disposition.....</b>	<b>6,705,877</b>	<b>373,120</b>	<b>1,539,402</b>	<b>8,861,451</b>	<b>1,661,708</b>	<b>19,141,608</b>
Lifted from bank.....	1,253,009	2,465	15,913	26,437	23,334	1,321,158
Lifted from waste heap.....	.....	.....	.....	11,703	.....	11,703
<b>Total output.....</b>	<b>5,452,868</b>	<b>370,655</b>	<b>1,523,489</b>	<b>8,826,311</b>	<b>1,638,424</b>	<b>17,811,747</b>

**Table 10.—Shipments of Coal from Canadian Mines, by Grades and Destinations, 1945 and 1946**  
(Short tons)

Destination	1945					1946				
	Run-of-mine	Cobble and Lump	Nut and other grades	Slack	Total	Run-of-mine	Cobble and Lump	Nut and other grades	Slack	Total
Prince Edward Island	2,030	80,509	6,279	32,902	131,720	2,335	95,377	6,295	25,019	129,033
Nova Scotia	129,408	843,688	83,720	1,281,010	2,317,826	118,980	745,332	78,156	1,152,387	2,094,861
New Brunswick	162,414	340,687	26,054	519,501	1,048,656	299,550	304,324	27,873	598,450	1,140,177
Quebec	2,347	38,940	19,151	143,072	203,510	73,681	64,318	27,800	444,027	609,835
Ontario	486	117,420	140,953	26,167	285,056	41,509	129,914	130,844	90,577	391,844
Manitoba	17,947	435,792	470,656	567,885	1,492,313	33,713	497,361	774,025	378,724	1,683,823
Saskatchewan	75,307	831,191	605,905	398,821	1,911,331	80,983	932,802	758,188	333,088	2,105,861
Alberta	350,746	582,305	311,469	267,584	1,512,101	275,686	606,480	340,602	340,900	1,561,668
British Columbia	87,706	463,270	473,715	390,298	1,414,989	75,898	463,201	520,123	404,724	1,463,946
Yukon										
Northwest Territories										
Total domestic shipments	828,391	3,733,802	2,137,962	3,627,250	10,327,405	915,344	3,830,109	2,663,918	3,767,876	11,186,218
Railroads—										
In Canada	3,296,801	208,854	46,344	88,077	3,610,076	3,566,503	372,846	77,278	77,345	4,093,972
In United States	17,664		961	26,934	45,558	22,314		42	135	22,191
In Newfoundland	4,027	60,217			54,844		49,786			61,168
Ships' bunkers	91,888	23,994	7,909	40,137	163,928	97,507	56,890	39,093	35,237	219,517
Ships' bunkers via United States	20,394				20,394	190			902	1,893
Total railroads and ships' bunkers	3,431,374	283,065	55,214	155,148	3,924,801	3,680,604	470,522	107,413	125,201	4,393,719
Greenland										
United States	40,785	78,763	70,351	129,527	319,426	39,615	37,026	62,815	177,809	317,355
Alaska							2,517	288		2,805
Newfoundland	43,405	177,560	38	49,421	278,422	27,783	152,209		25,866	205,858
St. Pierre	1,720	7,744			9,464	377	12,357			12,734
Labrador									85	85
China						5,002			32,863	37,863
Lost at sea					3,044	3,044				
Total external shipments	85,910	264,067	70,387	181,992	602,356	72,777	204,100	63,103	236,713	576,702
Total	4,345,675	4,280,934	2,263,563	3,964,390	14,854,562	1,671,725	4,522,740	2,834,435	4,129,290	16,161,690

**Table 11.—Production, Number of Employees and Man-days Worked, at Strip and Underground Coal Mines in Canada, by provinces, 1946**

	Output	Number of employees		Man-days worked	
		Surface	Under-ground	Surface	Under-ground
Nova Scotia—					
Strip mines					
Underground mines	5,452,868	2,085	11,146	588,686	2,722,835
Total	5,452,868	2,085	11,146	588,686	2,722,835
New Brunswick—					
Strip mines					
Underground mines	153,707	151		41,384	
Total	216,858	144	519	38,763	128,163
Saskatchewan—					
Strip mines					
Underground mines	1,343,668	272		72,344	
Total	179,821	85	140	17,419	36,194
Alberta—					
Strip mines					
Underground mines	1,523,489	337	149	89,763	36,194
Total					
British Columbia—					
Strip mines					
Underground mines	1,638,424	647	1,746	174,187	400,773
Total	1,638,424	647	1,746	174,187	400,773
Canada—					
Strip mines					
Underground mines	3,323,196	1,016		267,823	
Total	14,488,551	5,023	19,448	1,383,501	4,686,773
	17,811,747	6,026	12,443	3,651,224	4,686,773

Table 12.—Exports of Canadian Coal, 1873-1946

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
	\$			\$			\$	
1873.....	420,683		1897.....	986,130		1921.....	1,987,251	13,890,370
1874.....	310,988		1898.....	1,150,029		1922.....	1,818,582	11,159,060
1875.....	250,348		1899.....	1,293,169		1923.....	1,654,406	10,661,399
1876.....	248,638		1900.....	1,787,777		1924.....	773,246	4,836,848
1877.....	301,317		1901.....	1,573,661		1925.....	785,910	4,329,173
1878.....	327,959		1902.....	2,090,268		1926.....	1,028,200	5,739,436
1879.....	306,648		1903.....	1,934,629		1927.....	1,113,330	5,890,259
1880.....	432,188		1904.....	1,557,412		1928.....	863,941	4,469,999
1881.....	395,382		1905.....	1,635,287		1929.....	842,972	4,375,328
1882.....	412,682		1906.....	1,835,041		1930.....	624,512	3,345,998
1883.....	486,811		1907.....	1,894,074		1931.....	359,833	1,909,922
1884.....	474,405		1908.....	1,729,833		1932.....	285,487	1,443,036
1885.....	427,937		1909.....	1,688,099		1933.....	250,233	1,188,225
1886.....	520,703		1910.....	2,377,049		1934.....	306,335	1,400,978
1887.....	580,965		1911.....	1,500,639		1935.....	418,391	1,908,847
1888.....	588,027		1912.....	2,127,133		1936.....	411,574	1,792,584
1889.....	665,315		1913.....	1,562,020	3,951,351	1937.....	355,268	1,441,879
1890.....	724,486		1914.....	1,423,128	3,780,175	1938.....	353,181	1,540,990
1891.....	971,259		1915.....	1,706,543	5,406,058	1939.....	376,203	1,666,934
1892.....	823,733		1916.....	2,135,359	7,099,381	1940.....	504,898	2,361,551
1893.....	980,312		1917.....	1,733,156	7,387,192	1941.....	531,449	2,500,626
1894.....	1,103,694		1918.....	1,817,195	9,405,423	1942.....	815,555	4,278,345
1895.....	1,011,235		1919.....	2,070,850	12,438,885	1943.....	1,110,101	5,428,362
1896.....	1,106,661		1920.....	2,558,174	18,014,899	1944.....	1,010,240	5,984,827
						1945.....	840,708	5,303,543
						1946.....	862,489	5,946,224

Table 13.—Exports of Canadian Coal from Eastern and Western Canada, 1942-1946  
(Short tons)

	1942	1943	1944	1945	1946
Eastern Canada.....	505,578	496,962	495,175	460,493	443,614
Western Canada.....	310,007	613,139	515,065	380,215	418,875
<b>Total</b> .....	<b>815,585</b>	<b>1,110,101</b>	<b>1,010,240</b>	<b>840,708</b>	<b>862,489</b>

Table 14.—Exports of Canadian Coal, by Destinations, 1945 and 1946  
(Compiled in the External Trade Branch)

Destination	1945		1946	
	Short tons	Value	Short tons	Value
	\$		\$	
Newfoundland.....	339,442	2,594,678	207,209	2,509,482
Greenland.....	10	366		
St. Pierre and Miquelon.....	8,094	64,917	10,120	86,893
United States.....	493,120	2,042,849	459,821	2,520,677
Alaska.....	42	733	298	5,115
Hong Kong.....			37,510	249,383
China.....			53,840	537,985
New Zealand.....			3,891	36,689
<b>Total</b> .....	<b>840,708</b>	<b>5,303,543</b>	<b>862,489</b>	<b>5,946,224</b>

## IMPORTS

The table below shows the standard sizes of American anthracite and typical sizes of British, Scotch and other anthracite. This table is so arranged that the sizes of each anthracite are readily comparable.

**Table 15.—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 Statistical Code No.	Tariff Item	Welsh			Scotch			United States		
		Exporter's Designation	Size—Inches		Exporter's Designation	Size—Inches		Exporter's Designation	Size—Inches	
7062	586	Large		6"	Large		4½"	Broken	4½"	3½"
		Machine made Cobbles	4"	2½"	Cobbles	4½"	3"	Furnace Egg	3½"	2 7/16"
		Screened Cobbles French Nuts	3"	2½"	Trebles	3"	2"	Stove	2 7/16"	11"
		Stove Nuts	1½"	1"	Doubles	2"	1½"	Chestnut	1½"	13/16"
7063	586	Pea Nuts Beans	1½"	1½"				Pea	13/16"	9/16"
		Peas	1"	1"	Beans	1" or 1½"	1"	No. 1 Buckwheat No. 2 " (Rice)	9/16" 5/16"	5/16" 3/16"
7061	588	Grains	1"	1"				No. 3 (Barley)	3/16"	3/32"
		Rubbly Culm (See Note 1)	1½"							
		Duff	1"		Duff	1" or 1½"				

		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 Statistical Code No.	Tariff Item	Germany			Indo-China			Netherlands		
		Exporter's Designation	Size—mm.		Exporter's Designation	Size—mm.		Exporter's Designation	Size—mm.	
7062	586	Cobbles	120	80	Large Screened (Lump)	120	80	Lump Nuts 0	120	120
		Nut 1	80	50	Screened (Crible)	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
7063	586	Nut 4 (Note 3)	20	10	Nut (Noisette)	18	10	Nuts IV	20	8
		Perl	14	6				Nuts V	8	6
7061	588	Nut 5 (Grom)	10	6	Ordinary Dust	30		Duff	5	
		Fine		6	Fine Dust	10				

Table 15.—Size Classification of Anthracites Imported into Canada (\*)—Concluded

		Correspondence with Canadian Import Co. Ltd., Nov. 19, 1938.		Colliery Guardian, May 1, 1938.				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.	Exporter's Designation
7062	586	Cobbles	Through	Over	Large best selected Cobbles A. 3 Cobbles A. 2 Cobbles A. 2'	125	125 87	Cribles	120	
			120	80		87	62	Gailettes	120	80
			80	50		90	50	Gailettes	80	50
		Nuts I	Stove A. 1 French Nuts A. 1 Stove Nuts A. 1' Stove Nuts A.M.O.	62 50 40 30	22 25 20 15			Gailettes	50	30
			30	22				Braisettes	35	22
		Nuts IV	22	12	Beans A.M. Peas A.S.	25	12	Braisettes	22	10
			12	8		15	6	Braisettes	22	5
			8	5				Braisettes	20	5
		Dust			Rubbly Culm R.K. Breaker Duff A.S.T. Billy Duff A.S.T.	25		Grains laves	10	1
						6		Grains laves	5	1
						6				

	Equivalents in Inches of Millimeter Sizes					
	Millimetres	Inches	Millimeters	Inches	Millimeters	Inches
Note 1. <i>Rubbly Culm</i> is the nutty small passing through the longitudinal bars spaced 1" used in making "screened cobbles". This product is usually sold for steam raising purposes.	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
	87	3-27/64	25	63/64	8	5/16
Note 2. <i>Nut 3</i> is sometimes sized 25 mm. x 15 mm. and would then be classed in Code 7063.	80	3-5/32	22	7/8	6	15/64
	62	2-7/16	20	25/32	5	13/64
Note 3. <i>Nut 4</i> is sometimes sized 20 mm. x 8 mm. or 15 mm. x 8 mm.	50	1-31/32	15	19/32	1	3/64

\*From a statement supplied by the Dominion Fuel Board

Table 16.—\*Imports of Coal into Canada "Entered for Consumption" 1925-1946

Year	Anthracite		Bituminous		Lignite		Total	
	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value
	\$	\$	\$	\$	\$	\$	\$	\$
1925 .....	3,782,557	32,006,509	12,548,460	26,974,340	18,653	87,632	16,349,670	59,158,681
1926 .....	4,192,419	34,202,166	12,376,006	25,511,932	10,423	45,567	16,579,448	59,759,663
1927 .....	4,107,854	31,262,371	14,568,671	30,457,884	10,829	44,234	18,687,334	61,784,569
1928 .....	3,748,816	27,680,018	13,445,945	26,608,427	10,780	44,247	17,395,541	54,332,637
1929 .....	4,019,917	28,809,792	14,170,138	27,140,968	14,105	62,505	18,291,163	56,013,268
1930 .....	4,256,090	30,098,910	14,497,055	26,522,765	18,676	72,691	18,772,721	56,691,366
1931 .....	3,162,317	21,067,025	9,952,280	15,732,710	6,410	29,603	13,121,067	36,829,338
1932 .....	3,148,902	19,812,710	8,807,131	12,011,398	3,004	13,701	11,959,037	31,337,869
1933 .....	3,015,571	17,610,091	8,185,759	10,501,924	2,707	10,176	11,204,037	28,122,191
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	33,331,249
1936 .....	3,418,556	17,897,635	9,700,002	17,039,408	4,873	18,347	13,123,431	34,355,390
1937 .....	3,458,278	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	11,090	13,012,491	35,825,914
1939 .....	4,288,461	21,938,333	10,700,786	19,628,410	3,398	11,942	14,998,645	41,578,685
1940 .....	3,944,255	23,123,417	13,479,986	26,499,016	2,493	7,669	17,426,734	49,630,132
1941 .....	3,853,010	24,026,095	16,534,449	37,558,900	934	3,046	20,388,393	61,588,041
1942 .....	4,911,625	31,506,629	10,025,483	50,343,442	239	1,148	24,937,342	81,851,219
1943 .....	4,480,285	30,918,555	12,628,310	70,325,413	337	1,487	28,108,922	101,245,455
1944 .....	4,402,901	33,417,990	124,270,692	79,718,988	171	1,038	28,723,854	113,138,016
1945 .....	3,412,739	27,565,369	121,645,350	74,861,376	467	2,229	25,061,556	102,431,974
1946 .....	4,631,387	41,987,460	121,475,040	73,306,184	172	776	26,106,599	120,351,120

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

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

Table 17.—Imports of Coal into Canada by Countries, by Grades and by Provinces, 1945 and 1946

(Short tons)

Destination	1945					1946				
	Anthracite			Bituminous	Lignite	Anthracite			Bituminous	Lignite
	Grate, egg, stove, nut doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.			Grate, egg, stove, nut doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.		
FROM GREAT BRITAIN										
Nova Scotia .....	224		1,692			22,691	25			84
New Brunswick .....			20,284			10,835		18,437		
Quebec .....			6,182				14,034	35,474		
Central Ontario .....					6					
British Columbia .....										
Canada .....	224		28,158	6		33,526	11,059	53,911	84	
FROM UNITED STATES										
Prince Edward Is..	3,323			133		6,450		95		311
Nova Scotia .....	26,744		2,211	107,681		35,483		6,134		70,852
New Brunswick .....	33,132		1,854	46,494		30,821		1,643		101,134
Quebec .....	698,339	18,835	582,222	4,888,239		914,053	22,592	707,116	4,929,873	
Central Ontario .....	1,071,671	1,346	334,191	14,236,472	216	2,373,949	10,201	392,347	14,272,178	70
Head of Lakes .....	2,974			1,873,850		8,557	408	6,850	2,600,187	
Manitoba .....	484	48	5,666	20,397		2,584	231	8,903	16,269	
Saskatchewan .....	1			642	35					686
Alberta .....	1			1,221	17					1,038
British Columbia .....				1,076	199					97
Yukon .....								366	1,790	
Canada .....	2,436,663	20,229	926,144	21,176,895	467	3,380,897	33,492	1,123,463	22,000,314	172

Note.—The import data shown in Tables 17-22, 24 and 25, refer to the total tonnage received at Canadian ports, whether or not this coal has been cleared from customs during the period.

Table 18.—Imports of Coal into Eastern and Western Canada, 1945 and 1946  
(Short tons)

Destination	Anthracite				Bituminous	Lignite	Total all grades
	Grate, egg, stove, nut, double, cobbles and trebles	Screenings or dust	Peas, beans and smaller sizes, n.o.p.	Total anthracite			
1945							
EASTERN CANADA—							
United States.....	2,433,209 224	20,181	920,478 28,158	3,373,868 28,382	19,279,019	216	22,653,163 28,382
Great Britain.....	2,433,433	20,181	948,636	3,402,250	19,279,019	216	22,681,485
Total.....							
WESTERN CANADA—							
United States.....	3,460	48	5,666	9,174	1,897,786 6	251	1,907,211 6
Great Britain.....							
Total.....	3,460	48	5,666	9,174	1,897,792	251	1,907,217
Canada—							
United States.....	2,436,669 224	20,229	926,144 28,158	3,283,042 28,382	21,176,805 6	467	24,560,314 28,388
Great Britain.....							
Total.....	2,436,893	20,229	954,392	3,411,424	21,176,811	467	24,588,702
1946							
EASTERN CANADA—							
United States.....	3,369,756 33,526	32,793 14,059	1,107,335 53,911	4,509,884 101,496	19,350,348 84	70	23,890,302 101,580
Great Britain.....							
Total.....	3,403,282	46,832	1,161,246	4,611,380	19,350,432	70	23,991,882
WESTERN CANADA*—							
United States.....	11,141	699	16,128	27,968	2,619,966	102	2,648,036
Great Britain.....							
Total.....	11,141	699	16,128	27,968	2,619,966	102	2,648,036
Canada—							
United States.....	3,380,897 33,526	33,192 14,059	1,123,163 53,911	4,537,852 101,196	22,000,314 84	172	26,538,338 101,580
Great Britain.....							
Total.....	3,414,423	47,551	1,177,374	4,639,348	22,000,398	172	26,639,918

\*Includes Head of Lakes, Manitoba, and points west.

Table 19.—Imports of Anthracite, Bituminous and Lignite Coal into Canada, by Months, 1945 and 1946

(Short tons)

Month	1945				1946			
	United States	Great Britain	Other countries	Total	United States	Great Britain	Other countries	Total
<b>ANTHRACITE—</b>								
January.....	229,547	7,965	.....	237,512	294,088	5,285	.....	299,973
February.....	220,233	.....	.....	220,233	297,584	5,162	.....	302,746
March.....	310,157	8,627	.....	318,784	331,101	.....	.....	331,101
April.....	311,589	.....	.....	311,589	340,644	7,990	.....	348,634
May.....	170,363	571	.....	170,934	323,112	.....	.....	323,112
June.....	270,409	2,805	.....	273,214	208,358	.....	.....	208,358
July.....	339,643	.....	.....	339,643	374,502	15,446	.....	389,948
August.....	294,391	.....	.....	294,391	580,644	18,725	.....	579,369
September.....	291,229	.....	.....	291,229	514,213	10,687	.....	524,900
October.....	339,036	2,906	.....	341,942	546,008	14,103	.....	560,111
November.....	299,394	.....	.....	299,394	426,974	17,417	.....	444,391
December.....	307,051	5,608	.....	312,659	320,024	6,681	.....	326,705
Total.....	3,383,842	28,382	.....	3,411,424	4,537,852	101,496	.....	4,639,348
<b>BITUMINOUS—</b>								
January.....	558,668	.....	.....	558,668	888,350	.....	.....	888,356
February.....	543,166	.....	.....	543,166	982,589	.....	.....	982,589
March.....	602,793	.....	.....	602,793	1,112,068	.....	.....	1,112,065
April.....	990,310	.....	.....	990,310	980,472	.....	.....	980,472
May.....	2,275,470	.....	.....	2,275,470	197,645	.....	.....	197,645
June.....	2,512,113	.....	.....	2,512,113	1,297,622	84	.....	1,297,706
July.....	2,647,594	.....	.....	2,647,594	2,828,761	.....	.....	2,828,761
August.....	2,496,399	.....	.....	2,496,399	3,138,536	.....	.....	3,138,536
September.....	2,519,156	.....	.....	2,519,156	2,941,390	.....	.....	2,941,390
October.....	2,302,156	.....	.....	2,302,156	3,484,162	.....	.....	3,484,162
November.....	1,954,263	6	.....	1,954,263	3,003,072	.....	.....	3,003,072
December.....	1,774,717	.....	.....	1,774,717	1,145,044	.....	.....	1,145,044
Total.....	21,176,805	6	.....	21,176,811	22,000,314	84	.....	22,000,318
<b>LIGNITE—</b>								
January.....	.....	.....	.....	.....	26	.....	.....	26
February.....	46	.....	.....	46	111	.....	.....	111
March.....	31	.....	.....	31	.....	.....	.....	.....
April.....	46	.....	.....	46	.....	.....	.....	.....
May.....	.....	.....	.....	.....	.....	.....	.....	.....
June.....	70	.....	.....	70	.....	.....	.....	.....
July.....	216	.....	.....	216	.....	.....	.....	.....
August.....	.....	.....	.....	.....	.....	.....	.....	.....
September.....	.....	.....	.....	.....	.....	.....	.....	.....
October.....	35	.....	.....	35	.....	.....	.....	.....
November.....	17	.....	.....	17	35	.....	.....	35
December.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	467	.....	.....	467	172	.....	.....	172

Table 20.—Summary Statistics for 1945—Output, Exports, Interprovincial Shipments, Imports\* and Coal made Available for Consumption in Canada, by Provinces  
(Short tons)

Province	Canadian coal				Im- ported from U.S.A.	Im- ported from Great Britain	Coal available for con- sumption
	Output	Re- ceived from other prov.	Shipped to other prov.	Ex- ported			
PRINCE EDWARD ISLAND—							
Anthracite.....					3,323		3,323
Bituminous.....		145,787			133		145,920
Total.....		145,787			3,456		149,243
NOVA SCOTIA—							
Anthracite.....					28,955	1,916	30,871
Bituminous.....		5,112,615	1,301,619	347,536	107,681		3,571,141
Total.....		5,112,615	1,301,619	347,536	136,636	1,916	3,602,012
NEW BRUNSWICK—							
Anthracite.....					34,086	20,284	55,270
Bituminous.....		361,184	943,289	1,707	111,817	46,494	1,237,443
Total.....		361,184	943,289	1,707	111,817	81,480	1,292,713
QUEBEC—							
Anthracite.....					1,299,396	6,182	1,305,578
Bituminous.....					4,888,239		5,101,312
Sub-bituminous.....		214,213		1,140			
Total.....		214,213		1,140	6,187,635	6,182	6,406,890
ONTARIO—							
Anthracite.....					2,010,182		2,010,182
Bituminous.....					16,110,322		16,159,892
Sub-bituminous.....		49,697		127			
Lignite.....		217,305		2	216		217,305
Total.....		18,091					18,305
MANITOBA—							
Anthracite.....					6,198		6,198
Bituminous.....					20,397		39,410
Sub-bituminous.....		378,925		912			303,033
Lignite.....		303,033					810,271
Total.....		810,355		84			
Total.....		1,492,313		996	26,595		1,517,912
SASKATCHEWAN—							
Anthracite.....					1		1
Bituminous.....		208,255		738	642		208,159
Sub-bituminous.....		1,067,177					1,067,177
Lignite.....		1,532,995	828,793	15,542	35		688,695
Total.....							1,964,032
ALBERTA—							
Anthracite.....					1		1
Bituminous.....		4,600,597	19,685	1,097,623	584	1,221	3,523,296
Sub-bituminous.....		3,199,554		1,813,042	1,370		1,385,142
Lignite.....			347			17	364
Total.....		7,800,151	20,032	2,910,665	1,954	1,239	4,908,803
BRITISH COLUMBIA—							
Anthracite.....							
Bituminous.....		1,699,768	635,538	194,440	360,856	1,676	6
Sub-bituminous.....			225,527				1,781,692
Lignite.....						199	225,527
Total.....		1,699,768	861,065	194,440	360,856	1,875	6
YUKON—							
Bituminous.....							
Lignite.....							
Total.....							
CANADA—							
Anthracite.....							
Bituminous.....		11,774,164	2,585,389	2,595,389	823,710	21,176,803	28,382
Sub-bituminous.....		3,199,554	1,813,042	1,813,042	1,370		6,32,127,265
Lignite.....		1,532,995	828,793	828,793	15,628		3,198,184
Total.....		16,506,713	5,237,224	5,237,224	840,708	24,560,314	28,384
							40,254,707

\* Direct imports into each province.

Table 21.—Summary Statistics for 1946—Output, Exports, Interprovincial Shipments, Imports\* and Coal made Available for Consumption in Canada, by Provinces

(Short tons)

Province	Canadian coal				Im- ported from U.S.A.	Im- ported from Great Britain	Coal available for con- sumption
	Output	Re- ceived from other prov.	Shipped to other prov.	Ex- ported			
PRINCE EDWARD ISLAND—							
Anthracite.....					6,545		6,545
Bituminous.....		158,167			311		158,478
Total.....		158,167			6,856		165,023
NOVA SCOTIA—							
Anthracite.....					41,617	22,716	64,333
Bituminous.....	5,452,868		1,871,924	307,328	76,852	84	3,350,552
Total.....	5,452,868		1,871,924	307,328	118,469	22,800	3,414,885
NEW BRUNSWICK—							
Anthracite.....					41,464	29,272	70,736
Bituminous.....	370,655	1,086,139	353	135,639	101,134		1,421,936
Total.....	370,655	1,086,139	353	135,639	142,598	29,272	1,402,672
QUEBEC—							
Anthracite.....					1,643,761	49,508	1,683,209
Bituminous.....		627,713			4,929,873		5,556,939
Sub-bituminous.....							
Total.....		627,713			6,573,634	49,508	7,250,208
ONTARIO—							
Anthracite.....					2,792,381		2,792,381
Bituminous.....		178,042			16,872,395		17,050,407
Sub-bituminous.....		196,785					196,785
Lignite.....		20,017			70		20,087
Total.....		394,844			10,664,810		20,059,600
MANITOBA—							
Anthracite.....					11,718		11,718
Bituminous.....		453,515			16,265		468,239
Sub-bituminous.....		378,604					378,604
Lignite.....		851,704			8		851,696
Total.....		1,683,823			549	27,983	1,711,257
SASKATCHEWAN—							
Bituminous.....		244,856			135	686	245,507
Sub-bituminous.....		1,234,050					1,234,050
Lignite.....	1,523,480		871,721	7,480			644,282
Total.....	1,523,480	1,479,006	871,721	7,621	686		2,123,839
ALBERTA—							
Anthracite.....							
Bituminous.....	5,389,418	26,163	1,359,885	798	1,038		4,055,936
Sub-bituminous.....	3,436,993		2,096,625	1,073			1,339,195
Lignite.....					5		6
Total.....	8,826,311	26,163	3,456,510	1,871	1,043		5,395,136
BRITISH COLUMBIA—							
Anthracite.....							
Bituminous.....	1,038,424	602,301	234,834	408,834	1,790		1,688,847
Sub-bituminous.....		287,186					237,186
Lignite.....					97		97
Total.....	1,638,424	979,487	234,834	408,834	2,253		1,976,496
YUKON—							
Bituminous.....							
Lignite.....							
Total.....							
Canada—							
Anthracite.....							
Bituminous.....	12,851,365	3,166,996	3,166,996	853,322	22,000,314	101,196	4,639,348
Sub-bituminous.....	3,436,893	2,096,625	2,096,625	1,073		84	3,357,841
Lignite.....	1,523,480	871,721	871,721	7,494			3,435,820
Total.....	17,811,747	6,135,342	6,135,342	862,489	26,538,338	101,580	43,589,176

\* Direct imports into each province.

Table 22.—Annual Consumption of Coal in Canada, 1902-1946

Calendar year	Canadian*		Imported coal "entered for consumption"						Total	Per capita
			From U.S.A.	From Great Britain	Total†		Total	Per capita		
	Short tons	%	Short tons	Short tons	Short tons	%	Short tons			
1902.....	5,376,413	53.1	4,056,286	101,726	4,734,559	46.9	10,110,972	1,840		
1903.....	6,005,735	47.3	6,520,931	184,593	6,678,450	52.7	12,684,185	2,245		
1904.....	6,697,183	47.9	7,238,809	85,687	7,297,482	52.1	13,994,665	2,402		
1905.....	7,032,661	49.4	7,233,738	68,500	7,215,446	50.6	14,248,107	2,374		
1906.....	7,927,560	50.5	7,787,338	67,014	7,758,325	49.5	15,685,885	2,573		
1907.....	8,617,352	45.0	10,538,607	54,325	10,549,503	55.0	19,166,855	2,990		
1908.....	9,156,478	47.3	10,203,335	97,514	10,195,424	52.7	19,351,902	2,921		
1909.....	8,913,376	47.9	9,805,253	67,671	9,711,826	52.1	18,625,202	2,739		
1910.....	10,532,103	50.2	10,545,451	51,541	10,438,123	49.8	20,970,226	3,001		
1911.....	9,822,749	40.5	14,510,129	48,983	14,424,949	59.5	24,247,668	3,364		
1912.....	12,385,696	46.0	14,557,124	38,668	14,549,104	54.0	26,934,800	3,045		
1913.....	13,450,169	42.6	18,145,760	37,825	18,132,387	57.4	31,582,545	4,138		
1914.....	12,214,403	45.5	14,087,853	33,101	14,637,920	54.5	26,852,323	3,408		
1915.....	11,500,480	48.1	12,450,796	15,098	12,408,212	51.9	23,906,692	2,995		
1916.....	12,348,036	41.3	17,576,202	4,401	17,517,820	58.7	29,865,856	3,733		
1917.....	12,313,603	37.2	20,848,009	9,451	20,810,132	62.8	33,123,735	4,110		
1918.....	13,160,731	37.8	21,674,826	3,761	21,611,101	62.2	34,771,832	4,268		
1919.....	11,611,168	40.3	17,292,913	344	17,236,269	59.7	33,847,437	3,471		
1920.....	14,025,566	42.9	18,752,981	.....	18,668,741	57.1	32,694,307	3,821		
1921.....	12,715,734	41.1	18,300,081	1,591	18,258,387	58.9	30,974,121	3,525		
1922.....	13,044,352	50.2	12,255,555	765,980	12,962,189	49.8	26,006,541	2,915		
1923.....	15,070,962	41.8	20,417,239	572,570	20,967,971	58.2	36,038,933	4,000		
1924.....	12,529,358	42.8	10,405,344	317,112	16,714,143	57.2	29,243,501	3,198		
1925.....	12,125,290	42.6	15,744,957	604,117	16,331,971	57.4	28,457,261	3,082		
1926.....	15,098,296	47.7	16,204,405	287,299	16,565,555	52.3	31,651,851	3,349		
1927.....	15,944,983	46.7	17,266,434	907,220	18,177,303	53.3	34,122,256	3,541		
1928.....	16,487,807	50.0	15,830,658	682,755	16,515,582	50.0	33,003,389	3,356		
1929.....	16,387,461	48.0	15,780,452	843,502	17,724,132	52.0	34,111,593	3,401		
1930.....	14,052,671	43.3	16,971,933	1,144,861	18,412,039	56.7	32,464,710	3,180		
1931.....	11,682,779	47.7	11,793,798	987,442	12,828,327	52.3	24,511,106	2,362		
1932.....	11,212,701	49.0	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	10,808,902	48.5	22,265,235	2,085		
1934.....	13,236,406	51.1	10,580,710	1,981,110	12,651,168	48.9	25,887,574	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	10,801,043	1,498,656	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	2,950		
1941.....	17,227,151	46.2	19,332,479	693,902	20,026,082	53.8	37,253,233	3,238		
1942.....	17,725,781	42.0	24,140,841	388,948	24,529,361	58.0	42,255,122	3,626		
1943.....	16,321,006	87.1	27,303,778	391,475	27,685,098	62.0	44,010,104	3,727		
1944.....	15,660,808	35.7	27,948,008	218,511	28,160,201	64.3	43,827,009	3,859		
1945.....	15,227,819	38.3	24,505,241	28,388	24,521,528	61.7	39,740,347	3,270		
1946.....	16,502,508	30.0	25,639,541	101,580	25,740,704	61.0	42,243,212	3,434		

\*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.

Table 23.—Coke made Available for Consumption in Canada, with the Coal Equivalent of the Imported Coke, 1902-1946

Year	Output	Imports	Exports	Coke made available for consumption	Coal equivalent of imported coke†	
					Tons per capita	
	Tons	Tons	Tons	Tons	Tons	Tons
1902	502,043	266,140	62,568	705,615	409,446	.075
1903	561,318	258,703	32,608	787,413	388,004	.069
1904	554,083	239,310	102,463	690,930	388,169	.063
1905	700,488	470,486	110,071	1,054,903	723,824	.119
1906	782,055	501,942	37,003	1,246,994	772,218	.122
1907	842,003	624,649	70,817	1,396,035	900,997	.147
1908	858,257	426,971	58,708	1,226,520	656,878	.096
1909	862,011	661,425	74,067	1,449,309	1,017,576	.148
1910	902,715	737,088	57,971	1,581,832	1,133,980	.160
1911	935,651	751,389	9,852	1,677,188	1,155,982	.160
1912	1,411,229	628,174	57,744	1,981,639	906,420	.132
1913	1,530,499	723,906	68,235	2,186,170	1,113,700	.147
1914	1,023,860	553,016	67,838	1,509,068	850,839	.110
1915	1,170,473	637,857	35,869	1,772,451	981,317	.126
1916	1,469,741	757,116	48,530	2,178,318	1,164,793	.144
1917	1,215,862	970,106	23,395	2,192,373	1,492,469	.182
1918	1,250,744	1,165,590	29,612	2,386,722	1,793,213	.215
1919	1,675,032	383,374	14,709	2,043,687	589,805	.069
1920	1,708,203	586,406	39,536	2,255,073	902,182	.104
1921	1,463,999	228,030	20,007	1,671,122	350,815	.039
1922	1,232,646	336,270	19,831	1,549,053	517,338	.058
1923	1,668,295	733,014	34,407	2,367,495	1,128,020	.125
1924	1,436,912	521,725	23,144	1,933,483	802,653	.087
1925	1,546,730	852,427	25,578	2,373,588	1,311,405	.141
1926	2,027,058	988,034	41,699	2,973,393	1,520,051	.161
1927	2,026,438	723,235	74,109	2,724,504	1,188,053	.123
1928	2,314,127	1,060,029	25,058	3,319,095	1,620,812	.168
1929	2,677,551	1,228,853	25,208	3,879,226	1,887,464	.193
1930	2,395,894	1,081,040	29,801	3,417,233	1,632,368	.164
1931	1,832,700	733,274	20,905	2,545,019	1,128,113	.109
1932	1,837,701	651,802	15,469	2,274,034	1,002,771	.095
1933	1,772,164	844,075	5,190	2,411,040	990,884	.093
1934	2,243,420	930,221	7,308	3,168,245	1,431,108	.132
1935	2,257,601	532,926	20,649	2,769,881	819,885	.075
1936	2,404,793	612,858	18,215	2,999,436	942,858	.085
1937	2,570,385	417,733	36,959	2,951,159	642,666	.058
1938	2,352,003	414,682	30,537	2,736,148	637,972	.056
1939	2,401,035	435,871	48,114	2,707,852	670,570	.059
1940	3,015,304	719,338	35,523	3,699,209	1,106,670	.097
1941	3,145,716	614,417	40,187	3,719,065	945,257	.082
1942	3,265,549	719,910	44,764	3,940,695	1,107,554	.065
1943	3,551,773	941,066	48,256	4,444,553	1,449,332	.122
1944	4,017,096	813,460	42,588	4,788,568	1,252,728	.104
1945	3,912,320	1,250,548	38,665	5,124,203	1,925,844	.158
1946	3,363,109	909,111	47,434	4,224,786	1,400,031	.113

†The estimated quantity of coal carbonized to produce this coke. \*Prior to 1925 exports of petroleum coke were included.

Table 24.—Canada's Coal Supply and the Coal Equivalent of Other Mineral Fuels and Water Power Used

(Thousands of short tons)

Year	Coal				Coke from coal	Natural Gas (b)	Fuel and Gas Oils and Engine Distillate (c)	Gasoline Sales (d)	Kerosene (e)	Water Power					
	Bituminous		Lignite							Equiv- alent pounds of coal per kilo- watt hour (f)					
	Anthracite Im-ported*	Canadian†	Im-ported‡	Canadian†	Im-ported‡										
1935	3,443	12,386	8,288	920	5	633	996	3,602	3,261	194	16,801	1.46			
1936	3,419	13,502	9,290	1,007	5	642	1,125	3,759	3,565	195	18,210	1.46			
1937	3,488	14,131	10,770	1,042	1	472	1,288	3,940	4,100	167	18,479	1.42			
1938	3,476	12,794	9,095	1,006	3	392	1,338	4,137	4,450	172	18,240	1.40			
1939	4,238	13,957	10,273	946	3	512	1,407	4,539	4,706	223	19,364	1.38			
1940	3,944	15,573	13,089	1,094	2	670	1,649	5,328	5,182	182	19,925	1.34			
1941	3,853	15,821	16,172	1,336	1	660	1,740	5,807	5,424	184	22,025	1.33			
1942	4,912	16,418	19,617	1,307	.....	775	1,828	5,883	5,142	198	26,061	1.30			
1943	4,480	14,654	23,215	1,667	.....	921	1,771	5,901	5,303	239	28,733	1.30			
1944	4,453	14,287	23,713	1,374	.....	813	1,802	6,400	5,644	245	26,942	1.29			
1945	3,413	13,710	21,108	1,518	1	1,24	1,936	6,636	5,416	287	26,362	1.29			
1946	4,631	14,983	21,109	1,520	.....	901	1,916	7,658	6,864	409	.....	.....			

\*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.

## BRIQUETTES

Briquettes are produced in Canada by three plants located in Western Canada, Brazeau Collieries Ltd., Nordegg, Alberta, The Canmore Mines Ltd., Canmore, Alberta and Dominion Briquettes and Chemicals Ltd., Bienfait, Sask.

Figures on imports of briquettes are available only for the years 1945 and 1946 as prior to that time imports of briquettes were included with imports of bituminous coal.

**Table 25.—Production of Briquettes in Canada, by months, 1945 and 1946**

	1945	1946
January.....	29,215	30,280
February.....	27,822	29,441
March.....	20,222	28,982
April.....	28,756	27,216
May.....	27,535	32,631
June.....	27,313	26,235
July.....	21,977	27,632
August.....	24,028	23,811
September.....	22,030	21,518
October.....	13,188	20,723
November.....	29,151	26,262
December.....	24,938	25,972
<b>Total.....</b>	<b>304,175</b>	<b>329,703</b>

**Table 26.—Imports of Briquettes into Canada, by provinces, 1945 and 1946**

	1945	1946
Prince Edward Island.....	502	502
Nova Scotia.....	6,973	6,973
New Brunswick.....	84	687
Quebec.....	20,349	11,727
Central Ontario.....	83,675	96,651
Manitoba and Head of Lakes.....	38,324	67,095
Saskatchewan.....	.....	.....
Alberta.....	.....	.....
British Columbia.....	.....	.....
<b>Canada.....</b>	<b>112,435</b>	<b>182,935</b>

**Table 27.—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 } Maritime Provinces, British Columbia and Alberta.....	13,000	.....
Bituminous, 3rd grade }	11,000 to 12,000	.....
Sub-bituminous—Alberta and British Columbia.....	10,000 to 11,500	.....
Lignite—Domestic—Alberta and British Columbia.....	7,500 to 10,000	.....
Lignite—Saskatchewan.....	6,500 to 7,500	.....
Fuels (1)—		
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	167,000
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 28.—Consumption of Fuel by Locomotives in Freight Service in Canada, 1930-1946  
 (Compiled in the *Transportation Branch*)

Year	Gross Ton Miles	Tons of Fuel Consumed (Freight and Mixed Trains)	Gross Ton Miles per Ton of Fuel*
	(000's omitted)		
1930.	77,579,074	4,848,620	16,007
1931	66,890,820	4,104,608	16,204
1932	58,927,617	3,641,030	16,184
1933	54,352,628	3,394,803	16,011
1934	62,070,905	3,447,166	16,134
1935	63,983,127	3,903,540	16,391
1936	70,218,453	4,151,667	16,913
1937	73,058,630	4,285,395	17,048
1938	70,138,704	4,010,725	17,458
1939	79,391,714	4,371,179	18,163
1940	93,585,791	5,121,671	18,270
1941	119,226,172	6,445,677	18,497
1942	128,438,970	7,060,302	18,192
1943	130,176,913	7,855,328	18,990
1944	145,741,150	7,926,430	18,513
1945	140,977,872	7,525,372	18,733
1946	128,311,938	7,550,484	16,974

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

Table 29.—Annual Consumption of Coal by Railroad Locomotives in Canada, 1930-1946  
 (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	36,292,582	8,358,229	36,325,811
1931	3,336	14,763	6,858,772	29,681,134	6,862,108	29,705,897
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	6,104,367	25,689,597	6,119,997	25,596,299
1935	1,544	6,417	6,144,550	26,333,312	6,116,994	26,339,729
1936	1,700	8,627	6,584,233	28,153,451	6,586,023	28,162,078
1937	1,503	10,604	6,768,955	29,350,076	6,768,455	29,360,680
1938	1,641	12,077	6,366,101	27,940,550	6,307,712	27,932,813
1939	917	6,358	6,866,202	28,950,410	6,867,119	28,956,768
1940		319	2,178	7,817,575	33,385,333	7,917,591
1941				9,536,404	43,131,912	9,536,104
1942				10,613,774	51,780,776	10,613,774
1943				11,987,240	66,102,004	11,957,210
1944				11,992,541	73,771,444	11,992,511
1945				12,083,591	75,285,220	12,083,591
1946				11,631,869	71,944,829	11,631,869

Table 30.—Average Price per Short Ton of Canadian Coal at the Mines, by Grades, for each District and Province, 1946

District	Run-of-Mine		Lump		Egg		Nut		Pea		Slack	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>NOVA SCOTIA—</b>												
Cape Breton.....	7.80	4.31	7.61	5.62			7.28	5.46			6.07	3.92
Cumberland.....	6.04	5.09	6.99	5.74			8.27	7.97			5.00	4.11
Inverness.....	5.94	4.17	6.58	6.06							3.68	3.58
Pictou.....	6.61	6.00	7.84	7.21							5.61	5.50
Average.....	6.76	4.77	7.24	6.14			7.61	6.29			5.11	4.34
<b>NEW BRUNSWICK.....</b>	5.82	5.67	6.51	6.35			5.70	5.70			5.72	5.60
<b>SASKATCHEWAN.....</b>	2.74	2.40	2.72	2.26	2.21	2.06	1.92	1.65	1.85	1.85	1.15	.90
<b>ALBERTA—</b>												
<b>Bituminous—</b>												
Cascade.....	5.32	4.19	7.25	4.21	6.32	4.22	5.82	4.72	5.07	3.72	4.22	3.37
Coalspur.....	4.09	3.33	6.13	4.68	6.29	4.22	4.41	3.52	3.36	2.72	2.07	1.81
Crowsnest.....	4.49	3.84	5.55	4.98			4.34	3.59			3.67	3.17
Halcourt.....	4.50	4.50	6.66	6.16			5.00	4.60			2.50	2.33
Highwood.....												
Lethbridge.....	2.00	1.50	6.55	4.82	5.57	3.80	5.50	3.75	3.95	2.00	1.70	.98
Magrath.....												
Morley.....	3.50	3.60										
Mountain Park.....	4.93	4.54	5.66	4.78			5.05	4.13			4.87	4.03
Nordegg.....	5.30	4.20										
Pekisko.....	3.50	1.85										
Fincher.....	4.50	4.50										
Prairie Creek.....			6.00	6.00								
Saunders.....	6.50	5.35	7.42	6.25	6.12	4.87	4.50	4.25			3.27	2.02
Average bituminous.....	4.67	4.08	6.36	5.29	6.70	4.74	4.01	4.00	3.01	2.04	3.04	2.69
<b>Sub-bituminous—</b>												
Archie.....	3.50	3.12										
Big Valley.....	3.50	3.50	4.87	3.50	4.75	2.00	2.50	1.50	1.75	1.75	.75	.75
Brooks.....	5.00	4.00	5.40	4.50	4.40	4.40	2.50	2.15			1.10	.90
Camrose.....	3.25	2.25	5.02	3.77	3.90	2.90	1.00	1.00	2.02	2.02	.95	.63
Carbon.....	3.95	3.11	5.21	4.40	4.47	4.35	3.46	2.40	3.22	2.57	1.06	.88
Castor.....	3.28	2.93	3.37	2.91	2.50	2.07	2.05	1.80	1.60	1.25	1.35	.30
Champion.....			5.23	4.00			2.41	1.77	1.00	1.00		
Drumheller.....	3.75	3.25	6.15	4.47	5.42	3.85	3.74	2.25	3.00	1.78	1.60	.73
Edmonton.....	3.98	2.31	5.55	3.80	4.25	3.09	2.67	2.11	2.75	2.01	1.97	1.19
Gleichen.....	3.93	3.60	4.82	4.20	1.25	1.25			2.75	2.00	.50	.50
High Prairie.....												
Milk River.....	5.00	4.00										
Pakowki.....												
Pembina.....	4.17	2.30	5.30	3.65	4.40	3.15	3.05	2.30	2.95	2.20	1.65	1.25
Redcliff.....				5.35	4.00						.50	.50
Rochester.....	3.00	2.50	3.95	2.75			2.25	2.00			1.25	1.00
Sheerness.....	2.50	2.02	2.80	2.25			2.25	2.10	2.00	1.00	.75	.75
Taber.....	4.60	3.87	5.53	4.85	4.80	4.15	2.75	2.15	1.90	1.10	.50	.50
Tofield.....	2.41	1.45	2.83	2.18	2.37	2.37	2.05	1.80	1.70	1.55	.75	.60
Wainwright.....												
Westlock.....	4.50	4.00					3.00	2.00			1.50	1.50
Wetaskiwin.....	4.75	4.50							2.50	2.50		
Whitecourt.....	3.50	3.50										
Area not designated.....	2.85	2.85										
Average sub-bituminous.....	3.61	2.85	5.17	3.96	4.31	3.62	3.03	2.10	2.63	1.04	1.38	.82
<b>BRITISH COLUMBIA—</b>												
Crow's Nest Pass.....	4.46	3.97	5.91	4.86			4.84	4.05			4.00	3.32
Inland.....	5.44	4.63	6.95	6.11	6.55	5.30	5.65	4.31			3.00	3.40
Island.....	6.70	6.00	8.28	6.30	4.82	3.42	7.12	5.11	5.47	3.64	4.51	3.21
Average.....	5.75	5.05	7.53	6.10	5.68	4.36	6.33	4.68	5.47	3.04	4.35	3.25

Table 31.—Average value of Coal f.o.b. Mines, together with Labour, Fuel and Electricity Costs per ton Raised, by Provinces and by Districts, in 1945 and 1946

	1945			1946		
	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
	\$	\$	\$	\$	\$	\$
<b>NOVA SCOTIA—(Bituminous)</b>						
Cape Breton	5.495	4.884	.478	5.518	4.655	.441
Cumberland	5.576	4.540	.480	5.784	4.377	.458
Inverness	5.244	5.762	.638	5.629	5.184	.601
Pictou	5.881	5.683	.456	5.944	5.428	.416
<b>Total Nova Scotia</b>	5.545	4.934	.479	5.606	4.706	.444
<b>NEW BRUNSWICK—(Bituminous)</b>						
	5.597	3.833	.302	5.663	3.791	.195
<b>MANITOBA—(Lignite)</b>						
<b>SASKATCHEWAN—(Lignite)</b>						
	1.517	.597	.088	1.660	.542	.100
<b>ALBERTA—</b>						
<b>Bituminous—</b>						
Cascade	3.717	2.245	.373	3.972	2.177	.402
Coalspur	3.459	2.201	.146	3.541	2.013	.120
Crowsnest	3.625	2.349	.138	3.840	2.124	.132
Halcourt	6.424	3.031	.544	5.918	2.286	.241
Hightwood						
Lethbridge	3.786	2.821	.097	4.068	2.660	.096
Magrath						
Morley	3.552	2.114	.080	3.489	2.768	.145
Mountain Park	3.914	1.877	.162	4.157	1.659	.167
Nordegg	4.036	3.068	.223	4.204	3.145	.277
Pekisko	3.992	2.321	.042	4.760	2.227	1.475
Pincher	3.095	1.854	.211	3.336	2.032	.190
Prairie Creek	3.894	2.747	.805	5.766	5.000	
Saunders	5.067	4.360	.385	5.382	4.369	.364
<b>Total Bituminous</b>	3.734	2.353	.160	3.935	2.159	.162
<b>Sub-bituminous—</b>						
Ardley	3.183	.878	.012	3.200	1.663	.014
Big Valley	2.980	2.548	.078	3.185	2.480	.046
Brooks	3.430	.581	.008	3.704	.555	.099
Camrose	2.815	1.645	.061	3.338	1.554	.062
Carbon	3.121	1.759	.093	3.377	1.928	.090
Castor	2.537	1.100	.077	2.782	1.130	.082
Champion	3.216	2.605	.029	3.357	2.558	.075
Drumheller	3.667	2.425	.093	3.937	2.438	.089
Edmonton	2.968	2.136	.079	3.213	2.441	.084
Gleichen	3.804	2.855	.062	4.015	2.994	.094
High Prairie	4.000	2.352				
Milk River	3.310	1.054	.172	4.437	2.518	.196
Pakon						
Pakowki	2.893	1.314		2.772	1.626	
Pembina	2.999	1.965	.128	3.001	2.336	.158
Redcliff	3.571	2.671	.249	4.05%	2.183	.238
Rochester	2.828	1.202	.044	2.956	1.431	.236
Sexsmith						
Sheerness	1.839	.554	.068	1.971	.623	.056
Steveville						
Taber	2.808	.790	.016	3.052	.208	.028
Tofield	2.093	.682	.033	2.176	.670	.047
Wetaskiwin	2.866	.700	.633	3.358	2.102	.138
Wetaskiwin	4.134	2.025		4.185	2.150	
Whitecourt	2.900	2.542		3.458		
<b>Area not designated</b>	2.794	1.785	.053	2.851	5.143	.015
<b>Total Sub-bituminous</b>	3.304	1.923	.075	3.559	1.907	.081
<b>Total Alberta:</b>		2.177	.129	3.785	2.096	.131
<b>BRITISH COLUMBIA—(Bituminous)</b>						
Crow's Nest Pass	3.419	2.080	.176	3.455	2.185	.186
Inland	5.210	3.070	.047	5.121	3.582	.172
Island	5.250	4.137	.168	5.693	4.279	.167
<b>Total British Columbia</b>	4.199	2.894	.171	4.370	3.019	.178
<b>YUKON—(Bituminous)</b>						
<b>Canada</b>	4.094	2.894	.241	4.256	2.882	.239

Table 32.—Employees, Salaries and Wages in the Coal Mines of Canada, by Provinces, 1945 and 1946

Province	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners		Total	Salaries	Wages	Total
	Male	Female	Surface	Under-ground				
1945								
Nova Scotia.....	488	137	1,884	10,503	13,822	1,503,853	23,725,235	25,229,088
New Brunswick.....	43	14	269	508	834	134,066	1,250,684	1,384,750
Saskatchewan.....	42	8	272	243	565	94,036	821,455	915,491
Alberta.....	655	49	2,084	5,488	8,276	1,673,402	15,308,415	16,981,817
British Columbia.....	230	34	573	1,767	2,604	701,192	4,219,627	4,920,819
<b>Canada.....</b>	<b>1,458</b>	<b>242</b>	<b>5,092</b>	<b>18,500</b>	<b>25,301</b>	<b>4,106,549</b>	<b>45,325,416</b>	<b>49,431,965</b>
1946								
Nova Scotia.....	322	47	1,882	10,980	13,231	829,104	24,835,100	25,664,294
New Brunswick.....	39	9	249	517	814	121,804	1,293,539	1,405,343
Saskatchewan.....	42	4	294	146	486	81,733	745,285	827,018
Alberta.....	640	33	2,264	5,626	8,563	1,492,479	17,008,068	18,500,547
British Columbia.....	188	8	539	1,658	2,393	387,603	4,559,170	4,946,773
<b>Canada.....</b>	<b>1,231</b>	<b>101</b>	<b>5,228</b>	<b>18,927</b>	<b>25,487</b>	<b>2,912,813</b>	<b>48,431,162</b>	<b>51,343,975</b>

NOTE.—Data for 1946 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 33.—Employment at Coal Mines in Canada, 1942-1946

	1942	1943	1944	1945	1946
<b>Average number of employees—</b>					
Surface.....	5,536	5,913	6,088	5,901	6,039
Underground.....	19,237	18,953	19,146	19,024	19,448
<b>Total.....</b>	<b>24,773</b>	<b>24,866</b>	<b>25,234</b>	<b>24,925</b>	<b>25,487</b>
<b>Man-days worked—</b>					
Surface.....	1,617,660	1,711,787	1,696,497	1,598,452	1,651,324
Underground.....	5,131,912	4,967,789	4,927,528	4,571,573	4,665,775
<b>Total.....</b>	<b>6,749,572</b>	<b>6,679,556</b>	<b>6,624,025</b>	<b>6,170,025</b>	<b>6,317,099</b>
<b>Average number of man-days worked during year—</b>					
By surface employees.....	292	289	279	271	273
By underground employees.....	267	262	257	240	240
<b>By all employees.....</b>	<b>273</b>	<b>269</b>	<b>263</b>	<b>248</b>	<b>248</b>

Table 34.—Employment at Coal Mines in Canada, by Months and by Provinces, 1942-1946

Month and year	Nova Scotia	New Brunswick	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Canada
January.....								
1942	13,559	1,170	6	865	9,281	2,750	.....	27,631
1943	11,829	967	6	867	9,172	2,730	.....	25,571
1944	12,938	966	.....	933	9,710	3,160	.....	27,707
1945	13,111	897	.....	816	8,932	2,664	.....	26,420
1946	13,075	812	.....	630	9,330	2,549	.....	26,396
February.....								
1942	13,503	1,119	5	806	8,942	2,741	.....	27,116
1943	11,759	968	6	822	9,028	2,735	.....	25,348
1944	12,868	969	.....	830	9,290	3,100	.....	27,057
1945	13,042	898	.....	736	8,767	2,654	.....	26,697
1946	13,110	797	.....	555	9,226	2,545	.....	26,233
March.....								
1942	13,355	1,110	4	653	8,019	2,715	.....	25,856
1943	11,797	1,033	6	734	8,600	2,698	.....	24,858
1944	12,944	984	.....	698	8,540	3,048	.....	26,214
1945	12,940	887	.....	629	8,393	2,619	.....	25,468
1946	13,331	797	.....	516	8,709	2,528	.....	25,881
April.....								
1942	13,376	1,024	.....	480	8,962	2,714	.....	24,556
1943	11,708	869	4	542	7,700	2,630	.....	23,513
1944	12,966	900	.....	568	7,573	2,936	.....	24,943
1945	12,887	859	.....	519	7,765	2,560	.....	24,590
1946	14,360	767	.....	384	8,100	2,398	.....	25,015
May.....								
1942	12,855	992	.....	437	6,578	2,700	.....	23,562
1943	11,678	875	4	507	7,401	2,589	.....	22,954
1944	12,431	946	.....	484	7,582	2,910	.....	21,353
1945	12,831	859	.....	490	7,597	2,535	.....	24,312
1946	13,253	784	.....	371	7,980	2,387	.....	24,775
June.....								
1942	12,734	1,005	.....	451	7,367	2,639	.....	24,196
1943	11,468	937	4	551	7,655	2,629	.....	23,244
1944	12,135	953	.....	469	7,625	2,863	.....	24,045
1945	12,534	840	.....	457	7,588	2,525	.....	23,944
1946	13,265	813	.....	374	8,044	2,347	.....	24,843
July.....								
1942	12,420	983	.....	437	7,738	2,510	.....	24,088
1943	11,513	935	5	601	7,914	2,624	.....	23,592
1944	11,623	977	.....	484	7,683	2,851	.....	23,618
1945	12,386	813	.....	410	7,719	2,494	.....	23,822
1946	13,176	822	.....	337	8,143	2,284	.....	24,762
August.....								
1942	11,880	991	.....	415	7,758	2,371	.....	23,415
1943	11,522	981	.....	611	8,276	2,676	.....	24,066
1944	11,580	890	.....	508	7,879	2,843	.....	24,700
1945	12,321	809	.....	428	7,760	2,481	.....	23,759
1946	13,135	828	.....	413	8,176	2,280	.....	24,832
September.....								
1942	11,634	1,016	1	428	7,757	2,363	.....	23,699
1943	12,143	973	.....	648	8,489	2,788	.....	25,041
1944	12,303	862	.....	539	8,060	2,658	.....	24,422
1945	12,453	776	.....	450	7,811	2,459	.....	23,949
1946	13,325	806	.....	497	8,082	2,224	.....	24,934
October.....								
1942	11,678	1,028	4	496	7,822	2,379	.....	23,467
1943	12,270	992	.....	770	8,912	2,897	.....	25,841
1944	12,425	877	.....	675	8,174	2,019	.....	24,770
1945	12,468	784	.....	579	8,246	2,404	.....	24,481
1946	13,232	834	.....	573	8,482	2,326	.....	25,147
November.....								
1942	11,923	990	7	733	8,651	2,437	.....	24,741
1943	12,488	1,018	.....	1,017	9,398	3,030	.....	26,951
1944	12,867	897	.....	825	8,777	2,623	.....	25,939
1945	13,053	792	.....	630	8,978	2,516	.....	25,869
1946	13,451	851	.....	604	9,137	2,409	.....	26,452
December.....								
1942	11,976	968	7	905	9,105	2,527	.....	25,488
1943	12,688	998	.....	1,006	9,581	2,642	.....	27,315
1944	12,630	860	.....	818	8,980	2,667	.....	25,955
1945	13,109	805	.....	629	9,127	2,521	.....	26,251
1946	13,054	852	.....	594	9,349	2,432	.....	26,281
Average.....								
1942	12,566	1,033	3	592	7,999	2,570	.....	24,763
1943	11,897	964	3	723	8,531	2,748	.....	24,866
1944	12,476	925	.....	655	8,323	2,855	.....	25,234
1945	12,767	834	.....	565	8,223	2,636	.....	24,925
1946	13,231	814	.....	486	8,563	2,393	.....	25,197

Table 35.—Employment and Days' Work Done, by Months, at Coal Mines in Canada, 1946, with Comparative Totals for 1945

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	6,279	20,117	26,396	154,763	433,555	588,348
February.....	6,126	20,107	26,233	137,676	402,422	540,098
March.....	5,896	19,985	25,881	144,270	428,432	572,702
April.....	5,671	19,344	25,015	129,284	300,734	529,018
May.....	5,730	19,045	24,775	137,075	400,469	543,544
June.....	5,844	18,999	24,843	127,980	366,182	494,162
July.....	5,914	18,848	24,762	124,522	316,302	440,814
August.....	5,959	18,873	24,832	138,381	372,250	510,631
September.....	5,983	18,951	24,934	133,663	376,980	510,643
October.....	6,143	19,304	25,447	143,540	412,075	555,615
November.....	6,450	19,903	26,453	142,790	392,742	535,532
December.....	6,468	19,813	26,281	137,380	367,512	504,892
<b>Total for 1946.....</b>				<b>1,651,324</b>	<b>4,665,775</b>	<b>6,317,099</b>
<b>Total for 1945.....</b>				<b>1,598,452</b>	<b>4,571,573</b>	<b>6,170,625</b>

Table 36.—Employment at Coal Mines in Canada, by Classes and by Provinces, 1946 with Comparative Totals for 1945

Classification	Province					Canada		
	Nova Scotia	New Brunswick	Saskatchewan	Alberta	British Columbia	Surface	Under-ground	Total
Administration.....	34	24	11	97	14	179	1	180
Clerks.....	132	17	24	104	33	370		370
Screenmen and loaders.....	616	43	71	716	86	1,435	97	1,532
Foremen and officials.....	918	25	24	658	170	380	1,415	1,795
Stripping shovel operators.....	16	26	12	.....	.....	54		54
Cleaning shovel operators.....	3	6	3	.....	.....	12		12
Hand cutters and helpers.....	371	350	55	1,504	189	2,478	2,478	2,478
Machine cutters and helpers.....	807	65	9	350	215	1,455	1,455	1,455
Machine loaders and helpers.....	2,226	12	21	1,457	543	4,259	4,259	4,259
Horse haulage employees.....	274	3	10	422	73	29	753	782
Mechanical haulage employees.....	1,774	8	33	457	356	168	2,460	2,628
Ventilation employees.....	246	.....	.....	53	22	2	319	321
Roadmakers.....	304	7	18	220	38	16	571	587
Timbermen.....	1,249	11	8	359	114	19	1,722	1,741
Pumpmen.....	89	21	4	40	.....	23	131	154
Loading shovel.....	7	17	13	.....	.....	37		37
Chute loaders.....	33	2	189	21	6	239		245
Engineermen.....	291	11	8	124	21	314	141	455
Firemen.....	90	7	11	109	15	231	1	232
Machinists.....	208	9	8	91	15	308	23	331
Carpenters and masons.....	151	4	5	86	36	270	12	282
Other mechanics.....	383	10	15	183	77	296	372	668
Japanese.....	.....	.....	.....	.....	.....	.....	.....	.....
Chinese.....	.....	.....	.....	.....	39	39		39
Indians.....	.....	.....	.....	.....	1	1		1
All other employees.....	3,035	150	102	1,247	315	1,850	2,999	4,849
<b>Total for 1946.....</b>	<b>13,231</b>	<b>814</b>	<b>486</b>	<b>8,563</b>	<b>2,393</b>	<b>6,039</b>	<b>19,448</b>	<b>25,487</b>
<b>Total for 1945.....</b>	<b>12,767</b>	<b>834</b>	<b>565</b>	<b>8,223</b>	<b>2,536</b>	<b>5,901</b>	<b>19,024</b>	<b>24,925</b>

Table 37.—Average Output of Coal per Man-Day in Canada, by Provinces and by Districts, 1945 and 1946

	1945			1946		
	Number of man-days	Output	Average output per man-day	Number of man-days	Output	Average output per man-day
<b>NOVA SCOTIA—</b>						
Cape Breton.....	2,266,489	3,688,657	1.627	2,355,534	3,945,360	1.483
Cumberland.....	472,336	777,123	1.645	465,724	821,085	1.763
Inverness.....	82,136	91,146	1.109	73,708	94,840	1.286
Pictou.....	415,934	555,689	1.336	416,555	591,577	1.420
Total.....	3,236,895	5,112,615	1.579	3,311,521	5,452,868	1.646
<b>NEW BRUNSWICK.....</b>	210,385	361,184	1.716	208,310	370,655	1.779
<b>MANITOBA.....</b>						
<b>SASKATCHEWAN.....</b>	131,904	1,532,995	11.622	125,927	1,523,489	12.098
<b>ALBERTA—</b>						
Bituminous—						
Cascade.....	75,340	318,036	4.221	80,996	313,608	3.871
Coalspur.....	152,911	617,266	4.036	187,887	832,987	4.433
Crowsnest.....	495,901	1,856,542	3.743	541,349	2,256,744	4.168
Halcourt.....	457	584	1.277	801	1,708	2.132
Highwood.....						
Lethbridge.....	143,536	451,578	3.146	147,777	469,618	3.177
Mountain Park.....	207,530	970,301	4.675	203,433	1,109,565	5.454
Morley.....	456	1,344	2.947	690	1,238	1.794
Nordegg.....	107,378	315,857	2.941	111,589	333,368	2.987
Pekisko.....	919	2,739	2.980	938	1,887	2.011
Pincher.....	257	241	0.937	502	488	0.972
Prairie Creek.....	2,237	6,183	2.763	151	60	0.397
Saunders.....	29,027	59,928	2.064	31,990	68,147	2.136
Total Bituminous.....	1,215,949	4,600,597	3.783	1,308,003	5,389,418	4.120
Sub-bituminous—						
Ardley.....	3,176	14,067	4.429	2,439	12,233	5.015
Big Valley.....	3,195	7,819	2.447	3,672	10,106	2.752
Brooks.....	14,844	220,111	14.828	9,494	130,614	13.757
Camrose.....	21,342	84,837	3.975	21,522	90,775	4.217
Carbon.....	18,453	71,215	3.850	20,157	78,155	3.877
Castor.....	19,764	85,125	4.307	16,681	71,166	4.266
Champion.....	2,671	7,309	2.736	2,505	7,315	2.944
Drumheller.....	474,846	1,722,677	3.621	508,559	1,046,220	3.826
Edmonton.....	118,801	408,304	3.436	131,662	478,677	3.635
Gleichen.....	10,555	18,101	1.714	8,914	16,678	1.870
High Prairie.....	72	85	1.180			
Milk River.....	915	2,323	2.538	581	1,628	2.802
Pakam.....	253	385	1.521	93	123	1.322
Pakowki.....						
Pembina.....	16,197	64,751	3.997	18,085	61,275	3.388
Redcliff.....	3,691	10,630	2.879	3,186	8,427	2.645
Rochester.....	2,001	7,595	3.795	1,344	5,949	4.426
Siksmit.....						
Sheerness.....	5,651	60,223	10.657	6,256	56,209	8.984
Stovaville.....						
Taber.....	26,067	244,204	9.368	16,195	289,871	17.898
Tofield.....	17,371	167,818	9.660	15,997	168,641	10.542
Westlock.....	154	150	0.974	401	907	2.261
Wetaskiwin.....	579	1,595	2.754	438	1,389	3.171
Whitecourt.....	71	118	1.661	57	79	1.385
Area not designated.....	195	112	0.574	200	390	1.950
Total Sub-Bituminous.....	760,864	3,199,554	4.205	788,438	3,436,803	4.359
Total Alberta.....	1,976,813	7,800,151	3.945	2,096,441	8,826,311	4.210
<b>BRITISH COLUMBIA—</b>						
Crow's Nest Pass.....	243,074	974,005	4.007	233,724	966,197	4.133
Inland.....	40,615	101,803	2.506	27,336	59,274	2.168
Island.....	330,339	623,960	1.888	313,840	612,953	1.953
Total.....	614,028	1,699,768	2.768	574,900	1,638,424	2.894
<b>YUKON.....</b>						
Canada.....	6,170,025	16,506,713	2.675	6,317,000	17,811,747	2.819

**Table 38.—Fuel and Electricity Used in the Coal Mining Industry in Canada, by Kinds and by Provinces, 1946**

Province	Coal			Gasoline, kerosene and fuel oil	Elec- tricity purchased	Total value	Electri- city generated for own use
	Bituminous	Sub-bituminous	Lignite				
Tons	Tons	Tons	Imp. Gal.	K.W.H.	\$	K.W.H.	
<b>Nova Scotia—</b>							
Quantity.....	289,407			6,966	110,479,758		20,127,925
Value.....	\$ 1,168,944			1,814	1,251,627	2,422,385	
<b>NEW BRUNSWICK—</b>							
Quantity.....	9,230			40,664	1,462,050		
Value.....	\$ 40,337			7,461	24,786	72,584	
<b>MANITOBA—</b>							
Quantity.....							
Value.....	\$						
<b>SASKATCHEWAN—</b>							
Quantity.....			17,666	217,430	4,016,727		153,466
Value.....	\$		19,234	62,230	70,917	152,381	
<b>ALBERTA—</b>							
Quantity.....	161,000	22,440		360,512	45,701,437		17,712,419
Value.....	\$ 437,945	42,196		93,922	585,518	1,159,626	
<b>BRITISH COLUMBIA—</b>							
Quantity.....	25,772			21,077	21,032,915		19,157,045
Value.....	\$ 90,732			4,930	197,516	293,217	
<b>Canada—</b>							
Quantity.....	485,400	22,440	17,666	616,619	182,692,887		57,150,855
Value.....	\$ 1,737,938	42,196	19,234	170,366	2,130,364	*4,100,193	

\* Includes \$75 worth of other fuel.

**Table 39.—Power Employed in the Coal Mining Industry in Canada, by Provinces, 1946, with Comparative Totals for 1945**

Province	Steam engines and turbines	Internal combustion engines	Hydrau- lic turbines or water wheels	Total primary power	Electric motors run by pur- chased power	Total power em- ployed	Electric motors run by primary power in same plant	Total electric motors	Boilers	Motor- gen- erator sets
<b>Nova Scotia.....</b>	No. H.P.	35 33,815	5 260	40 34,075	944 66,719	984 100,794	88 9,811	1,032 76,630	76 27,461	12 1,415
<b>New Brunswick.....</b>	No. H.P.	5 210	17 584	22 794	337 2,477	359 3,271		337 2,477	5 315	1 10
<b>Manitoba.....</b>	No. H.P.									
<b>Saskatchewan.....</b>	No. H.P.	11 1,005	33 974	44 1,979	392 8,389	436 10,368	35 536	427 8,925	6 1,130	21 2,128
<b>Alberta.....</b>	No. H.P.	92 20,499	192 4,301	284 24,800	1,886 47,289	2,170 72,089	323 7,501	2,209 64,790	103 14,525	58 3,194
<b>British Columbia.....</b>	No. H.P.	17 4,219	30 1,179	2 12,000	49 17,398	214 8,725	263 6,522	58 16,847	22 4,805	
<b>Total for 1946.....</b>	No. H.P.	160 59,748	277 7,298	2 12,000	439 79,046	3,773 133,599	4,212 212,645	504 24,370	4,277 157,969	212 48,326
<b>Total for 1945.....</b>	No. H.P.	168 78,128	267 6,799	2 12,000	437 96,927	3,510 128,121	3,942 225,048	482 23,018	3,882 151,159	190 51,005
										92 6,291

## CHAPTER TWO

## PRINCE EDWARD ISLAND

Table 40.—\*Imports Into Prince Edward Island of Anthracite and Bituminous Coal, by Ports of Entry, 1945 and 1946  
(Short tons)

Port	Source	1945						1946					
		Anthracite				Bitum- inous, all grades	Total coal	Anthracite				Bitum- inous, all grades	Total coal
		Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total			Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total		
Charlottetown	U.S.	2,434	.....	.....	2,434	133	2,567	4,968	.....	95	5,063	223	5,286
	G.B.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Summerside	U.S.	889	.....	.....	889	.....	889	1,482	.....	.....	1,482	88	1,570
	G.B.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	U.S.	3,323	.....	.....	3,323	133	3,456	6,450	.....	95	6,545	311	6,856
	G.B.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand total	.....	3,323	.....	.....	3,323	133	3,456	6,450	.....	95	6,545	311	6,856

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

Table 41.—Summary Statistics for Prince Edward Island in 1946—Exports, Inter-provincial Shipments and Imports, by Months and by Kinds

(Short tons)

Month	Canadian coal received from other provinces	Exported	Imported from U.S.A.	Imported from Great Britain
January—				
Anthracite.....			530	
Bituminous.....			88	
Total.....	11,872			
February—				
Anthracite.....			333	
Bituminous.....				
Total.....	15,601			
March—				
Anthracite.....			592	
Bituminous.....				
Total.....	12,023			
April—				
Anthracite.....			145	
Bituminous.....			84	
Total.....	8,993			
May—				
Anthracite.....			192	
Bituminous.....				
Total.....	10,793			
June—				
Anthracite.....			89	
Bituminous.....				
Total.....	10,800			
July—				
Anthracite.....			94	
Bituminous.....			45	
Total.....	14,170			
August—				
Anthracite.....			571	
Bituminous.....				
Total.....	19,762			
September—				
Anthracite.....			1,905	
Bituminous.....				
Total.....	15,026			
October—				
Anthracite.....			927	
Bituminous.....				
Total.....	22,739			
November—				
Anthracite.....			890	
Bituminous.....			43	
Total.....	8,636			
December—				
Anthracite.....			259	
Bituminous.....			53	
Total.....	7,752			
Total—				
Anthracite.....			6,545	
Bituminous.....			311	
Total.....	158,167			
			6,856	

CHAPTER THREE  
NOVA SCOTIA

Table 42.—Output of Coal from Nova Scotia Mines, 1785-1946

(Short tons)

Calendar year	Output	Value	Calendar year	Output	Value	Calendar year	Output	Value
	\$				\$			\$
1785-1860.....	2,649,416	4,139,714	1893.....	2,444,924	3,820,194	1921.....	5,734,928	27,782,050
1867.....	599,332	931,769	1894.....	2,527,982	3,949,970	1922.....	5,569,072	24,629,921
1868.....	574,106	897,041	1895.....	2,225,145	3,476,790	1923.....	6,597,838	28,170,458
1869.....	647,727	1,012,074	1896.....	2,508,578	3,912,655	1924.....	5,557,441	22,280,554
1870.....	719,211	1,123,767	1897.....	2,493,554	3,896,179	1925.....	3,842,978	15,826,680
1871.....	754,827	1,179,417	1898.....	2,583,180	4,004,970	1926.....	6,747,477	26,845,228
1872.....	1,003,506	1,568,446	1899.....	3,148,822	5,622,898	1927.....	7,071,876	27,194,671
1873.....	1,108,245	1,731,632	1900.....	3,623,536	8,088,250	1928.....	6,743,504	27,427,550
1874.....	972,954	1,520,240	1901.....	4,158,098	6,496,982	1929.....	7,056,133	28,071,956
1875.....	930,013	1,454,084	1902.....	5,161,316	9,216,636	1930.....	6,252,552	24,528,860
1876.....	837,755	1,308,991	1903.....	5,653,338	10,056,246	1931.....	4,955,563	19,016,720
1877.....	880,215	1,375,339	1904.....	5,896,241	9,993,288	1932.....	4,081,581	15,167,793
1878.....	875,994	1,368,741	1905.....	5,845,583	10,083,184	1933.....	4,557,500	15,969,793
1879.....	866,220	1,353,469	1906.....	6,220,505	11,108,044	1934.....	6,341,026	21,860,093
1880.....	1,177,669	1,840,108	1907.....	6,354,133	12,764,999	1935.....	5,822,075	20,391,227
1881.....	1,280,050	2,000,079	1908.....	6,652,532	13,364,476	1936.....	6,649,102	22,973,281
1882.....	1,524,947	2,382,730	1909.....	6,652,089	11,354,643	1937.....	7,256,054	25,640,819
1883.....	1,578,609	2,466,576	1910.....	6,431,142	14,819,708	1938.....	6,236,417	22,523,809
1884.....	1,543,829	2,412,233	1911.....	7,004,420	14,071,379	1939.....	7,051,176	25,611,271
1885.....	1,547,990	2,418,735	1912.....	7,783,888	17,374,750	1940.....	7,848,921	28,768,195
1886.....	1,693,018	2,653,152	1913.....	7,980,073	17,812,603	1941.....	7,387,761	28,446,204
1887.....	1,859,596	2,904,057	1914.....	7,370,924	15,452,955	1942.....	7,204,852	29,116,118
1888.....	1,942,231	3,034,735	1915.....	7,463,376	16,659,308	1943.....	6,103,085	27,121,861
1889.....	1,918,827	2,998,167	1916.....	6,912,140	18,514,662	1944.....	5,745,671	30,728,535
1890.....	2,181,033	3,407,864	1917.....	6,327,091	19,410,737	1945.....	5,112,615	28,350,278
1891.....	2,267,919	3,543,624	1918.....	5,818,562	21,095,470	1946.....	5,452,868	30,573,853
1892.....	2,159,389	3,374,046	1920.....	6,437,156	32,314,523	Total	343,030,689	1,041,649,348

NOTE.—For the years 1919-1946 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 43.—Output of Coal from Nova Scotia Mines, by Months, 1942-1946

(Short tons)

Month	1942	1943	1944	1945	1946
January.....	671,196	532,380	543,519	502,448	473,913
February.....	684,649	532,893	513,357	404,741	455,920
March.....	676,218	603,862	580,186	489,226	515,158
April.....	676,550	544,690	482,975	453,284	493,886
May.....	609,418	481,885	461,699	433,817	400,203
June.....	522,865	466,456	463,403	433,989	402,611
July.....	595,635	482,278	393,320	356,906	318,372
August.....	543,842	460,267	459,462	310,251	398,037
September.....	537,080	454,653	443,730	372,003	449,723
October.....	558,043	495,387	480,837	445,480	500,204
November.....	564,686	537,152	493,792	485,981	495,138
December.....	563,770	508,192	429,391	364,489	450,703
Total.....	7,204,852	6,103,085	5,745,671	5,112,615	5,452,868

Table 44.—Output of Coal by Districts in Nova Scotia, 1942-1946

(Short tons)

District	1942	1943	1944	1945	1946
Cape Breton.....	5,289,250	4,435,018	4,225,683	3,088,657	3,045,366
Cumberland.....	1,123,029	971,206	880,799	777,123	821,085
Inverness.....	120,957	96,085	93,400	91,146	94,840
Pictou.....	671,616	600,776	545,789	555,680	501,577
Total.....	7,204,852	6,103,085	5,745,671	5,112,615	5,452,868

Table 45.—Output of Coal by Principal Collieries in Nova Scotia, 1944-1946  
(Short tons)

Name	Address	1944	1945	1946
<b>CAPE BRETON DISTRICT—</b>				
Bras d'Or Coal Co., Ltd.	Bras d'Or	136,972	144,146	147,394
Dominion Coal Co., Ltd.	Sydney	3,361,043	2,922,676	3,128,088
Indian Cove Coal Co., Ltd.	Sydney Mines	31,375	33,351	43,244
Old Sydney Collieries Ltd.	Trenton	682,847	575,515	623,289
Sullivan Coal Co., Ltd.	Sydney Mines	13,446	12,969	3,351
All other operators.				
Total		4,225,683	3,688,657	3,945,366
<b>CUMBERLAND DISTRICT—</b>				
Cumberland Ry. & Coal Co.	Springhill	505,443	532,162	559,350
Hillerest Mining Co. Ltd.	River Hebert	92,490	88,779	81,543
Joggins Coal Co., Ltd.	Amherst	120,495	104,474	118,037
Standard Coal Co., Ltd.	Amherst	71,085	51,708	58,869
All other operators.		1,276		3,286
Total		880,799	777,123	821,085
<b>INVERNESS DISTRICT—</b>				
Campbell, A. J. and Sons	Inverness	83,536	69,545	8,723
Inverness Coal Mine	Inverness	6,925	9,461	58,283
Margaree Steamship Co.		2,939	12,140	18,335
All other operators.				9,519
Total		93,400	91,146	94,840
<b>PICTOU DISTRICT—</b>				
Acadia Coal Co., Ltd.	Stellarton	353,557	365,310	300,881
Greenwood Coal Co., Ltd.	New Glasgow	31,206	25,729	23,574
Intercolonial Coal Co., Ltd.	Westville	161,026	164,650	175,220
All other operators.				1,922
Total		545,789	555,689	591,577
<b>Total Nova Scotia</b>		<b>5,745,671</b>	<b>5,112,615</b>	<b>5,452,868</b>

Table 46.—Tonnage Lost in Nova Scotia Coal Mines Showing, by Districts, the Relative Percentages Produced and Lost, with an Analysis of the Percentage Lost, 1945 and 1946

District	Per cent produced	Per cent lost	Percentage lost through:				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
Cape Breton	1945	71	29	22.0			0.8
	1946	74	26	18.7	0.1	0.1	0.5
Cumberland	1945	69	31	19.8	0.6	0.5	3.0
	1946	67	33	20.7	0.1		1.3
Inverness	1945	91	9	3.3	0.4	0.4	1.9
	1946	91	9	5.0	0.1	0.3	1.4
Pictou	1945	78	22	18.3	0.3		0.4
	1946	80	20	16.3			0.2
<b>Total</b>		<b>72</b>	<b>29</b>	<b>21.1</b>	<b>0.1</b>	<b>0.1</b>	<b>1.1</b>
							5.6
							6.8

Table 47.—Disposition of Coal from Nova Scotia Mines, 1945 and 1946  
(Short tons)

	1945		1946					Total
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
Supplied to employees for domestic consumption.....	171,091	756,022	149,745	21,596	594	46	171,981	758,289
Coal shipped as per Table 49.....	4,616,827	26,293,712	853,559	1,713,752	143,448	2,218,794	4,929,553	28,441,240
Used under colliery boilers.....	222,011	804,889	5,601	2,703	29,538	175,142	213,075	774,333
Used by companies' railroads.....	33,922	152,089	13,890	3,639	22	16,931	31,482	152,725
Used in shops, etc.....	48,763	274,011	421	716	14,917	24,285	40,339	236,225
Used by harbour tugs and dredges.....	1,683	5,935	1,511	.....	.....	.....	1,511	5,861
Put on bank.....	1,058,147	3,428,875	47,480	48,740	2,035	1,216,672	1,314,936	4,274,822
Put on waste heap.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Total disposition.....</b>	<b>6,152,444</b>	<b>31,765,533</b>	<b>1,072,306</b>	<b>1,791,146</b>	<b>190,555</b>	<b>3,651,870</b>	<b>6,705,877</b>	<b>31,613,395</b>
Lifted from bank.....	1,039,829	3,415,255	34,019	62,269	1,924	1,154,797	1,253,009	4,069,512
Lifted from waste heap.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Total output.....</b>	<b>5,112,615</b>	<b>28,350,278</b>	<b>1,038,287</b>	<b>1,728,877</b>	<b>188,631</b>	<b>2,497,073</b>	<b>5,152,868</b>	<b>30,573,883</b>

Table 48.—Tonnage Put on Bank and Lifted from Bank in Nova Scotia, 1942-1946  
(Short tons)

Month	1942		1943		1944		1945		1946	
	Put on bank	Lifted from bank								
	194,240	79,381	70,401	.....	22,058	.....	40,76	.....	.....	.....
<b>On bank at first of year.....</b>	<b>194,240</b>	<b>79,381</b>	<b>70,401</b>	<b>.....</b>	<b>22,058</b>	<b>.....</b>	<b>40,76</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>
January.....	192,843	87,544	49,538	60,264	104,373	70,193	106,437	83,454	114,756	83,052
February.....	265,066	82,677	118,802	82,774	120,667	74,208	121,749	74,998	118,656	88,385
March.....	253,316	94,542	117,618	67,524	147,273	86,782	112,131	93,595	146,038	110,498
April.....	263,245	87,144	98,557	73,606	94,512	88,015	93,598	102,807	178,331	112,900
May.....	193,163	134,023	45,195	133,864	77,258	189,767	91,939	111,396	160,145	165,534
June.....	73,391	190,041	39,182	111,471	67,780	131,115	87,335	97,467	112,511	149,653
July.....	56,480	296,169	74,061	76,526	75,101	104,834	68,400	75,497	71,372	137,754
August.....	73,269	372,344	81,622	68,155	90,690	89,776	58,632	84,172	48,832	80,254
September.....	81,213	198,300	68,411	60,256	74,077	78,924	69,233	65,110	105,528	64,962
October.....	74,030	121,217	68,175	84,565	82,290	81,956	85,098	78,793	71,958	89,059
November.....	97,242	95,300	95,083	69,226	95,491	79,037	93,024	82,690	88,338	96,301
December.....	102,534	81,260	96,897	67,860	58,869	74,117	70,571	89,850	97,551	74,657
<b>Total.....</b>	<b>1,725,792</b>	<b>1,840,651</b>	<b>953,141</b>	<b>956,121</b>	<b>1,094,381</b>	<b>1,148,724</b>	<b>1,058,147</b>	<b>1,039,829</b>	<b>1,314,936</b>	<b>1,253,009</b>

**Table 49.—Shipments of Coal from Nova Scotia Mines, by Grades and by Destinations 1945 and 1946**

(Short tons)

Destination	1945					1946				
	Run-of mine	Lump	Nut and other grades	Slack	Total	Run-of mine	Lump	Nut and other grades	Slack	Total
Coal supplied for bunkers.....	91,888	13,437	.....	.....	105,325	96,384	17,689	.....	.....	114,073
Coal supplied to railroads—										
In Nova Scotia.....	411,001	89,184	17,497	16,601	534,283	312,353	197,089	11,667	17,561	568,656
In New Brunswick.....	85,200	41,233	561	8,865	135,859	106,729	97,490	1,075	14,354	219,648
In Quebec.....	7,157	2,814	626	106	10,703	10,783	5,345	1,103	647	17,878
In Ontario.....	37	.....	.....	.....	37	.....	.....	.....	.....	.....
In Prince Edward Island.....	15,778	4,001	254	4,034	24,067	18,635	6,870	41	3,588	29,134
Total in Canada.....	519,173	137,232	18,938	29,606	704,949	478,500	306,774	13,886	36,150	835,310
In Newfoundland.....	4,627	50,217	.....	.....	54,844	.....	49,786	.....	11,582	61,368
Nova Scotia Iron and Steel.....	1,406	244,892	.....	915,517	1,161,815	294	203,217	.....	793,639	997,150
Nova Scotia other shipments by land.....	126,021	402,025	69,603	288,742	886,991	117,163	389,107	77,055	273,735	857,060
Nova Scotia by sea.....	1,981	198,171	14,117	76,751	289,020	1,529	153,008	1,191	85,013	240,651
New Brunswick.....	40,459	311,148	14,377	441,446	807,430	55,679	209,836	17,298	523,678	866,491
Newfoundland.....	43,405	177,560	36	49,421	270,422	27,783	152,209	.....	25,866	205,838
Prince Edward Island.....	1,901	80,481	6,279	32,902	121,563	2,338	95,377	6,299	25,010	129,033
Quebec.....	797	38,940	19,151	143,072	201,960	73,512	64,269	27,809	444,027	609,617
Ontario.....	.....	.....	.....	.....	.....	123	.....	.....	.....	123
United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Pierre.....	1,720	7,744	.....	.....	9,464	377	12,357	.....	.....	12,734
Labrador.....	.....	.....	.....	.....	.....	.....	.....	85	.....	85
Lost at Sea.....	.....	.....	.....	3,044	3,044	.....	.....	.....	.....	.....
Total.....	833,378	1,660,447	142,501	1,980,591	4,616,827	853,559	1,713,752	143,448	2,218,794	4,929,553

**Table 50.—Exports of Canadian Coal through Nova Scotia Ports, 1942-1946**

(Short tons)

Port	1942	1943	1944	1945	1946
Halifax.....	48	13	.....	72	3
North Sydney.....	123,446	84,948	137,593	134,882	105,520
Pictou.....	.....	40	259	259	588
Port Hawkesbury.....	279,637	312,742	242,021	212,294	165
Sydney.....	.....	.....	29	29	201,052
Total.....	403,031	392,703	379,654	347,536	307,328

**Table 51.—Imports\* into Nova Scotia of Anthracite and Bituminous Coal, by Ports of Entry, 1945 and 1946**

(Short tons)

Port	Source	1945						1946						Total coal	
		Anthracite				Bitum- inous, all grades	Total coal	Anthracite				Bitum- inous, all grades			
		Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total			Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total				
Annapolis.....	U.S.	247			247	3,028	3,725	423			423			423	
Antigonish.....	U.S.	151			151		161	226			226			226	
Barrington.....															
Passage.....	U.S.	49			49		49	302			302			302	
Bridgewater.....	U.S.	200			299		299	590			590			590	
Canso.....	U.S.							820			820			820	
Digby.....	U.S.	5			5		5	282			282			282	
Halifax.....	U.S.	14,327		1,709	16,126	77,106	93,292	18,389	6,789	24,178	75,792	100,970			
	G.B.	224		1,692	1,916		1,916	22,691	25		22,716	84	22,800		
Kentville.....	U.S.	652			652		652	1,218			1,218			1,218	
Liverpool.....	U.S.	891			891		891	1,202			1,202			1,202	
Lockeport.....	U.S.	283			283		283	412			412			412	
Lunenburg.....	U.S.	2,475		50	2,525		2,525	3,511		182	3,693		3,693		
Middleton.....	U.S.	168			158		158	408			408			408	
North Sydney....	U.S.	175			175		175	47			47			47	
Port Hawkesbury.....	U.S.	436			436		436	103			103			103	
Shelburne.....	U.S.							105			105			105	
Sydney.....	U.S.				27,487		27,487					60		60	
Truro.....	U.S.	150		72	222		222	48			48			48	
Weymouth.....	U.S.	52		53	105		105	204			204			204	
Windsor.....	U.S.	104			104		104	50			50			50	
Yarmouth.....	U.S.	6,290		237	6,527		6,527	7,083		163	7,246			7,246	
<b>Total.....</b>	<b>U.S.</b>	<b>26,744</b>		<b>2,211</b>	<b>28,955</b>	<b>107,681</b>	<b>136,636</b>	<b>35,483</b>		<b>6,134</b>	<b>41,617</b>	<b>76,852</b>	<b>118,469</b>		
	<b>G.B.</b>	<b>224</b>		<b>1,692</b>	<b>1,916</b>		<b>1,916</b>	<b>22,691</b>	<b>25</b>		<b>22,716</b>	<b>84</b>	<b>22,800</b>		
<b>Grand Total.....</b>		<b>26,968</b>		<b>3,903</b>	<b>30,871</b>	<b>107,681</b>	<b>138,552</b>	<b>58,174</b>	<b>25</b>	<b>6,134</b>	<b>64,333</b>	<b>76,936</b>	<b>141,269</b>		

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

Table 52.—Summary Statistics for Nova Scotia in 1946—Output, Exports, Inter-provincial Shipments and Imports, by Months and by Kinds  
(Short tons)

Month	Canadian Coal				Imported from U.S.A.	Imported from Great Britain
	Output	Received from other provinces	Shipped to other provinces	Exported		
January—						
Anthracite.....					2,166	
Bituminous.....	473,913		107,072	14,068	23,141	
Total.....	473,913		107,072	14,068	25,307	
February—						
Anthracite.....					1,420	
Bituminous.....	455,920		98,196	11,573	655	
Total.....	455,920		98,196	11,573	2,075	
March—						
Anthracite.....					2,957	
Bituminous.....	515,158		132,141	11,772	24,342	
Total.....	515,158		132,141	11,772	27,299	
April—						
Anthracite.....					2,667	
Bituminous.....	403,886		148,337	6,147	10,142	
Total.....	403,886		148,337	6,147	12,809	
May—						
Anthracite.....					1,009	
Bituminous.....	499,203		205,322	14,896	8,041	
Total.....	499,203		205,322	14,896	9,050	
June—						
Anthracite.....					1,480	
Bituminous.....	402,611		168,260	45,328		84
Total.....	402,611		168,260	45,328	1,480	84
July—						
Anthracite.....					1,754	25
Bituminous.....	318,372		151,390	17,681		
Total.....	318,372		151,390	17,681	1,754	25
August—						
Anthracite.....					8,736	3,605
Bituminous.....	398,037		227,145	41,819		
Total.....	398,037		227,145	41,819	8,736	3,605
September—						
Anthracite.....					8,512	3,743
Bituminous.....	449,723		165,685	31,871		
Total.....	449,723		165,685	31,871	8,512	3,743
October—						
Anthracite.....					5,120	6,916
Bituminous.....	500,204		223,790	32,248		
Total.....	500,204		223,790	32,248	5,120	6,916
November—						
Anthracite.....					4,007	5,935
Bituminous.....	495,138		153,112	32,163	10,531	
Total.....	495,138		153,112	32,163	14,538	5,935
December—						
Anthracite.....					1,789	2,492
Bituminous.....	450,703		91,474	47,702		
Total.....	450,703		91,474	47,702	1,789	2,492
Total—						
Anthracite.....					41,617	22,716
Bituminous.....	5,432,868		1,871,924	307,328	76,852	84
Total.....	5,432,868		1,871,924	307,328	118,469	22,800

Table 53.—Employees, Salaries and Wages in the Coal Mines of Nova Scotia,  
by Districts, 1945 and 1946

District	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners		Total	Salaries		Wages
	Male	Female	Surface	Under-ground		\$	\$	
1945								
Cape Breton.....	355	103	1,202	7,473	9,133	1,127,377	16,889,324	18,016,701
Cumberland.....	48	16	284	1,052	2,000	135,595	3,393,174	3,528,769
Inverness.....	15	2	91	199	307	40,714	484,533	525,247
Pictou.....	70	16	317	1,179	1,582	200,167	2,558,204	3,158,371
<b>Total</b> .....	<b>488</b>	<b>137</b>	<b>1,894</b>	<b>10,503</b>	<b>13,022</b>	<b>1,503,853</b>	<b>23,725,235</b>	<b>25,229,088</b>
1946								
Cape Breton.....	212	32	1,198	7,887	9,329	544,205	17,822,926	18,367,131
Cumberland.....	34	7	301	1,706	2,048	110,424	3,483,637	3,594,661
Inverness.....	22	1	77	182	282	34,146	457,570	491,716
Pictou.....	54	7	306	1,205	1,572	140,419	3,070,967	3,211,386
<b>Total</b> .....	<b>332</b>	<b>47</b>	<b>1,882</b>	<b>10,980</b>	<b>13,231</b>	<b>829,194</b>	<b>21,835,100</b>	<b>25,664,294</b>

NOTE.—Data for 1946 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 54.—Employment at Coal Mines in Nova Scotia, 1942-1946

	1942	1943	1944	1945	1946
<b>Average number of employees—</b>					
Surface .....	2,116	2,083	2,132	2,088	2,085
Underground.....	10,450	9,814	10,344	10,668	11,146
<b>Total</b> .....	<b>12,566</b>	<b>11,897</b>	<b>12,476</b>	<b>12,767</b>	<b>13,331</b>
<b>Man-days worked—</b>					
Surface .....	623,102	630,386	628,228	587,294	588,886
Underground.....	2,840,780	2,695,247	2,845,384	2,649,601	2,722,835
<b>Total</b> .....	<b>3,463,882</b>	<b>3,325,633</b>	<b>3,473,612</b>	<b>3,236,895</b>	<b>3,311,521</b>
<b>Average number of days worked per man per year—</b>					
By surface employees.....	294	303	295	280	282
By underground employees.....	272	275	275	248	244
<b>By all employees</b> .....	<b>276</b>	<b>279</b>	<b>278</b>	<b>254</b>	<b>250</b>

Table 55.—Employment and Work Done, by Months, at Coal Mines in Nova Scotia  
in 1946

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	2,056	11,019	13,075	50,750	237,551	288,310
February.....	2,059	11,051	13,110	47,722	222,537	270,259
March.....	2,120	11,211	13,331	53,418	250,069	303,487
April.....	2,135	11,225	13,350	50,277	235,939	286,216
May.....	2,105	11,148	13,253	53,033	247,989	301,672
June.....	2,110	11,155	13,265	47,365	214,234	261,599
July.....	2,074	11,102	13,176	40,577	170,138	210,715
August.....	2,037	11,098	13,135	48,196	212,228	260,424
September.....	2,066	11,259	13,325	48,059	230,255	278,314
October.....	2,068	11,164	13,232	51,135	246,926	298,061
November.....	2,001	11,360	13,451	50,710	240,878	291,588
December.....	2,096	10,958	13,054	40,835	214,091	260,926
<b>Total</b> .....				<b>588,686</b>	<b>2,722,835</b>	<b>3,311,521</b>

Table 56.—Number of Man-Days Worked, by Districts, in Nova Scotia, 1945 and 1946

District	1945			1946		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Cape Breton.....	370,709	1,895,690	2,266,489	377,754	1,977,780	2,355,534
Cumberland.....	83,864	388,472	472,336	83,082	382,642	465,724
Inverness.....	30,266	51,870	82,136	24,358	49,350	73,708
Pictou.....	102,365	313,569	415,934	103,492	313,063	416,555
<b>Total</b> .....	<b>587,294</b>	<b>2,649,601</b>	<b>3,236,895</b>	<b>588,686</b>	<b>2,722,835</b>	<b>3,311,521</b>

Table 57.—Employment at Coal Mines in Nova Scotia, by Classes, 1945 and 1946

Classification	1945			1946		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	33	..	33	34	..	34
Foremen and officials.....	81	809	890	80	838	918
Clerks.....	137	..	137	132	..	132
Screencannen and loaders.....	573	..	573	608	8	616
Handcutters and helpers.....	489	489	489	371	..	371
Maelaine cutters and helpers.....	947	..	947	807	..	807
Machine loaders and helpers.....	1,847	..	1,847	2,226	..	2,226
Horse haulage employees.....	2	278	280	274	..	274
Mechanical haulage employees.....	24	1,690	1,714	21	1,753	1,774
Ventilation employees.....	..	230	236	..	246	246
Roadmakers.....	..	297	297	..	304	304
Timbermen.....	..	1,147	1,147	..	1,249	1,249
Pumpmen.....	1	100	101	1	..	89
Chute loaders.....	..	31	31	..	33	33
Engineers.....	167	124	291	160	131	291
Firemen.....	95	..	95	90	..	90
Machinists.....	204	12	216	197	11	208
Carpenters and masons.....	142	6	148	146	5	151
Other mechanics.....	68	281	349	69	314	383
All other employees.....	572	2,374	2,946	547	2,488	3,035
<b>Total</b> .....	<b>2,690</b>	<b>10,668</b>	<b>13,758</b>	<b>2,085</b>	<b>11,146</b>	<b>13,231</b>

## CHAPTER FOUR

## NEW BRUNSWICK

Table 58.—Output of Coal from New Brunswick Mines, 1887-1946

(Short tons)

Calendar year	Output	Value	Calendar year	Output	Value	Calendar year	Output	Value
		\$			\$			\$
1887.....	10,040	23,607	1907.....	34,584	77,814	1927.....	203,950	885,038
1888.....	5,730	11,050	1908.....	60,000	135,000	1928.....	207,738	889,104
1889.....	5,673	11,733	1909.....	49,029	98,496	1929.....	218,706	909,169
1890.....	7,110	13,850	1910.....	55,455	110,910	1930.....	209,349	864,118
1891.....	5,422	11,030	1911.....	55,781	111,562	1931.....	182,181	743,196
1892.....	6,768	9,375	1912.....	44,780	89,560	1932.....	212,695	794,168
1893.....	6,200	9,837	1913.....	70,311	166,637	1933.....	312,303	1,041,744
1894.....	6,468	10,264	1914.....	98,049	241,075	1934.....	314,750	1,026,343
1895.....	9,500	14,250	1915.....	127,391	309,612	1935.....	346,024	1,129,019
1896.....	7,500	11,250	1916.....	143,540	386,016	1936.....	368,615	1,100,032
1897.....	6,000	9,000	1917.....	189,095	708,010	1937.....	384,714	1,180,611
1898.....	6,160	9,240	1918.....	268,212	1,331,710	1938.....	342,238	1,133,346
1899.....	10,528	15,792	1919.....	166,377	735,386	1939.....	468,421	1,566,359
1900.....	10,000	15,000	1920.....	171,610	1,091,440	1940.....	547,064	1,961,863
1901.....	17,630	51,857	1921.....	187,192	920,660	1941.....	523,344	2,021,394
1902.....	18,795	39,180	1922.....	287,513	1,107,643	1942.....	435,203	1,826,403
1903.....	18,000	40,000	1923.....	276,617	1,190,772	1943.....	372,873	1,641,069
1904.....	9,112	18,224	1924.....	217,121	932,185	1944.....	345,123	1,345,277
1905.....	28,400	58,800	1925.....	208,012	815,367	1945.....	361,184	2,021,806
1906.....	34,076	68,152	1926.....	173,111	710,245	Total.....	9,819,026	38,477,529

NOTE.—For the years 1919-1946 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 operators.

Table 59.—Output of Coal from New Brunswick Mines, by Months, 1942-1946  
(Short tons)

Month	1942	1943	1944	1945	1946
January.....	39,918	31,027	26,404	30,917	29,577
February.....	36,449	31,017	25,882	33,247	22,377
March.....	36,339	29,633	29,706	34,989	25,540
April.....	32,384	29,030	23,587	28,024	22,536
May.....	35,079	31,391	23,969	29,230	30,767
June.....	38,064	30,921	25,044	31,727	30,045
July.....	37,132	33,121	30,692	31,376	32,931
August.....	42,440	31,179	26,178	31,160	36,915
September.....	36,976	36,848	33,354	25,646	31,311
October.....	37,254	30,875	32,937	31,424	41,686
November.....	32,884	29,316	31,756	31,855	37,390
December.....	29,634	28,515	28,714	21,589	29,580
Total.....	435,203	372,873	345,123	361,184	370,655

Table 60.—Output of Coal by Principal Collieries in New Brunswick, 1944-1946  
(Short tons)

Name	Address	1944	1945	1946
Avon Coal Co., Ltd.	Saint John	47,466	50,106	50,400
Crawford, E. S. and Sons	Newcastle Creek	3,479	3,346	20,631
Evans, W. B. (Rothwell Coal Co., Ltd.)	Minto	39,693	24,345	33,309
Horgan, Frank J.	Chipman	5,431	3,736	3,820
King, G. II	Chipman	22,270	21,974	17,779
Minto Coal Co., Ltd.	Minto	122,588	147,040	51,641
Miramichi Lumber Co., Ltd.	Minto	40,386	43,602	107,740
Newcastle Coal Co.	Minto	18,951	17,940	27,813
Wolton, Harvey Ltd.	Minto	3,282	3,615	—
Wolton & Henderson Ltd.	Minto	28,088	23,972	26,301
Yeaman's, Roy	Newcastle Bridge	4,389	4,163	3,504
All other operators		9,100	17,345	27,618
<b>Total.</b>		<b>345,123</b>	<b>361,184</b>	<b>370,655</b>

Table 61.—Tonnage Lost in New Brunswick Coal Mines, Showing the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1945 and 1946

Year	Per cent produced	Per cent lost	Percentage lost through:					
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes	
1945	87	13	6.6	0.3	0.4	1.0		4.7
1946	87	13	6.6	0.2	0.1	1.1		5.0

Table 62.—Disposition of Coal from New Brunswick Mines, by Grades, 1945 and 1946  
(Short tons)

	1945		1946					
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
	\$						\$	
Supplied to employees for domestic consumption	4,011	16,381	4,585		47	8	4,640	19,854
Shipped as per Table 63	342,191	1,929,560	187,811	80,403	11,802	70,086	356,102	2,036,966
Used under colliery boilers, etc.	14,565	73,665	6,471				6,471	28,028
Used by companies' railroads	935	5,168	2,759				2,759	12,369
Put on bank	11,154	49,441	2,362	287		235	2,884	15,855
Put on waste heap	309						264	
<b>Total disposition</b>	<b>373,165</b>	<b>2,074,215</b>	<b>203,988</b>	<b>89,690</b>	<b>11,849</b>	<b>76,329</b>	<b>373,120</b>	<b>2,113,612</b>
Lifted from bank	11,981	52,409	1,898	325		242	2,465	13,639
<b>Total output</b>	<b>361,184</b>	<b>2,021,806</b>	<b>202,090</b>	<b>89,365</b>	<b>11,849</b>	<b>76,087</b>	<b>370,655</b>	<b>2,099,373</b>

Table 63.—Shipments of Coal from New Brunswick Mines, by Grades and Destination,  
1945 and 1946  
(Short tons)

Destination	1945					1946				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
New Brunswick.....	121,955	29,539	11,677	78,055	241,228	153,871	34,488	10,575	74,752	273,686
Nova Scotia.....					157					
Prince Edward Island.....	129	28			157					
Quebec.....	1,550				1,550	169	49			218
Ontario.....										135
United States.....	19,525	53		6,192	25,770	33,124				1,334
Railroads—										
In Canada.....	7,441	65,820	227		73,488	647	45,731	1,227		47,605
In United States.....										
Total Railroads.....	7,441	65,820	227		73,488	647	45,731	1,227		47,605
Ships' bunkers.....										
Total.....	150,600	95,440	11,904	84,247	342,191	187,811	80,403	11,802	76,086	356,102

Table 64.—Exports of Canadian Coal through New Brunswick Ports, 1942-1946  
(Short tons)

Port	1942		1943		1944		1945		1946	
Edmundston.....		62,768		65,711		79,040		83,206		98,413
McAdam Junction.....		1,021		7		17				1
Saint John.....										
St. Stephen.....		36,373		30,385		34,070		26,902		30,357
Woodstock.....		1,923		2,088		1,399		1,709		868
Total.....		102,083		98,191		114,526		111,817		135,639

Table 65.—\*Imports into New Brunswick of Anthracite and Bituminous Coal, by Sources and by Ports of Entry, 1945 and 1946  
(Short tons)

Port	Source	1945						1946					
		Anthracite						Anthracite					
		Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total	Bitum- inous, all grades	Total	Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total	Bitum- inous, all grades	Total
Bathurst.....	U.S.....	116			116	46	162	215			215	97	312
Campbellton.....	U.S.....	313			313	2,819	3,132	829			829		829
Chatham.....	U.S.....	49			49		49	47			47		47
Edmundston.....	U.S.....	29		110	139	2	141	102			67	169	303
Fredericton.....	U.S.....	789			789	115	901	1,912			1,912	103	2,015
McAdam Junction.....	U.S.....	350			350		350	273			273		273
Muneton.....	U.S.....	1,180		48	1,228		1,228	1,432			49	1,481	1,481
Newcastle.....	U.S.....												
Sackville.....	U.S.....							93			93		93
St. Andrews.....	U.S.....	872			872	3	875	540			540	13	553
Saint John.....	U.S.....	27,425		1,570	28,995	43,473	72,168	31,123	1,494	32,617	100,467	133,084	
	G.B.....			20,284	20,284		20,281	10,835	18,437	29,272			29,272
St. Stephen.....	U.S.....	1,349		122	1,471	36	1,507	2,713	33	2,746	106	2,852	
Woodstock.....	U.S.....	660		4	664		664	542			542	45	587
Total.....	U.S.....	33,132		1,854	34,986	46,494	81,480	39,821	1,643	41,461	101,134	142,598	
	G.B.....			20,284	20,284		20,284	10,835	18,437	29,272			29,272
Grand total.....		33,132		22,138	55,270	46,494	101,761	60,656		28,080	70,736	101,134	171,870

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

Table 66.—Summary Statistics for New Brunswick in 1946—Output, Exports, Inter-provincial Shipments and Imports, by Months and by Kinds  
(Short tons)

Month	Canadian Coal				Imported from U.S.A.	Imported from Great Britain
	Output	Received from other provinces	Shipped to other provinces	Exported		
January—						
Anthracite.....					3,004	5,285
Bituminous.....	29,577	84,036		4,895	22,152	.....
Total.....	29,577	84,036		4,895	25,156	5,285
February—						
Anthracite.....					3,356	5,182
Bituminous.....	22,377	73,712		7,628	17,337	.....
Total.....	22,377	73,712		7,628	20,693	5,162
March—						
Anthracite.....					4,306	.....
Bituminous.....	25,540	110,747		9,319	25,844	.....
Total.....	25,540	110,747		9,319	30,150	.....
April—						
Anthracite.....					4,337	7,990
Bituminous.....	22,536	127,531		15,110	22,265	.....
Total.....	22,536	127,531		15,110	26,602	7,990
May—						
Anthracite.....					2,223	.....
Bituminous.....	30,767	95,624	353	18,169	6,442	.....
Total.....	30,767	95,624	353	18,169	8,665	.....
June—						
Anthracite.....					2,021	.....
Bituminous.....	30,045	73,758		6,294	32	.....
Total.....	30,045	73,758		6,294	2,053	.....
July—						
Anthracite.....					1,615	.....
Bituminous.....	32,931	56,053		6,431	500	.....
Total.....	32,931	56,053		6,431	2,115	.....
August—						
Anthracite.....					4,213	6,637
Bituminous.....	36,915	92,350		12,982	283	.....
Total.....	36,915	92,350		12,982	4,496	6,637
September—						
Anthracite.....					3,011	.....
Bituminous.....	31,311	94,328		12,404	311	.....
Total.....	31,311	94,328		12,404	3,322	.....
October—						
Anthracite.....					3,812	9
Bituminous.....	41,086	116,873		16,602	194	.....
Total.....	41,686	116,873		16,692	4,006	9
November—						
Anthracite.....					6,697	.....
Bituminous.....	37,390	86,125		13,958	5,601	.....
Total.....	37,390	86,125		13,958	12,298	.....
December—						
Anthracite.....					2,869	4,189
Bituminous.....	29,580	74,993		11,757	173	.....
Total.....	29,580	74,993		11,757	3,042	4,189
Total—						
Anthracite.....					41,464	29,273
Bituminous.....	370,655	1,086,139	353	135,639	101,134	.....
Total.....	370,655	1,686,139	353	135,639	142,598	29,272

Table 67.—Employees, Salaries and Wages in the Coal Mines of New Brunswick, 1945 and 1946

—	1945	1946
Number of salaried employees—		
Male.....	43	39
Female.....	14	9
Number of daily wage-earners—		
Surface.....	269	249
Underground.....	508	517
Total.....	834	814
Salaries and wages—		
Salaries.....	\$ 134,066	\$ 121,804
Wages.....	\$ 1,250,684	\$ 1,283,530
Total.....	\$ 1,384,750	\$ 1,405,343

Table 68.—Employment at Coal Mines in New Brunswick, 1942-1946

—	1942	1943	1944	1945	1946
Average number of employees—					
Surface.....	319	328	304	324	295
Underground.....	714	636	621	510	519
Total.....	1,033	964	925	834	814
Man-days worked—					
Surface.....	77,950	81,447	78,198	85,820	80,147
Underground.....	193,022	170,481	157,261	124,456	128,163
Total.....	270,972	251,928	235,459	210,385	208,310
Average number of days worked per man per year—					
By surface employees.....	244	248	257	265	272
By underground employees.....	269	268	253	244	247
By all employees.....	262	261	255	252	256

Table 69.—Employment and Work Done, by Months, at Coal Mines in New Brunswick, 1946

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	297	515	812	6,812	11,725	18,537
February.....	253	544	797	4,975	10,938	15,913
March.....	236	561	797	5,030	12,177	17,207
April.....	226	541	767	4,631	10,064	15,595
May.....	275	509	784	6,212	11,448	17,660
June.....	305	508	813	6,145	10,325	16,470
July.....	311	511	822	6,880	10,303	17,183
August.....	359	469	828	5,939	9,088	15,027
September.....	332	474	806	5,031	9,042	17,673
October.....	336	408	834	5,585	10,975	19,560
November.....	295	556	851	7,180	10,545	17,725
December.....	309	543	852	6,727	10,033	16,760
Total.....				80,147	128,163	208,310

Table 70.—Employment at Coal Mines in New Brunswick, by Classes, 1945 and 1946

Classification	1945			1946		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	29	9	29	24	8	24
Foremen and officials.....	24	33	57	17	8	25
Clerks.....	19	19	38	17	11	28
Screenmen and loaders.....	36	36	72	32	11	43
Hand cutters and helpers.....	397	397	397	359	359	359
Machine cutters and helpers.....	12	12	24	65	65	65
Machine loaders and helpers.....	23	23	46	12	12	12
Stripping shovel operators.....	14	14	28	16	16	16
Loading shovel.....	8	8	16	7	7	7
Cleaning shovel.....	2	2	4	3	3	3
Chute loaders.....	2	2	4	2	2	2
Horse haulage employees.....	2	2	4	3	3	3
Mechanical haulage employees.....	3	4	7	3	5	8
Ventilation employees.....	1	1	1			
Roadmakers.....	1	3	4	4	3	7
Timbermen.....	4	4	8	6	5	11
Pumpmen.....	10	10	20	13	8	21
Enginemen.....	7	4	11	8	3	11
Firemen.....	10	10	20	7	7	7
Machinists.....	10	10	20	9	9	9
Carpenters and masons.....	9	9	18	4	4	4
Other mechanics.....	7	2	9	9	1	10
All other employees.....	127	41	168	111	39	150
<b>Total.....</b>	<b>324</b>	<b>510</b>	<b>834</b>	<b>295</b>	<b>519</b>	<b>814</b>

## CHAPTER FIVE

## QUEBEC

Table 71.—Tonnage of Coal Retained in Quebec for Consumption 1942–1946

(Short tons)

	1942	1943	1944	1945	1946
<b>ANTHRACITE—</b>					
From—Great Britain.....	*161,085	*189,660	84,110	*509	*42,625
United States.....	1,572,962	1,499,755	1,573,375	1,299,396	1,643,761
Total.....	<b>1,734,047</b>	<b>1,689,411</b>	<b>1,657,491</b>	<b>1,299,395</b>	<b>1,686,386</b>
<b>BITUMINOUS—</b>					
From—Great Britain.....	364				
United States.....	5,252,843	6,333,564	6,082,306	5,388,133	5,315,289
Total Imported.....	<b>5,253,207</b>	<b>6,333,564</b>	<b>6,082,306</b>	<b>5,386,133</b>	<b>5,315,289</b>
Nova Scotia (including coal for railroads).....	1,635,143	878,489	485,159	212,663	627,495
New Brunswick.....	6,384	5,914	2,473	1,550	218
Total Canadian.....	<b>1,641,527</b>	<b>684,403</b>	<b>487,632</b>	<b>214,213</b>	<b>627,713</b>

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

NOTE:—Bituminous coal imported from United States as shown above for 1946 includes 529,768 tons received in Quebec via Ontario ports.

Deductions have been made for coal imported into Quebec and shipped to Ontario as follows:—Anthracite coal from Great Britain 7,518 tons; bituminous coal from United States 78,640 tons. Quebec also shipped 57,096 tons of bituminous coal to New Brunswick. Re-export 7,816 tons.

Table 72.—Exports of Canadian Coal through Quebec Ports, 1942–1946

(Short tons)

Port	1942	1943	1944	1945	1946
Chicoutimi.....				10	
Coaticook.....	270	25	278	967	238
Huntingdon.....	71	1	70	32	116
Lacolle.....	12				147
Lake Megantic.....	40		34	49	9
Montreal.....		10			1
Quebec.....		839		1	
Rock Island.....	3	6	2		135
St. Armand.....				81	1
St. Johns.....			26		
Button.....					
Total.....	<b>396</b>	<b>881</b>	<b>410</b>	<b>1,140</b>	<b>612</b>

Table 73.—\*Imports into Quebec of Anthracite and Bituminous Coal, by Ports of Entry,  
1945 and 1946

(Short tons)

Port	Source	1945						1946					
		Anthracite						Anthracite					
		Grate, egg, stove, nut, doubles, cobbles, and trebles	Screen- ings or dust	Peas, beans, and smal- ler sizes n.o.p.	Total	Bitum- inous, all grades	Total	Grate, egg, stove, nut, doubles, cobbles, and trebles	Screen- ings or dust	Peas, beans, and smal- ler sizes n.o.p.	Total	Bitum- inous, all grades	Total
Amos	U.S.					1,360	1,360	110		55	165		165
Atholstan	U.S.												
Chicoutimi	U.S.	4,074		6,667	10,741	32,738	43,479	4,826		7,732	12,558	82,630	95,188
G.B.													
Coaticook	U.S.	60		1,274	1,334	164	1,498	197		844	1,041	87	1,128
Drummond- ville	U.S.	297	907	1,164	2,368	557	2,925	449		974	1,423	1,008	2,431
Farnham	U.S.	1,247	14,511	718	16,476	202,835	219,311	1,133	14,459	451	16,043	177,587	193,730
Gaspé	U.S.												
Granby	U.S.	545		756	1,301	1,084	2,383	534		862	1,390	239	1,635
Hull	U.S.	2,474		921	3,395	750	4,145	3,183	1	1,120	4,304	3,162	7,466
Huntingdon	U.S.	149,742	40,101	846	341,037	207,083	548,726	206,875	1,919	207,574	506,368	153,016	659,384
Lacolle	U.S.	512,033	3,221	222,735	737,989	1,233,128	1,971,117	667,986	5,578	279,576	953,140	1,541,310	2,494,450
Lake Megantic	U.S.	39		36	75	174	249	55		62	117	314	431
Montreal	U.S.	11,480	147	81,331	92,958	2,483,094	2,576,652	13,576	635	48,197	32,408	2,344,180	2,406,588
G.B.				6,182		6,182			11,419	29,571		40,900	40,900
Paspébiac	U.S.												
Quebec	U.S.	4,131		46,059	50,190	292,243	312,433	828		36,453	37,281	223,125	260,106
G.B.										2,615	5,903	8,518	8,518
Rimouski	U.S.	98		310	408	13,141	13,549	52		615	667	26,913	27,580
G.B.													
Rock Island	U.S.	1,413		432	1,845	764	2,609	2,036		473	3,109	2,057	5,166
St. Armand	U.S.	128			128	1,089	1,217	54			54	1,164	1,218
St. Hy- acinthe	U.S.	41		52	93	1,259	1,352	112		194	306	1,365	1,671
St. Johns	U.S.	1,040		157	1,197	1,120	2,317	849		356	1,205	1,016	2,221
Shawinigan Falls	U.S.			431	431	35,582	36,013	48		277	325	41,473	41,798
G.B.													
Sherbrooke	U.S.	6,793		25,815	32,008	6,580	39,197	7,339		30,508	37,847	5,408	43,255
Sorel	U.S.			63	53	44,648	44,701					31,125	31,125
G.B.													
Sutton	U.S.	100		156	316		316	177			177		177
Three Rivers	U.S.	780		684	1,444	306,159	387,683	300		402	702	270,089	270,791
G.B.													
Valleyfield	U.S.	1,662		408	2,070	22,078	24,149	2,311		196	2,507	22,497	25,004
Victoriaville	U.S.	102		237	339		338	349		194	540		540
Total	U.S.	698,339	18,835	582,272	1,299,396	4,888,239	6,187,635	914,053	22,592	707,116	1,613,761	4,929,873	6,573,634
	G.B.			6,182	6,182		6,182			14,031	35,471	49,508	49,508
Grand Total		608,339	18,835	588,404	1,305,578	4,888,239	6,193,817	914,053	36,626	742,590	1,693,269	4,929,873	6,623,142

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

**Table 74.—Summary Statistics for Quebec in 1946—Exports, Interprovincial Shipments and Imports\*, by Months and by Kinds**

(Short tons)

Month	Canadian coal		Imported from U.S.A.	Imported from Great Britain
	†Received from other provinces	Exported		
January—				
Anthracite.....			3,004	5,285
Bituminous.....	11,164	4,895	22,152	.....
Total.....	11,164	4,895	25,156	5,285
February—				
Anthracite.....			3,356	5,162
Bituminous.....	8,883	7,628	17,337	.....
Total.....	8,883	7,628	20,693	5,162
March—				
Anthracite.....			4,306	.....
Bituminous.....	9,371	9,319	25,844	.....
Total.....	9,371	9,319	30,150	.....
April—				
Anthracite.....			4,337	7,990
Bituminous.....	11,813	15,110	22,265	.....
Total.....	11,813	15,110	26,602	7,990
May—				
Anthracite.....			2,223	.....
Bituminous.....	99,036	18,189	6,442	.....
Total.....	99,036	18,189	8,665	.....
June—				
Anthracite.....			2,021	.....
Bituminous.....	83,066	6,294	32	.....
Total.....	83,066	6,294	2,053	.....
July—				
Anthracite.....			1,615	.....
Bituminous.....	81,167	6,431	500	.....
Total.....	81,167	6,431	2,115	.....
August—				
Anthracite.....			4,213	6,637
Bituminous.....	115,024	12,982	283	.....
Total.....	115,024	12,982	4,496	6,637
September—				
Anthracite.....			3,011	.....
Bituminous.....	58,331	12,404	311	.....
Total.....	58,331	12,404	3,322	.....
October—				
Anthracite.....			3,812	9
Bituminous.....	84,178	16,692	194	.....
Total.....	84,178	16,692	4,006	9
November—				
Anthracite.....			6,697	.....
Bituminous.....	58,351	13,958	5,601	.....
Total.....	58,351	13,958	12,298	.....
December—				
Anthracite.....			2,869	4,189
Bituminous.....	8,729	11,757	173	.....
Total.....	8,729	11,757	3,042	4,189
Total—				
Anthracite.....			41,464	29,272
Bituminous.....	627,713	135,639	101,134	.....
Total.....	627,713	135,639	142,598	29,272

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

CHAPTER SIX  
ONTARIO

**Table 75.—Tonnage of Coal Retained in Ontario for Consumption, 1942-1946**  
(Short tons)

	1942	1943	1944	1945	1946
<b>ANTHRACITE—</b>					
From—Great Britain, imported direct.....	27,401	16,046	10,676	.....	.....
Great Britain, received ex-Montreal*.....	40,814	33,246	18,658	6,104	7,516
United States, imported direct.....	2,775,025	2,483,459	2,518,343	2,002,653	2,778,656
<b>Total</b> .....	<b>2,843,340</b>	<b>2,532,759</b>	<b>2,545,677</b>	<b>2,008,757</b>	<b>2,786,172</b>
<b>BITUMINOUS—</b>					
From—Great Britain, imported direct.....	.....	.....	.....	.....	.....
Great Britain, received ex-Montreal.....	.....	.....	.....	.....	.....
United States.....	15,227,916	16,944,590	17,190,861	14,665,315	15,697,704
Nova Scotia, received ex-mines.....	182	.....	.....	37	123
Nova Scotia, received ex-Montreal.....	28,977	.....	.....	.....	.....
New Brunswick, received ex-mines.....	110	.....	.....	.....	135
Alberta (including sub-bituminous).....	230,991	1,190	9,997	286,357	353,397
British Columbia.....	46,634	.....	.....	608	21,172
<b>Total</b> .....	<b>15,532,810</b>	<b>16,945,780</b>	<b>17,200,858</b>	<b>14,932,317</b>	<b>16,072,531</b>
<b>LIGNITE—</b>					
From—Saskatchewan.....	13,404	14,601	16,624	18,091	20,017
<b>Total</b> .....	<b>13,404</b>	<b>14,601</b>	<b>16,624</b>	<b>18,091</b>	<b>20,017</b>

\* Includes a small quantity received ex-Saint John, New Brunswick, for years 1943 and 1945.

Note.—Bituminous coal imported from United States as shown above, for 1946, includes 78,640 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 1946 are as follows:—

	Short tons
Anthracite—to Manitoba.....	13,725
Bituminous—to New Brunswick.....	827
Quebec.....	528,768
Manitoba.....	624,832
Saskatchewan.....	67,290
Re-export.....	31,575

**Table 76.—Exports of Canadian Coal through Ontario Ports, 1942-1946**  
(Short tons)

Port	1942	1943	1944	1945	1946
Fort Erie.....	66	187	585	.....	.....
Fort Frances.....	19	43	.....	.....	120
Windsor.....	.....	.....	.....	.....	.....
<b>Total</b> .....	<b>76</b>	<b>230</b>	<b>585</b>	<b>120</b>	<b>.....</b>

Table 77.—\*Imports into Ontario of Anthracite and Bituminous Coal, by Ports of Entry, 1945 and 1946

(Short tons)

Port	Source	1945			1946			Bituminous, all grades	Total		
		Anthra-	Bitum-	Total	Anthracite						
					Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.				
<b>CENTRAL ONTARIO—</b>											
Amherstburg.....	U.S.	10,878	148,630	159,508	15,708	2	276	15,986	100,734		
Belleview.....	U.S.	10,661	85,122	101,783	19,806	1,852	21,558	86,427	107,985		
Bowmanville.....	U.S.	3,727	2,136	5,863	3,335	200	3,535	1,888	5,423		
Brantford.....	U.S.	32,002	47,055	79,657	36,385	4,511	40,896	44,214	84,110		
Brockville.....	U.S.	13,283	22,473	35,756	18,213	2,442	20,655	26,450	47,105		
Chatham.....	U.S.	8,967	513,234	522,201	11,789	37	695	12,501	460,182		
Cobourg.....	U.S.	3,737	512,533	516,300	4,899	498	5,397	452,504	157,901		
Collingwood.....	U.S.	4,428	12,009	16,435	4,700	814	5,514	8,454	13,378		
Cornwall.....	U.S.	25,507	84,474	109,981	18,865	6,308	25,173	89,434	111,607		
Fort Erie.....	U.S.	109,395	258,747	428,142	203,894	40,061	309,945	352,533	662,478		
Galt.....	U.S.	19,690	27,633	47,323	21,175	2,217	23,392	28,637	52,029		
Gananoque.....	U.S.	4,048	7,550	11,598	2,840	2,840	7,441	10,581			
Goderich.....	U.S.	6,657	31,407	38,151	8,901	160	9,061	43,658	52,719		
Guelph.....	U.S.	21,732	43,140	64,872	25,410	2,688	28,107	45,202	73,309		
Hamilton.....	U.S.	118,580	1,610,842	1,729,422	131,269	128	26,443	157,840	1,809,850		
Ingersoll.....	U.S.	4,920	6,796	11,725	5,856	695	6,550	8,886	15,116		
Kenora.....	U.S.										
Kingston.....	U.S.	37,621	84,549	122,176	42,001	5,034	47,035	88,475	135,510		
Kitchener.....	U.S.	20,757	95,174	121,931	37,796	219	3,262	41,277	97,615		
Lansdowne.....	U.S.	6		6							
Lindsay.....	U.S.	5,524	5,880	11,401	6,428	506	6,934	6,270	13,204		
London.....	U.S.	36,448	24,897	61,345	48,750	6,231	54,981	30,046	56,627		
Midland.....	U.S.	3,234	408,231	411,163	3,210	6,329	367	9,906	324,787		
Morrisburg.....	U.S.	1,988	1,530	3,518	2,216	2,216	6,402	8,618			
Napanee.....	U.S.	2,402	19,453	21,858	2,169	36	52	2,257	20,840		
†Niagara Falls.....	U.S.	239,774	665,267	905,011	261,370	47	23,600	285,077	507,532		
North Bay.....	U.S.	5,521	23,301	28,822	7,145	592	7,737	35,508	13,215		
Orillia.....	U.S.	5,190	6,004	11,191	5,973	1,099	7,072	5,280	12,352		
Oshawa.....	U.S.	18,522	83,396	101,918	21,021	1,640	22,661	89,200	111,861		
Ottawa.....	U.S.	94,358	64,146	158,501	82,377	304	45,195	127,876	57,535		
Owen Sound.....	U.S.	4,832	24,033	29,765	4,401	399	4,800	30,188	34,988		
Paris.....	U.S.	6,114	7,401	13,515	8,488	627	9,115	7,019	16,134		
Parry Sound.....	U.S.	1,661	461,843	463,501	2,047	121	2,168	486,350	488,518		
Peterborough.....	U.S.	15,820	13,317	29,247	20,018	1,260	21,287	20,013	42,200		
Picton.....	U.S.	4,851	13,258	18,109	5,035	219	5,254	14,169	19,123		
Pineo River.....	U.S.		6	6							
Port Hope.....	U.S.	5,458	17,831	23,319	6,247	387	6,634	29,691	36,325		
Prescott.....	U.S.	22,543	753,539	776,082	21,453	10,471	31,924	736,310	768,234		
St. Catharines.....	U.S.	24,547	60,994	85,541	28,311	3,293	31,604	45,180	76,784		
St. Thomas.....	U.S.	12,484	205,504	217,998	17,933	1	943	18,877	198,052		
Sarnia.....	U.S.	3,063	1,383,318	1,386,381	3,975	5,172	9,147	1,432,875	1,442,022		
Sault Ste. Marie.....	U.S.	3,457	2,486,245	2,489,702	6,004	160	6,104	2,760,109	2,766,273		
Simcoe.....	U.S.	5,068	23,306	28,374	5,746	292	6,038	24,309	30,347		
Stratford.....	U.S.	31,549	32,815	64,364	37,972	5,692	43,664	33,312	76,976		
Sudbury.....	U.S.	8,190	11,357	19,547	9,510	1,107	10,617	14,289	24,906		
Thorold.....	U.S.	7,597	186,614	193,611	9,068	2,042	522	12,257	201,387		
Tillsonburg.....	U.S.	3,226	381,212	384,438	5,333	341	5,674	283,039	288,713		
Toronto.....	U.S.	772,985	1,744,673	2,517,658	945,429	249	152,546	1,098,224	1,656,290		
	G.B.										
Toronto West.....	U.S.	14,376	19,231	33,607	15,210	2	737	15,949	12,049		
Trenton.....	U.S.	3,553	40,584	41,137	3,761	158	3,919	42,621	46,540		
Walkerville.....	U.S.	10,308	117,724	128,092	13,918	442	14,360	120,571	131,931		
Wallaceburg.....	U.S.	1,352	9,754	11,106	2,077	157	2,234	2,587	4,621		
Welland.....	U.S.	61,942	277,737	339,679	38,575	205	18,018	56,708	302,456		
Whitby.....	U.S.										
Windsor.....	U.S.	30,821	1,062,077	1,062,898	38,609	4,068	42,677	963,824	1,006,501		
Woodstock.....	U.S.	9,157	15,987	25,141	11,525	1,608	13,133	18,514	31,647		
<b>TOTAL FOR CENTRAL ONTARIO.....</b>	<b>U.S.</b>	<b>2,007,268</b>	<b>14,236,472</b>	<b>16,243,880</b>	<b>2,373,949</b>	<b>16,201</b>	<b>392,347</b>	<b>2,776,197</b>	<b>14,272,178</b>		
	G.B.										
<b>HEAD OF LAKES—</b>											
Fort Frances.....	U.S.	42	290,850	290,898	45	468	513	322,295	322,808		
Fort William.....	U.S.	2,932	1,320,728	1,323,660	6,535	6,859	13,394	1,946,218	1,959,612		
Port Arthur.....	U.S.		262,266	262,266	1,977		1,977	331,074	333,631		
<b>TOTAL HEAD OF LAKES U.S.</b>	<b>2,974</b>	<b>1,873,850</b>	<b>1,876,824</b>	<b>8,557</b>	<b>468</b>	<b>6,859</b>	<b>13,884</b>	<b>2,600,187</b>	<b>2,616,071</b>		
<b>Total for Ontario.....</b>	<b>U.S.</b>	<b>2,910,182</b>	<b>16,110,322</b>	<b>18,120,504</b>	<b>2,382,506</b>	<b>16,669</b>	<b>399,206</b>	<b>2,792,381</b>	<b>16,872,365</b>		
	G.B.										
<b>Grand total.....</b>	<b>U.S.</b>	<b>2,910,182</b>	<b>16,110,322</b>	<b>18,120,504</b>	<b>2,382,506</b>	<b>16,669</b>	<b>399,206</b>	<b>2,792,381</b>	<b>16,872,365</b>		
	G.B.										

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

† In addition to imports shown in this table some lignite coal was imported at Niagara Falls amounting to 216 tons in 1945 and 70 tons in 1946.

Table 78.—Summary Statistics for Ontario in 1946—Interprovincial Shipments, Exports, Imports and Coal made Available for Consumption, by Months and by Kinds  
(Short tons)

Month	Canadian Coal			Imported from U.S.A.	Coal Available for consumption		
	Received from other Provinces	Exported					
	Total Ontario	Central Ontario	Head of Lakes				
January—							
Anthracite.....				170,964	170,964		
Bituminous.....	1,388			517,300	567,550		
Sub-bituminous.....	36,157				36,157		
Lignite.....	1,853				1,853		
Total.....	39,398			689,264	766,524		
February—							
Anthracite.....				160,231	160,231		
Bituminous.....	2,101			632,027	653,538		
Sub-bituminous.....	29,385				29,385		
Lignite.....	1,375			70	1,445		
Total.....	32,861			801,328	853,599		
March—							
Anthracite.....				192,532	192,532		
Bituminous.....	4,130			647,403	674,135		
Sub-bituminous.....	17,958				17,958		
Lignite.....	1,821				1,821		
Total.....	23,909			839,935	886,446		
April—							
Anthracite.....				211,044	211,044		
Bituminous.....	1,175			668,243	698,483		
Sub-bituminous.....	10,275				10,275		
Lignite.....	1,300				1,300		
Total.....	12,750			880,187	922,002		
May—							
Anthracite.....				188,420	188,420		
Bituminous.....	21,593			131,870	178,275		
Sub-bituminous.....	10,842				19,842		
Lignite.....	1,002				1,002		
Total.....	33,437			320,290	378,539		
June—							
Anthracite.....				119,087	119,087		
Bituminous.....	37,712			1,062,167	1,160,320		
Sub-bituminous.....	8,002				8,002		
Lignite.....	1,216				1,216		
Total.....	46,930			1,181,254	1,288,625		
July—							
Anthracite.....				218,249	218,717		
Bituminous.....	35,990			1,066,262	2,314,308		
Sub-bituminous.....	14,283				14,283		
Lignite.....	1,085				1,085		
Total.....	51,334			2,214,541	2,582,393		
August—							
Anthracite.....				320,125	320,125		
Bituminous.....	29,904			1,986,213	2,465,573		
Sub-bituminous.....	14,626				14,626		
Lignite.....	1,304				1,304		
Total.....	45,834			2,306,338	2,801,028		
September—							
Anthracite.....				318,800	318,800		
Bituminous.....	13,357			1,960,539	2,303,786		
Sub-bituminous.....	14,867				14,867		
Lignite.....	1,600				1,600		
Total.....	29,824			2,279,339	2,639,033		

**Table 78.—Summary Statistics for Ontario in 1946—Interprovincial Shipments, Exports, Imports and Coal made Available for Consumption, by Months and by Kinds—Concluded**

(Short tons)

Month	Canadian Coal			Imported from U.S.A.		Coal Available for consumption	
	Received from other Provinces	Exported					
	Total Ontario	Central Ontario	Head of Lakes	Central Ontario	Head of Lakes		
October—							
Anthracite.....				345,864	8,881	354,745	
Bituminous.....	12,831			2,172,517	564,431	2,749,779	
Sub-bituminous.....	15,276					15,276	
Lignite.....	1,944					1,944	
Total.....	30,051			2,518,381	573,312	3,121,744	
November—							
Anthracite.....				292,948	6,535	299,483	
Bituminous.....	7,931			1,840,179	473,960	2,327,070	
Sub-bituminous.....	14,685					14,685	
Lignite.....	2,396					2,396	
Total.....	25,012			2,133,127	485,495	2,643,634	
December—							
Anthracite.....				228,333		228,333	
Bituminous.....	9,954			657,428	265,928	933,310	
Sub-bituminous.....	10,420					10,429	
Lignite.....	3,121					3,121	
Total.....	23,504			885,761	265,928	1,175,193	
<b>Total—</b>							
Anthracite.....				2,726,497	15,884	2,792,381	
Bituminous.....	178,042			14,272,178	2,608,187	17,850,497	
Sub-bituminous.....	196,785					196,785	
Lignite.....	20,017			70		20,017	
<b>Total.....</b>	<b>394,844</b>			<b>17,948,745</b>	<b>2,616,071</b>	<b>20,059,660</b>	

CHAPTER SEVEN  
MANITOBA

**Table 79.—Exports of Canadian Coal through Manitoba Ports, 1942-1946**  
(Short tons)

Port	1942	1943	1944	1945	1946
Brandon.....	4.....				14.....
Emerson.....	46.....	202.....	451.....	465.....	450.....
Gretna.....					13.....
Winnipeg.....	753.....	721.....	460.....	518.....	85.....
<b>Total.....</b>	<b>863.....</b>	<b>923.....</b>	<b>911.....</b>	<b>996.....</b>	<b>549.....</b>

**Table 80.—\*Imports into Manitoba and the Head of Lakes, of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1945 and 1946**

(Short tons)

Port	Source	1945				1946						
		Anthracite	Bituminous, all grades	Lignite	Total	Anthracite			Total	Bituminous, all grades	Lignite	Total
						Grate, egg- stove, nut, doubles, cobbles, and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.				
<b>MANITOBA—</b>												
Brandon.....	U.S.....	129.....			129.....					162.....		163.....
Emerson.....	U.S.....					46.....			46.....			46.....
Gretna.....	U.S.....					48.....			48.....			48.....
Winnipeg.....	U.S.....	6,198.....	20,268.....		26,466.....	2,490.....	231.....	8,903.....	11,624.....	16,103.....		27,727.....
<b>Total for Manitoba.....</b>	<b>U.S.....</b>	<b>6,198.....</b>	<b>20,397.....</b>		<b>26,595.....</b>	<b>2,584.....</b>	<b>231.....</b>	<b>8,903.....</b>	<b>11,718.....</b>	<b>16,265.....</b>		<b>27,983.....</b>
<b>HEAD OF LAKES—</b>												
Fort Frances.....	U.S.....	42.....	290,856.....		290,898.....	45.....	468.....		513.....	322,295.....		322,806.....
Fort William.....	U.S.....	2,932.....	1,320,728.....		1,323,660.....	6,535.....	6,859.....	13,394.....	1,946,218.....		1,959,612.....	
Port Arthur.....	U.S.....		282,266.....		262,266.....	1,977.....			1,977.....	331,074.....		333,651.....
<b>Total Head of Lakes.....</b>	<b>U.S.....</b>	<b>2,974.....</b>	<b>1,873,850.....</b>		<b>1,876,824.....</b>	<b>8,557.....</b>	<b>468.....</b>	<b>6,859.....</b>	<b>15,884.....</b>	<b>2,600,187.....</b>		<b>2,616,071.....</b>
<b>Total for Manitoba and Head of Lakes.....</b>	<b>U.S.....</b>	<b>9,172.....</b>	<b>1,894,247.....</b>		<b>1,903,419.....</b>	<b>11,141.....</b>	<b>499.....</b>	<b>15,762.....</b>	<b>27,602.....</b>	<b>2,616,152.....</b>		<b>2,644,054.....</b>

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

Table 81.—Summary Statistics for Manitoba in 1946—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

(Short tons)

Month	Canadian coal			Imported from U.S.A.	Coal available for consumption
	Output	Received from other provinces	Exported		
<b>JANUARY—</b>					
Anthracite.....		40,397	33	1,086	1,086
Bituminous.....		51,641		439	40,803
Sub-bituminous.....		122,755			51,641
Lignite.....					122,755
Total.....		214,793	33	1,525	216,235
<b>February—</b>					
Anthracite.....				791	791
Bituminous.....		42,038	34	442	42,446
Sub-bituminous.....		43,362			43,362
Lignite.....		105,952	4		105,948
Total.....		191,352	38	1,233	192,547
<b>March—</b>					
Anthracite.....		40,004	86	678	678
Bituminous.....		35,708		390	40,308
Sub-bituminous.....		73,599			35,708
Lignite.....					73,599
Total.....		149,311	86	1,068	150,293
<b>April—</b>					
Anthracite.....				255	255
Bituminous.....		28,100	44	204	28,260
Sub-bituminous.....		20,762			20,762
Lignite.....		35,537			35,537
Total.....		84,399	44	459	84,814
<b>May—</b>					
Anthracite.....				433	433
Bituminous.....		31,976	1	187	32,162
Sub-bituminous.....		22,928			22,928
Lignite.....		35,782			35,782
Total.....		90,686	1	620	91,305
<b>June—</b>					
Anthracite.....				707	707
Bituminous.....		36,447		35	36,482
Sub-bituminous.....		25,725			25,725
Lignite.....		27,009			27,009
Total.....		80,181		742	89,923
<b>July—</b>					
Anthracite.....				995	995
Bituminous.....		39,314	50	1,662	40,926
Sub-bituminous.....		18,868			18,868
Lignite.....		29,166			29,166
Total.....		87,348	50	2,657	89,955
<b>August—</b>					
Anthracite.....				1,915	1,915
Bituminous.....		47,570	47	3,000	51,123
Sub-bituminous.....		30,613			30,613
Lignite.....		34,163			34,163
Total.....		112,346	47	5,515	117,814
<b>September—</b>					
Anthracite.....				1,523	1,523
Bituminous.....		37,987	40	3,022	40,969
Sub-bituminous.....		26,929			26,929
Lignite.....		60,657			60,657
Total.....		125,573	40	4,545	130,078
<b>October—</b>					
Anthracite.....				1,028	1,028
Bituminous.....		38,597	116	2,121	40,602
Sub-bituminous.....		32,780			32,780
Lignite.....		95,792			95,792
Total.....		167,169	116	3,149	170,202

Table 81.—Summary Statistics for Manitoba in 1946—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

(Short tons)

Month	Output	Canadian coal		Imported from U.S.A.	Coal available for consumption
		Received from other provinces	Exported		
<b>November—</b>					
Anthracite.....				1,274	1,274
Bituminous.....	32,407	41		2,671	35,037
Sub-bituminous.....	31,225				31,225
Lignite.....	109,831				109,831
Total.....	173,463	41		3,945	177,367
<b>December—</b>					
Anthracite.....				1,033	1,033
Bituminous.....	38,678	49		1,492	40,121
Sub-bituminous.....	38,063				38,063
Lignite.....	121,461	4			121,457
Total.....	198,202	53		2,525	200,674
<b>Total—</b>					
Anthracite.....				11,718	11,718
Bituminous.....	453,515	511		16,265	469,239
Sub-bituminous.....	378,604				378,604
Lignite.....	851,704	8			851,696
Total.....	1,683,833	519		27,983	1,711,237

CHAPTER EIGHT  
SASKATCHEWAN

Table 82.—Output of Coal from Saskatchewan Mines, 1887-1946

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$			\$
1887.....	(a) 400	800	1908.....	150,556	253,790	1929.....	580,189	903,226
1888.....			1909.....	192,125	295,333	1930.....	579,424	908,883
1889.....			1910.....	181,156	293,929	1931.....	662,836	945,259
1890.....	200	200	1911.....	206,779	347,248	1932.....	887,139	1,229,146
1891.....			1912.....	225,342	368,136	1933.....	927,649	1,285,098
1892.....	5,400	9,325	1913.....	212,897	358,102	1934.....	909,288	1,241,130
1893.....	8,325	12,485	1914.....	232,299	374,245	1935.....	921,785	1,293,608
1894.....	(b) 15,051	15,153	1915.....	240,107	365,246	1936.....	1,020,702	1,463,680
1895.....	15,769	31,538	1916.....	281,300	441,836	1937.....	1,049,348	1,494,337
1896.....	16,706	25,050	1917.....	355,445	662,451	1938.....	1,022,166	1,380,416
1897.....	25,000	37,500	1918.....	346,847	722,148	1939.....	960,000	1,255,862
1898.....	25,000	37,500	1919.....	379,347	819,380	1940.....	1,097,517	1,408,540
1899.....	25,000	37,500	1920.....	335,222	797,828	1941.....	1,322,763	1,713,478
1900.....	40,500	60,750	1921.....	335,632	823,186	1942.....	1,301,116	1,760,065
1901.....	45,000	72,000	1922.....	382,437	802,053	1943.....	1,665,972	2,432,249
1902.....	70,400	112,040	1923.....	438,100	858,448	1944.....	1,372,766	2,034,914
1903.....	116,703	169,618	1924.....	470,118	886,665	1945.....	1,532,995	2,327,082
1904.....	124,885	187,021	1925.....	471,965	870,875	1946.....	1,523,489	2,541,092
1905.....	107,596	152,334	1926.....	439,803	819,805	Total.....	27,067,205	42,012,470
1906.....	108,398	164,146	1927.....	470,216	868,857			
1907.....	151,232	252,437	1928.....	471,713	831,491			

(a) From Turtle Mountain district, Manitoba.

(b) Including a small quantity from the Turtle Mountain district, Manitoba.

NOTE.—For the years 1919-1946 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 83.—Output of Coal from Saskatchewan Mines, by Months, 1942-1946

(Short tons)

Month	1942	1943	1944	1945	1946
January.....	179,521	166,583	142,785	203,838	210,991
February.....	148,451	142,903	131,351	149,410	173,901
March.....	99,566	113,202	146,660	112,305	120,594
April.....	88,845	82,135	69,678	91,399	67,670
May.....	55,766	80,407	63,578	79,251	66,034
June.....	54,928	77,280	41,798	44,707	51,033
July.....	59,190	91,949	48,067	44,946	54,256
August.....	55,897	118,599	66,441	53,190	64,183
September.....	80,735	153,616	113,070	105,851	125,840
October.....	123,240	189,449	171,741	220,345	184,872
November.....	169,531	215,733	102,996	224,086	196,217
December.....	185,446	184,116	184,801	203,477	207,898
Total.....	1,301,116	1,665,972	1,372,766	1,532,995	1,523,489

Table 84.—Output of Coal by Principal Collieries in Saskatchewan for 1944-1946  
(Short tons)

Name	Address	1944	1945	1946
Eastern Collieries of Bienfait.	Estevan.....	91,887	101,120	128,464
Havanah Collieries Ltd.....	Estevan.....	15,261	25,617	35,337
Jenish Bros.....	Estevan.....	19,532	15,567	17,113
Manitoba and Saskatchewan Coal Co., Ltd.....	503 Avenue Block, Winnipeg, Man.....	401,853	381,244	286,901
North West Coal Co. (A. Konopaki).....	Bienfait.....	9,875	8,178	14,300
Roche Perce Coal Mining Co. Ltd.....	Roche Perce.....	50,843	126,045	137,818
South Cambrian Ltd.....	Pinto.....	23,682	27,285	39,652
Western Dominion Coal Mines Ltd.....	Taylorton.....	706,536	800,705	821,522
All other operators.....		53,297	47,234	42,382
<b>Total.....</b>		<b>1,372,766</b>	<b>1,532,905</b>	<b>1,523,489</b>

Table 85.—Tonnage Lost in Saskatchewan Coal Mines, Showing the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1945 and 1946

Year	Per cent produced	Per cent lost	Percentage lost through:				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
1945.....	84	16	0.3	14.4	.....	0.2	1.1
1946.....	86	14	0.5	10.2	.....	2.0	1.3

Table 86.—Disposition of Coal from Saskatchewan Mines, by Grades, 1945 and 1946  
(Short tons)

Disposition	1945		1946				Total	
	Total		Run-of-mine	Cobble and lump	Nut and other grades	Slack	Quantity	Value
	Quantity	Value						
Supplied to employees for domestic consumption.....	12,126	8,559	677	1,598	384	.....	2,659	3,788
Shipped as per Table 87.....	1,471,497	2,292,264	39,204	297,035	951,633	211,523	1,199,395	2,520,896
Used under colliery boilers, etc.....	21,104	18,125	17	134	5,891	5,889	11,931	12,382
Used in making briquettes.....	7,173	9,076	.....	2,196	3,539	.....	5,735	6,852
Used by companies' railroads.....	29,621	21,917	.....	511	4,202	11,364	16,977	16,397
Put on bank.....	22,256	.....	.....	.....	.....	.....	3,605	.....
<b>Total disposition.....</b>	<b>1,554,777</b>	<b>2,349,941</b>	<b>39,898</b>	<b>301,474</b>	<b>965,649</b>	<b>228,776</b>	<b>1,539,402</b>	<b>2,500,915</b>
Lifted from bank.....	21,782	22,859	.....	521	4,192	11,200	15,913	16,823
<b>Total output.....</b>	<b>1,532,995</b>	<b>2,327,082</b>	<b>39,898</b>	<b>300,953</b>	<b>961,457</b>	<b>217,576</b>	<b>1,523,489</b>	<b>2,514,092</b>

Table 87.—Shipments of Coal from Saskatchewan Mines, by Grades and Destination, 1945 and 1946

(Short tons)

Destination	1945					1946				
	Run-of-mine	Cobble and lump	Nut and other grades	Slack	Total	Run-of-mine	Cobble and lump	Nut and other grades	Slack	Total
Saskatchewan.....	42,647	156,482	259,115	177,555	635,799	39,148	163,199	347,358	76,350	626,055
Alberta.....			305	42	347					
British Columbia.....	136,246	326,566	347,543	810,355		132,159	584,495	135,050	551,701	
Manitoba.....	169	16,784	1,138	18,091			466	19,428	123	20,017
Ontario.....	256	5,105	1,544	6,905		56	1,211	352		1,619
United States.....										
Railroads—										
In Canada.....										
In United States.....										
<b>Total.....</b>	<b>42,903</b>	<b>298,002</b>	<b>604,314</b>	<b>526,278</b>	<b>1,471,497</b>	<b>39,204</b>	<b>297,835</b>	<b>951,633</b>	<b>211,523</b>	<b>1,499,335</b>

Table 88.—Exports of Canadian Coal through Saskatchewan Ports, 1942-1946

(Short tons)

Port	1942	1943	1944	1945	1946
Moose Jaw.....	870	1,320	1,385	1,249	691
North Portal.....	1,735	3,283	6,925	14,986	6,930
Regina.....	15	96	48	45	
<b>Total.....</b>	<b>2,620</b>	<b>4,629</b>	<b>8,388</b>	<b>16,290</b>	<b>7,621</b>

Table 89.—\*Imports into Saskatchewan of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1945 and 1946

(Short tons)

Port	Source	1945					1946					
		Anthra-	Bitum-	Lign-	Total	Anthracite				Bitum-	Lign-	Total
						Grate, egg, stove, nut, d'bie cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes, n.o.p.	Total			
Moose Jaw.....	U.S.....		84		84					86		86
North Portal.....	U.S.....		45	5	50					51		51
Prince Albert.....	U.S.....		44		44					44		44
Regina.....	U.S.....	1	129	30	160					158		158
Saskatoon.....	U.S.....		340		340					347		347
<b>Total.....</b>	<b>U.S.....</b>	<b>1</b>	<b>642</b>	<b>35</b>	<b>678</b>					<b>686</b>		<b>686</b>

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

Table 90.—Summary Statistics for Saskatchewan in 1946—Output, Exports, Inter-provincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds

(Short tons)

Month	Canadian coal				Imported from U.S.A.	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
January—						
Bituminous.....	25,750				38	25,788
Sub-bituminous.....	151,617					151,617
Lignite.....	210,991		124,608	659		55,724
Total.....	210,991	177,367	124,608	659	38	263,129
February—						
Bituminous.....	26,551					26,551
Sub-bituminous.....	135,181					135,181
Lignite.....	173,901		107,327	1,766		64,808
Total.....	173,901	161,732	107,327	1,766		226,540
March—						
Bituminous.....	22,390				43	22,433
Sub-bituminous.....	107,171					107,171
Lignite.....	120,594		75,420	948		44,226
Total.....	120,594	129,561	75,420	948	43	173,830
April—						
Bituminous.....	14,767				85	14,852
Sub-bituminous.....	82,156					82,156
Lignite.....	67,670		36,837			30,833
Total.....	67,670	96,923	36,837		85	127,841
May—						
Bituminous.....	16,788			5		16,783
Sub-bituminous.....	82,861					82,861
Lignite.....	66,034		36,784	456		28,794
Total.....	66,034	99,649	36,784	456		128,438
June—						
Bituminous.....	20,180			1	131	20,310
Sub-bituminous.....	78,408					78,408
Lignite.....	51,033		28,225	104		22,704
Total.....	51,033	98,586	28,225	105	131	121,420
July—						
Bituminous.....	14,186			40	84	14,230
Sub-bituminous.....	56,036					56,036
Lignite.....	54,256		30,251			24,005
Total.....	54,256	70,222	30,251	40	84	94,271
August—						
Bituminous.....	21,151				41	21,192
Sub-bituminous.....	104,688					104,688
Lignite.....	64,183		35,467			28,716
Total.....	64,183	125,839	35,467		41	154,596
September—						
Bituminous.....	20,821				182	21,003
Sub-bituminous.....	94,739					94,739
Lignite.....	125,840		62,257	3		63,580
Total.....	125,840	115,560	62,257	3	182	179,322
October—						
Bituminous.....	20,100			89	82	20,093
Sub-bituminous.....	104,186					104,186
Lignite.....	184,872		97,736	651		86,485
Total.....	184,872	124,286	97,736	740	82	210,764

Table 90.—Summary Statistics for Saskatchewan in 1946—Output, Exports, Inter-provincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds—Concluded

(Short tons)

Month	Canadian coal				Imported from U.S.A.	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
November—						
Bituminous.....		20,024				20,024
Sub-bituminous.....		111,063				111,063
Lignite.....	196,217		112,227	1,861		82,279
Total.....	196,217	131,087	112,227	1,861		213,216
December—						
Bituminous.....		22,248				22,248
Sub-bituminous.....		125,946				125,946
Lignite.....	207,898		124,582	1,038		82,278
Total.....	207,898	148,194	124,582	1,038		230,472
Total—						
Bituminous.....		214,586		135	686	245,587
Sub-bituminous.....		1,231,050				1,231,050
Lignite.....	1,523,489		871,721	7,486		644,282
Total.....	1,523,489	1,479,006	871,721	7,621	686	2,123,839

Table 91.—Employees, Salaries and Wages in the Coal Mines of Saskatchewan, 1945 and 1946

	1945	1946
Number of salaried employees—		
Male.....	42	42
Female.....	8	4
Number of daily wage-earners—		
Surface.....	272	294
Underground.....	243	146
Total.....	515	436
Salaries and wages—		
Salaries.....	94,036	81,733
Wages.....	821,455	745,285
Total.....	915,491	827,018

Table 92.—Employment at Coal Mines in Saskatchewan, 1942-1946

	1942	1943	1944	1945	1946
Average number of employees—					
Surface.....	252	331	309	316	337
Underground.....	340	392	346	249	149
Total.....	592	723	655	565	486
Man-days worked—					
Surface.....	72,276	92,719	75,329	75,345	89,763
Underground.....	93,155	107,749	83,164	56,559	36,164
Total.....	165,431	200,468	158,493	131,904	125,927
Average number of man-days worked during year—					
By surface employees.....	287	280	247	238	266
By underground employees.....	268	275	240	227	243
By all employees.....	278	277	243	233	259

Table 93.—Employment and Work Done, by Months, at Coal Mines in Saskatchewan in 1946

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	364	266	630	10,054	5,765	15,819
February.....	364	191	555	9,058	3,972	13,630
March.....	342	174	516	6,910	2,853	9,763
April.....	295	89	384	5,788	1,332	7,120
May.....	299	72	371	5,997	1,303	7,300
June.....	296	78	374	5,389	1,567	6,956
July.....	264	73	337	4,682	1,180	5,868
August.....	307	106	413	6,203	2,054	8,257
September.....	366	131	497	8,004	2,714	10,718
October.....	378	195	573	9,201	4,304	13,505
November.....	386	218	604	8,966	4,905	13,874
December.....	387	207	594	8,911	4,206	13,117
<b>Total.....</b>				<b>89,763</b>	<b>36,164</b>	<b>125,927</b>

Table 94.—Employment at Coal Mines in Saskatchewan, by Classes, 1945 and 1946

Classification	1945			1946		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	11	1	12	10	1	11
Foreman and officials.....	17	11	28	19	5	24
Clerks.....	25		25	24		24
Screemmen and loaders.....	61	13	74	56	15	71
Stripping shovel operators.....	27		27	26		26
Hand cutters and helpers.....	60	60			55	55
Machine cutters and helpers.....	20	20			9	9
Machine loaders and helpers.....	57	57			21	21
Horse haulage employees.....	1	16	17	1	9	10
Mechanical haulage employees.....	22	11	33	30	3	33
Ventilation employees.....		1	1			
Roadmakers.....	4	10	23	8	10	18
Timbermen.....		9	9		8	8
Pumpmen.....	2	3	5	2	2	4
Loading shovel.....	17		17	17		17
Cleaning shovel.....	4		4	6		6
Chute loaders.....						
Enginemen.....	8		8	8		8
Firemen.....	10	1	11	10	1	11
Machinists.....	7	3	10	6	2	8
Carpenters and masons.....	6		6	5		5
Other mechanics.....	10		10	15		15
All other employees.....	84	24	108	94	8	102
<b>Total.....</b>	<b>316</b>	<b>249</b>	<b>565</b>	<b>337</b>	<b>149</b>	<b>486</b>

## CHAPTER NINE

## ALBERTA†

Table 95.—Output of Coal from Alberta Mines, 1886-1946

Calendar year	Short tons	Value	Calondar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$			\$
1886.....	43,220	81,112	1906.....	1,246,360	2,614,762	1926.....	6,503,705	20,886,103
1887.....	74,152	157,577	1907.....	1,591,579	3,836,286	1927.....	6,934,162	21,982,058
1888.....	115,124	183,354	1908.....	1,685,681	4,127,311	1928.....	7,336,330	23,532,414
1889.....	97,364	179,640	1909.....	1,094,741	4,838,109	1929.....	7,150,693	22,928,182
1890.....	128,753	198,298	1910.....	2,894,469	7,065,736	1930.....	5,755,528	18,063,225
1891.....	174,131	437,243	1911.....	1,511,036	3,979,264	1931.....	4,564,015	13,342,675
1892.....	178,970	460,605	1912.....	3,240,577	8,113,525	1932.....	4,870,648	13,526,309
1893.....	230,070	586,260	1913.....	4,014,755	10,418,941	1933.....	4,718,788	12,307,258
1894.....	184,940	473,827	1914.....	3,683,015	9,350,392	1934.....	4,753,810	12,556,099
1895.....	169,885	382,526	1915.....	3,360,818	8,283,079	1935.....	5,462,894	14,004,795
1896.....	209,162	581,832	1916.....	4,559,054	11,380,577	1936.....	5,698,960	14,659,705
1897.....	242,163	630,408	1917.....	4,736,388	14,153,685	1937.....	5,562,839	14,563,911
1898.....	315,088	787,720	1918.....	5,972,816	20,537,287	1938.....	5,251,233	13,698,470
1899.....	309,600	774,000	1919.....	4,933,660	18,205,205	1939.....	5,519,208	14,415,281
1900.....	311,450	778,625	1920.....	6,907,765	30,186,933	1940.....	6,203,839	16,377,959
1901.....	340,275	850,687	1921.....	6,909,217	27,246,514	1941.....	6,969,962	19,382,471
1902.....	402,819	960,601	1922.....	5,990,911	24,351,913	1942.....	7,754,053	22,624,410
1903.....	495,803	1,117,641	1923.....	6,854,397	28,018,303	1943.....	7,076,726	24,030,686
1904.....	661,732	1,404,524	1924.....	6,189,729	18,884,318	1944.....	7,428,708	26,814,937
1905.....	931,917	1,993,915	1925.....	5,860,031	20,021,484	1945.....	7,800,151	27,751,377
						1946.....	8,826,311	33,441,030
						Total.....	220,563,230	689,620,174

Note.—For the years 1919-1946 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 96.—Output of Coal from Alberta Mines, by Months, 1942-1946  
(Short tons)

Month	1942	1943	1944	1945	1946
January.....	829,036	671,441	723,415	784,260	934,155
February.....	649,704	701,203	587,284	609,490	837,108
March.....	587,494	752,083	577,794	659,741	762,860
April.....	527,627	586,261	496,681	592,278	631,688
May.....	435,685	569,279	554,833	519,380	662,030
June.....	576,111	614,796	512,757	616,220	638,121
July.....	627,438	609,424	514,931	528,900	623,224
August.....	661,087	657,674	630,773	670,449	767,323
September.....	648,424	646,653	641,885	565,680	714,556
October.....	700,018	664,584	687,014	439,985	764,039
November.....	721,428	508,921	763,305	898,938	732,590
December.....	789,941	714,397	738,036	824,826	758,617
Total.....	7,754,853	7,676,726	7,428,708	7,800,151	8,826,311

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

Table 97.—Output of Coal by Districts, in Alberta, 1944-1946  
(Short tons)

District	1944	1945	1946
<b>BITUMINOUS—</b>			
Cascade*	363,314	318,036	313,608
Coalspur	651,340	617,266	832,957
Crowsnest	1,943,277	1,836,542	2,256,744
Halcourt	618	584	1,708
Highwood	481,844	481,578	489,618
Lethbridge			
Mazinaw		1,344	1,238
Morley		970,301	1,109,565
Mountain Park	892,954	351,869	333,368
Nordegg		5,864	2,739
Pekisko		860	241
Pincher		7,637	6,183
Prairie Creek		63,926	59,926
Saunders			60
Total Bituminous	4,763,303	4,600,597	5,389,418
<b>SUB-BITUMINOUS</b>			
Archie	7,109	14,067	12,233
Big Valley	5,471	7,819	10,106
Brooks	88,365	220,111	130,614
Camrose	65,303	84,837	90,775
Carbon	46,896	71,215	78,155
Castor	40,896	85,125	71,186
Champion	7,177	7,309	7,375
Drumheller	1,678,322	1,722,677	1,946,226
Edmonton	349,333	408,304	478,677
Gleichen	16,430	18,101	16,678
High Prairie			85
Milk River		1,624	2,323
Pakana			1,628
Pakowki		216	385
Penobina		72,251	64,751
Redcliff		10,603	10,630
Rochester		4,257	7,595
Sexsmith			5,949
Sheerness		49,780	60,223
Steveville			56,209
Taber		74,036	244,204
Tofield		101,895	167,818
Westlock			168,641
Wetaskiwin			150
Whitecourt		1,085	1,595
Area not designated		287	118
		3,169	112
Total Sub-bituminous	2,865,405	3,199,554	3,436,893
<b>Total Alberta</b>	<b>7,428,708</b>	<b>7,800,151</b>	<b>8,826,311</b>

\*Includes a small quantity of anthracite coal.

Table 98.—Output of Coal by Principal Collieries in Alberta, 1944-1946  
(Short tons)

Name and address	1944	1945	1946
<b>BITUMINOUS</b>			
<b>CASCADE DISTRICT—</b>			
Canmore Mines, Ltd., Canmore.....	361,318	316,383	311,253
All other operators*.....	1,996	1,653	2,355
Total.....	363,314	318,036	313,608
<b>COALSPUR DISTRICT—</b>			
Coal Valley Mining Co., Ltd., Edmonton.....	137,240	4,200	195,597
Footbills Collieries, Ltd., Foothills.....	117,294	120,190	111,909
Lakeside Coal Ltd., Edmonton.....	34,420	22,983	25,416
McLeod River Hard Coal Co., (1941) Ltd., Nanaimo, B.C.....	217,472	289,868	305,321
Sterling Collieries Ltd., Edmonton.....	143,180	179,811	177,171
Thirty-Two Collieries Ltd., Edmonton (Bryon Hard Coal Co. Ltd., Dec. 1945)	1,824	214	17,573
All other operators.....			
Total.....	651,340	617,266	832,987
<b>CROWNWEST DISTRICT—</b>			
Hillcrest Mohawk Collieries Ltd., Bellevue.....	293,299	288,053	351,402
International Coal and Coke Co., Ltd., Coleman.....	425,792	399,679	456,648
McGillivray Creek Coal and Coke Co., Ltd., Coleman.....	249,813	261,445	261,538
West Canadian Collieries, Ltd., Blairmore.....	972,865	906,332	1,182,917
All other operators.....	1,508	1,033	1,239
Total.....	1,943,277	1,856,542	2,256,744
<b>HALCOURT DISTRICT</b> .....	618	584	1,708
<b>HIGHWOOD DISTRICT</b> .....			
<b>LETHBRIDGE DISTRICT—</b>			
Chester Mine, Lethbridge.....	20,667	24,331	28,213
Hamilton, J. J., Coal Co., Lethbridge.....	17,463	24,470	30,062
Lethbridge Collieries, Ltd. (Mine 1203), Lethbridge.....	186,044	177,814	103,288
Lethbridge Collieries Ltd. (Mine 1464), Lethbridge.....	245,381	220,803	215,002
New Royal View Mine (previously Strickland & Tennant), N. Lethbridge.....	8,517	850	.....
All other operators.....	3,772	3,310	3,053
Total.....	481,844	451,578	489,618
<b>MAGRATH DISTRICT</b> .....			
<b>MORLEY DISTRICT</b> .....		1,344	1,238
<b>MOUNTAIN PARK DISTRICT—</b>			
Cadomin Coal Co., Ltd., Cadomin (mine office); Edmonton (business office).....	327,017	454,177	458,797
K. D. Collieries Ltd., Saskatoon, Sask.....	42,831	30,031	.....
Luscar Collieries, Ltd., Edmonton.....	274,295	245,528	305,829
Mountain Park Collieries, Ltd., 410 Tegler Bldg., Edmonton.....	248,811	231,565	254,807
All other operators.....			132
Total.....	892,951	970,301	1,109,565
<b>NORDEGG DISTRICT—</b>			
Brazeau Collieries Ltd., Nordegg.....	351,860	315,857	333,368
Total.....	351,860	315,857	333,368
<b>PEKISKO DISTRICT—</b>			
Swan H. Priddis.....	2,312	.....	.....
All other operators.....	3,552	2,739	1,887
Total.....	5,864	2,739	1,887
<b>PINCHER DISTRICT</b> .....	660	241	488
<b>RAIRIE CREEK DISTRICT—</b>			
Jasper Coals, Ltd., Edmonton.....	7,637	6,183	.....
All other operators.....			60
Total.....	7,637	6,183	60
<b>SAUNDERS DISTRICT—</b>			
Alexo Coal Co., Ltd., Alexo.....	24,519	26,601	33,532
Bighorn and Saunders Creek Collieries, Ltd., Saunders.....	39,407	33,325	34,615
All other operators.....			
Total.....	63,926	59,926	68,147
Total bituminous.....	4,763,303	4,600,597	5,389,418

Table 98.—Output of Coal by Principal Collieries in Alberta, 1941-1946—Continued  
(Short tons)

Name and Address	1944	1945	1946
<b>Sub-Bituminous</b>			
<b>ARDLEY DISTRICT</b>	7,109	14,067	12,233
Big Valley Coal Co., (J. McAllister) Big Valley	4,187	5,986	8,723
All other operators	1,284	1,833	1,383
Total	5,471	7,819	10,106
<b>BROOKS DISTRICT</b>			
Burnwell Coal Ltd. (formerly Kleenburn Collieries Ltd.), Calgary	85,060	220,111	130,614
Kleenburn Collieries Ltd., Eyremore	3,305		
Total	88,365	220,111	130,614
<b>CAMROSE DISTRICT</b>			
Camrose Collieries Ltd., Camrose	27,980	46,319	48,022
Red Flame Coal Co., Ltd., Round Hill	31,348	32,465	38,267
Stoney Creek Collieries, Ltd., Camrose	3,718	1,270	
All other operators	2,248	4,783	4,486
Total	65,303	84,837	90,775
<b>CARBON DISTRICT</b>			
East Carbon Coal Co., (Fox Bros.), Carbon	5,358	5,938	8,777
Inland Coal Co., Ltd., (previously Canadian Dinant Coal Co.), Three Hills	15,384	33,677	34,875
Pastorchik—Partners (formerly J. D. Morel), Three Hills	3,280	3,254	3,938
Peerless Coal Co. (formerly Peerless Carbon Collieries Ltd.), Carbon	9,627	9,042	12,311
All other operators	13,247	18,404	18,254
Total	46,896	71,215	78,155
<b>CASTOR DISTRICT</b>			
Bish Bros., Forestburg	5,835	6,632	8,593
Castor Creek Collieries Ltd., Castor	4,585	36,769	23,784
Muney H. C., Foreman	3,891	3,656	3,687
All other operators	26,585	38,068	35,092
Total	40,896	85,125	71,166
<b>CHAMPION DISTRICT</b>			
<b>DRUMHELLER DISTRICT</b>			
Aetna Coal Co., Ltd., East Coulee	22,704	20,700	20,784
Arcadia Coal Mines Ltd., Willow Creek	8,052	12,650	22,988
Brilliant Coal Co., Drumheller	93,036	96,802	117,775
Burn Britz Coal Co., Drumheller	217	657	730
Castle Coal Co., Ltd., Wayne	1,944	7,945	6,697
Empire Collieries Ltd., East Coulee	55,090	61,076	67,160
Hy-Grade Coal Mining Co., Ltd., Drumheller	92,952	94,727	129,130
Ideal Coal Co., Ltd., Wayne	15,858	19,090	18,209
Maple Leaf Minerals Ltd., Drumheller	55,905	10,752	22,273
Midland Coal Mining Co., Ltd., Drumheller	224,298	218,877	224,304
Minute Coal Co., Drumheller	8,078	18,255	23,615
Monarch Coal Mining Co., Ltd. (Western Monarch), Calgary	107,689	125,061	14,479
Monarch Coal Mining Co., Ltd. (Western Crown Mine), Calgary	20,703	20,399	77,919
Murray Collieries Ltd., East Coulee	142,652	150,045	165,431
Newcastle Collieries Ltd., Drumheller	110,134	91,300	98,919
Red Deer Valley Coal Co., Ltd., Drumheller	188,098	184,091	176,186
Regal Coal Co. Ltd. (Atlas Mine), East Coulee	152,144	159,014	170,191
Regal Coal Co. Ltd. (Commander Mine), Drumheller	69,446	113,891	174,790
Rosedale Collieries, Ltd. (Rosedale Mine), Rosedale	109,605	120,964	144,343
Rosedale Collieries, Ltd. (Star Mine), Aerial	122,743	104,305	111,972
Sovereign Coal Co., Ltd., Wayne	5,625	14,392	22,484
Western Gem & Jewel Collieries Ltd., Cambria	69,971	88,176	98,657
All other operators	1,377	505	37,140
Total	1,678,322	1,722,677	1,946,226
<b>EDMONTON DISTRICT</b>			
Banner Coals Ltd., Edmonton	55,168	51,559	76,467
Beverly Coal Co. Ltd., Edmonton	41,147	38,777	40,849
Bush Mines, Ltd., Edmonton	12,630		
Capitol Coal Co., Edmonton	2,789		
Dawson Coal Co. Ltd., Edmonton	9,625		
Dickinson Knight & Dickinson, Carbondale	2,688	4,096	7,004
Edmonton Collieries Ltd., Edmonton	26,597	24,888	27,549
Egg Lake Coal Co. (Thos. Logan), Morinville	7,422	20,953	14,363
Gwilliam, D. J., Namsko	4,910	3,973	2,900
Kent Coal Co. Ltd., Edmonton	44,827	31,731	
Ottewell Coal Co., Clover Bar	16,133	11,430	2,968
Pine Creek Coal Co. (Opalinski & Fidel), S. Edmonton	8,553	12,034	13,751
Red Hot Coal Co. Ltd., Edmonton	21,051	23,699	23,607
Riverdale Coal Co. Ltd., Edmonton	13,276	14,948	27,126
Samsis Collieries, Namao	10,516	11,328	12,695
Sinoski, M., South Edmonton	6,277	8,733	4,333
Smith, Howard W., S. Edmonton	7,686		
Starkey, J. B., Edmonton		16,254	71,429
Sunlance Mines, Carlif	5,322	14,310	9,115
The Great West Coal Co. Ltd. (Black Diamond Mine), Edmonton	83,169	98,247	105,702
Twin City Coal Ltd. (Riddock & Horkulak), S. Edmonton	1,922	2,547	1,309
All other operators	7,616	18,782	30,612
Total	389,333	408,304	428,677

Table 98.—Output of Coal by Principal Collieries in Alberta, 1944-1946—Concluded  
(Short tons)

Name and address	1944	1945	1946
<b>Sub-Bituminous—Concluded</b>			
<b>GLEICHEN DISTRICT—</b>			
Blackfoot Indian Agency, Gleichen.....	5,583	5,366	2,696
McMillan, Alex., Rosebud.....	4,698	5,490	6,016
Standard Coal Mine, Standard.....	3,993	4,233	4,909
All other operators.....	2,156	3,012	3,057
Total.....	16,430	18,101	18,678
<b>HIGH PRAIRIE DISTRICT.....</b>		85	
<b>MILK RIVER DISTRICT.....</b>	1,624	2,323	1,628
<b>PAKAN DISTRICT.....</b>			
<b>PAKOWKI DISTRICT.....</b>	216	385	123
<b>PEMBINA DISTRICT—</b>			
Lakeside Couls Ltd., Edmonton.....	65,935	57,785	55,192
All other operators.....	6,316	6,966	6,083
Total.....	72,251	64,751	61,275
<b>REDCLIFF DISTRICT—</b>			
Ajax Coal Co. Ltd. (L. N. Laidlaw), Medicine Hat.....	7,930	10,408	8,427
Gunderson Brick & Coal Co. Ltd., Redcliff.....	2,673	222	
Total.....	10,603	10,630	8,427
<b>ROCHESTER DISTRICT.....</b>	4,257	7,595	5,949
<b>SEXSMITH DISTRICT.....</b>			
<b>SHEERNESS DISTRICT—</b>			
Chinook Coal Co. Ltd., Sheerness.....	13,545	17,538	19,134
Sheerness Coal Co. Ltd., Sheerness.....	33,373	39,755	30,484
All other operators.....	2,862	2,932	6,591
Total.....	49,780	60,225	56,209
<b>SLAVE LAKE DISTRICT.....</b>			
<b>STEVENVILLE DISTRICT.....</b>			
<b>TABER DISTRICT—</b>			
Continental Coal Corp. Ltd., Grassy Lake.....	29,084	139,545	126,015
Majestic Mines Ltd., Taber.....	10,223		
Oliver Coal Mine, Taber.....	5,208	6,037	5,586
Western Ventures Ltd., Lethbridge.....	26,508	96,712	156,614
All other operators.....	3,013	1,910	1,656
Total.....	74,936	244,204	289,871
<b>TOFIELD DISTRICT—</b>			
Black Nugget Coal Co. Ltd., Dodds.....	11,418	51,473	70,512
Dodds Coal Mine, Dodds.....	33,367	41,387	25,374
Tofield Coal Co. Ltd., Tofield.....	54,169	69,055	67,947
All other operators.....	2,941	5,903	4,808
Total.....	101,895	167,818	168,641
<b>WESTLOCK.....</b>		150	907
<b>WETASKIWIN DISTRICT.....</b>	1,085	1,595	1,389
<b>WHITECOURT DISTRICT.....</b>	287	118	79
<b>Area not designated.....</b>	3,169	112	390
Total sub-bituminous.....	2,665,405	3,190,554	3,430,893
<b>Total Alberta.....</b>	7,428,788	7,900,151	8,626,311

**Table 99.—Tonnage Lost in Alberta Coal Mines, Showing by Districts the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1945 and 1946**

District	Per cent produced		Per cent lost		Percentage lost through:									
	1945	1946	1945	1946	Absenteeism		Lack of orders		Car shortage		Mine disability		Other causes	
					1945	1946	1945	1946	1945	1946	1945	1946	1945	1946
<b>BITUMINOUS—</b>														
Cascade.....	83	87	17	13	14.0	12.5	1.4						1.6	0.5
Coalspur.....	89	94	11	6	7.7	3.4					0.3		2.1	
Crowsnest.....	85	87	15	13	8.0	10.0	2.0	0.9	3.7	0.3	0.4	0.1	0.9	1.7
Halcourt.....	81	69	19	31			7.3						19.0	23.7
Highwood.....														
Lethbridge.....	82	83	18	17	8.0	14.5	4.6	0.3			0.1	0.4	5.3	1.8
Magrath.....														
Morley.....	73	59	27	41									27.0	41.0
Mountain Park.....	93	93	7	7	4.2	2.6	0.4	0.9	1.0	1.2	0.3	0.3	1.1	2.0
Nordegg.....	85	87	15	13	12.7	11.0			1.7				2.3	0.3
Pekisko.....	82	60	38	40									38.0	40.0
Pincher.....	86	78	14	22			9.7	5.7			7.2		1.1	12.3
Prairie Creek.....	71	68	29	32	19.0						10.0			32.0
Saunders.....	90	90	10	10	2.1	6.3					0.6	0.2	7.3	3.5
Total bituminous.....	87	89	13	11	7.9	8.2	1.4	0.5	1.7	0.4	0.3	0.2	1.7	1.7
<b>Sub-BITUMINOUS—</b>														
Ardley.....	61	72	39	28			1.7	1.6			1.0		36.3	26.4
Big Valley.....	75	65	25	35			1.2	7.4	17.9		1.7	2.3	15.9	13.6
Brooks.....	86	86	14	14					3.0	2.0	6.4	0.8	4.5	11.2
Camrose.....	94	95	6	5			1.0	2.9					4.1	2.1
Carbon.....	81	80	19	20	1.8	3.9	6.1	4.7	0.7	0.2	2.2	2.8	8.2	8.4
Castor.....	81	75	19	25	0.6	0.9	6.1	10.2			1.0	1.1	11.3	12.8
Champion.....	78	74	22	26			10.6	10.5					11.4	15.5
Drumheller.....	84	86	16	14	7.0	8.3	1.2	0.2			1.6	1.1	0.2	4.4
Edmonton.....	81	85	19	15	7.7	6.9	4.7	3.3			1.2	0.9	5.4	3.9
Gleichen.....	81	77	19	23	2.1	2.0	1.7	1.8			0.1		15.1	19.2
High Prairie.....	49		51										51.0	
Milk River.....	60	46	40	54			6.5	1.0					33.5	53.0
Pakana.....														
Pakowki.....	53	43	47	57									47.0	57.0
Pembina.....	73	84	27	16	5.8	3.0	18.5	8.0	0.3		1.0	2.7	3.7	
Redcliff.....	77	75	23	25			1.4	20.5	11.3	2.0	0.2	0.6	2.3	9.7
Rochester.....	87	87	13	13	1.5			6.5	10.0				5.0	3.0
Sexsmith.....														
Sheerness.....	80	82	20	18			5.6	2.0			6.0		8.4	16.0
Steveville.....														
Taber.....	90	73	10	27	0.3		2.7	7.4	0.3	3.2	3.2	1.3	3.5	15.1
Tofield.....	80	89	20	11	0.3		13.9	7.4	0.9	0.5		0.2	4.9	2.9
Westlock.....	77	85	23	15									23.0	15.0
Wetaskiwin.....	78	67	22	33									22.0	33.0
Whitelcourt.....	19	52	81	48				34.5					46.5	48.0
Area not designated.....	29	27	71	73									71.0	73.0
Total sub-bituminous.....	83	84	17	16	5.1	5.8	3.4	2.3	0.4	0.4	1.9	1.1	6.2	6.4
<b>Total Alberta.....</b>	<b>85</b>	<b>87</b>	<b>15</b>	<b>13</b>	<b>6.8</b>	<b>7.2</b>	<b>2.3</b>	<b>1.3</b>	<b>1.2</b>	<b>0.4</b>	<b>1.1</b>	<b>0.5</b>	<b>3.6</b>	<b>3.6</b>

Table 100.—Total Disposition of Coal from Alberta Mines, by Grades, 1945 and 1946  
(Short tons)

Quantity	Value	1945		1946		Total		
		Run-of-mine	Lump	Nut and other grades	Slack	Quantity	Value	
		\$	\$	\$	\$	\$	\$	
Supplied to employees for domestic consumption.....	54,236	178,896	25,410	22,315	5,363	28	53,116	189,676
Coal shipped as per Table 103	7,043,627	26,837,612	3,220,771	2,264,850	1,466,345	1,133,465	8,083,440	31,568,726
Used under colliery boilers.....	179,323	423,055	88,402	659	31,371	61,361	182,093	475,851
Used by companies' railroads.....	1,425	4,511	1,235	112	.....	.....	1,347	4,290
Used in making coke at colliery.....	61,280	219,136	.....	.....	.....	64,870	64,870	243,149
Used in making briquettes.....	235,998	836,607	.....	.....	.....	259,123	259,123	961,402
Put on bank.....	81,647	149,416	14,898	378	9,613	21,738	46,827	117,149
Put on waste heap.....	168,901	.....	.....	.....	.....	171,826	.....	.....
<b>Total disposition.....</b>	<b>7,832,337</b>	<b>27,849,233</b>	<b>3,350,716</b>	<b>2,288,623</b>	<b>1,512,692</b>	<b>1,540,591</b>	<b>8,864,451</b>	<b>33,560,293</b>
Lifted from bank.....	31,386	97,856	13,396	384	1,058	11,599	26,437	76,470
Lifted from waste heap.....	800	.....	.....	.....	.....	.....	11,763	41,893
<b>Total output.....</b>	<b>7,800,151</b>	<b>27,751,377</b>	<b>3,337,320</b>	<b>2,288,239</b>	<b>1,511,634</b>	<b>1,528,995</b>	<b>8,826,311</b>	<b>33,441,930</b>

Table 101.—Disposition of Bituminous Coal from Alberta Mines, 1945 and 1946

(Short tons)

Quantity	Value	1945		1946		Total		
		Run-of-mine	Lump	Nut and other grades	Slack	Quantity	Value	
		\$	\$	\$	\$	\$	\$	
Supplied to employees for domestic consumption.....	32,003	105,742	24,048	7,223	534	8	31,813	113,639
Coal shipped as per Table 104	4,092,811	15,630,360	2,929,586	581,016	597,629	658,937	4,767,168	19,482,175
Used under colliery boilers.....	157,517	385,394	87,433	263	21,313	50,750	159,765	431,108
Used by companies' railroads.....	1,151	3,415	1,235	.....	.....	.....	1,235	3,837
Used in making coke at colliery.....	61,280	219,136	.....	.....	.....	64,870	64,870	243,149
Used in making briquettes.....	235,998	836,607	.....	.....	.....	259,123	259,123	961,402
Put on bank.....	18,775	65,880	14,898	368	1,127	7,405	23,793	83,061
Put on waste heap.....	107,442	.....	.....	.....	.....	.....	112,377	.....
<b>Total disposition.....</b>	<b>4,619,977</b>	<b>17,246,344</b>	<b>3,857,194</b>	<b>588,870</b>	<b>620,603</b>	<b>1,041,104</b>	<b>5,429,152</b>	<b>21,321,371</b>
Lifted from bank.....	19,386	67,026	13,396	374	840	5,554	20,164	69,471
Lifted from waste heap.....	800	.....	.....	.....	.....	.....	10,570	41,893
<b>Total output.....</b>	<b>4,600,597</b>	<b>17,179,318</b>	<b>3,013,798</b>	<b>588,196</b>	<b>619,763</b>	<b>1,035,554</b>	<b>5,389,418</b>	<b>21,210,007</b>

Table 102.—Disposition of Sub-Bituminous Coal from Alberta Mines, by Grades, 1945 and 1946

(Short tons)

Quantity	Value	1945		1946		Total		
		Run-of-mine	Lump	Nut and other grades	Slack	Quantity	Value	
		\$	\$	\$	\$	\$	\$	
Supplied to employees for domestic consumption.....	22,233	73,154	1,362	15,092	4,829	20	21,303	76,037
Coal shipped as per Table 105	3,010,816	10,407,352	291,185	1,683,843	868,716	474,528	3,318,272	12,046,601
Used under colliery boilers.....	21,806	37,751	969	696	10,058	10,605	22,328	41,743
Used by companies' railroads.....	224	1,096	.....	112	.....	.....	112	453
Put on bank.....	65,872	83,536	6	10	8,486	14,333	22,835	31,088
Put on waste heap.....	61,339	.....	.....	.....	.....	.....	59,449	.....
<b>Total disposition.....</b>	<b>3,212,360</b>	<b>10,602,889</b>	<b>293,522</b>	<b>1,699,753</b>	<b>892,089</b>	<b>499,486</b>	<b>3,444,299</b>	<b>12,238,922</b>
Lifted from bank.....	12,006	30,830	.....	10	218	6,045	6,273	6,999
Lifted from waste heap.....	800	.....	.....	.....	.....	.....	1,133	.....
<b>Total output.....</b>	<b>3,109,554</b>	<b>10,572,059</b>	<b>293,522</b>	<b>1,699,743</b>	<b>891,871</b>	<b>493,441</b>	<b>3,436,893</b>	<b>12,231,923</b>

**Table 103.—Total Shipments of Coal from Alberta Mines, by Grades and Destination, 1945 and 1946**  
(Short tons)

Destination	1945					1946				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	350,655	582,305	310,453	248,659	1,492,072	276,037	606,459	339,513	316,496	1,538,505
Saskatchewan.....	29,330	674,527	342,711	219,268	1,265,845	36,925	769,490	407,566	254,771	1,468,752
British Columbia.....	29,762	313,631	204,205	223,467	861,065	45,253	354,829	337,244	242,161	979,487
Manitoba.....	11,154	299,297	125,448	81,499	517,394	25,300	304,772	162,758	102,044	654,874
Ontario.....	125	117,004	124,199	25,029	266,337	42,459	129,869	111,418	70,653	333,397
Quebec.....										
China.....						5,002				37,865
United States.....	21,004	56,825	50,122	34,648	162,599	5,015	20,194	50,082	61,380	137,271
Ships' bunkers.....	20,394				28,381	1,203	990		19,577	21,770
Railroads—										
In Canada.....	2,380,451	3,570	18,930	47,291	2,450,242	2,769,547	19,256	57,186	33,520	2,879,449
In United States.....	6,009			1,646	7,655	14,030				14,030
<b>Total.....</b>	<b>2,848,893</b>	<b>2,047,159</b>	<b>1,266,068</b>	<b>881,507</b>	<b>7,043,627</b>	<b>3,229,771</b>	<b>2,264,859</b>	<b>1,466,345</b>	<b>1,133,465</b>	<b>8,085,449</b>

**Table 104.—Shipments of Bituminous Coal from Alberta Mines, by Grades and Destination, 1945 and 1946**

(Short tons)

Destination	1945		1946			
	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	362,972	21,361	117,461	72,187	115,856	326,865
Saskatchewan.....	198,668	12,014	128,454	80,105	14,129	234,702
British Columbia.....	635,533	42,661	189,952	231,605	228,083	692,301
Manitoba.....	214,363	20,747	94,613	71,103	89,807	276,279
Ontario.....	49,052	38,006	13,093	40,246	65,267	156,612
United States.....	127,195	5,015	17,197	45,217	59,877	127,396
China.....		5,002			32,863	37,865
Ships' bunkers.....	20,394	1,203	990		19,577	21,770
Railroads—						
In Canada.....	2,446,972	2,769,547	19,256	57,186	33,478	2,879,447
In the United States.....	7,655	14,030				14,030
<b>Total.....</b>	<b>4,002,811</b>	<b>2,929,586</b>	<b>581,016</b>	<b>597,629</b>	<b>658,937</b>	<b>4,767,168</b>

**Table 105.—Shipments of Sub-Bituminous Coal from Alberta Mines, by Grades and Destination, 1945 and 1946**

(Short tons)

Destination	1945		1946			
	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	1,159,100	254,676	488,098	267,326	200,840	1,211,640
Saskatchewan.....	1,067,177	24,011	641,036	327,461	240,642	1,231,050
British Columbia.....	225,527	2,592	104,877	105,630	14,078	287,186
Manitoba.....	303,033	4,553	270,159	91,655	12,237	374,604
Ontario.....	217,305	4,453	115,776	71,170	5,386	196,785
Quebec.....						
United States.....	35,404		2,997	5,465	1,503	9,365
Railroads—						
In Canada.....	3,270				42	42
In the United States.....						
<b>Total.....</b>	<b>3,040,816</b>	<b>291,185</b>	<b>1,683,843</b>	<b>868,716</b>	<b>474,528</b>	<b>3,318,273</b>

Table 106.—Exports of Canadian Coal through Alberta Ports, 1942-1946  
(Short tons)

Port	1942	1943	1944	1945	1946
Coutts.....	3,739	1,908	2,462	1,824	1,756
Lethbridge.....	225	284	183	130	115
Medicine Hat.....	451				
Total.....	4,415	2,192	2,645	1,954	1,871

Table 107.—\*Imports into Alberta of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1945 and 1946  
(Short tons)

Port	Source	1945				1946						Total
		Anthra-	Bitum-	Lig-	Total	Anthracite			Total	Bitum-	Lig-	
						cate	inous	nite			Total	
Calgary.....	U.S.....		163		163							
Edmonton.....	U.S.....	1	971		972					918		918
Lethbridge.....	U.S.....		87	17	104					81	5	86
Medicine Hat.....	U.S.....									39		39
Total.....	U.S.....	1	1,221	17	1,239					1,038	5	1,043

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

Table 108.—Summary Statistics for Alberta in 1946—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds  
(Short tons)

Month	Canadian coal				Imported from U.S.A.	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
January—						
Bituminous.....	476,412	2,613	115,273	48	49	363,753
Sub-bituminous.....	457,743		272,557	159	5	185,027
Lignite.....						5
Total.....	934,155	2,613	387,830	207	54	548,785
February—						
Bituminous.....	462,351	1,627	110,064	52		344,862
Sub-bituminous.....	374,757		233,682	138		140,937
Lignite.....						
Total.....	837,108	1,627	352,746	190		485,799
March—						
Bituminous.....	492,047	1,447	112,760	116	98	380,716
Sub-bituminous.....	270,813		185,104	91		85,618
Lignite.....						
Total.....	762,860	1,447	297,864	207	98	466,334
April—						
Bituminous.....	439,445	1,755	84,382		48	356,966
Sub-bituminous.....	192,243		131,913	161		60,169
Lignite.....						
Total.....	631,688	1,755	216,295	161	48	417,035
May—						
Anthracite.....						
Bituminous.....	470,177	1,684	99,080	5		372,746
Sub-bituminous.....	191,833		135,952	22		55,879
Lignite.....						
Total.....	662,030	1,684	235,032	27		428,625
June—						
Bituminous.....	448,642	2,587	129,444	86		321,719
Sub-bituminous.....	189,479		133,355	77		56,047
Lignite.....						
Total.....	638,121	2,587	262,700	143		377,786
July—						
Bituminous.....	461,503	2,243	124,367		445	339,824
Sub-bituminous.....	181,721		105,083	17		56,021
Lignite.....						
Total.....	623,224	2,243	230,050	17	445	395,845
August—						
Anthracite.....						
Bituminous.....	498,049	2,318	141,624	58	99	358,784
Sub-bituminous.....	269,274		173,983			95,291
Lignite.....						
Total.....	767,323	2,318	315,607	58	99	454,075
September—						
Bituminous.....	442,984	2,675	117,440		165	328,384
Sub-bituminous.....	271,572		159,161	61		112,350
Lignite.....						
Total.....	714,556	2,675	276,601	61	165	440,734
October—						
Bituminous.....	455,119	2,875	107,028	78	44	350,932
Sub-bituminous.....	308,920		175,930	104		152,888
Lignite.....						
Total.....	764,039	2,875	282,958	182	44	483,818
November—						
Bituminous.....	366,917	1,872	95,655	62		273,072
Sub-bituminous.....	365,673		187,767	140		177,766
Lignite.....						
Total.....	732,590	1,872	283,422	202		450,838
December—						
Bituminous.....	375,772	2,497	113,768	313	90	264,278
Sub-bituminous.....	382,845		201,538	103		181,204
Lignite.....						
Total.....	758,617	2,497	315,306	416	90	445,482
Total—						
Anthracite.....						
Bituminous.....	5,389,418	26,163	1,359,885	798	1,038	4,055,936
Sub-bituminous.....	2,436,883		2,096,625	1,073	5	1,339,195
Lignite.....						5
Total.....	8,826,311	26,163	3,456,510	1,871	1,043	5,395,136

Table 109.—Employees, Salaries and Wages, at the Coal Mines of Alberta, by Districts, 1945

District	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners			Total	Salaries	Wages
	Male	Female	Surface	Under-ground				
BITUMINOUS—							\$	\$
Cascade	42	2	106	163	313	128,828	585,369	714,197
Coalspur	38	3	227	297	565	110,481	1,285,767	1,396,248
Crowsnest	180	13	449	1,482	2,124	476,384	3,885,357	4,361,741
Halcourt					2		2,121	2,121
Highwood								
Lethbridge	30	10	126	445	611	100,642	1,173,465	1,274,107
Magrath					1	2	2,228	614
Morley	1							2,812
Mountain Park	75	2	239	474	790	213,808	1,608,250	1,822,058
Nordegg	36	4	180	240	460	101,238	868,023	969,261
Pekisko				1		5	6,359	6,359
Pincher						1		447
Prairie Creek	2		2	6	10	5,354	11,632	16,986
Saunders	13		27	77	117	34,225	227,066	261,291
Total Bituminous	417	34	1,357	3,192	5,000	1,173,188	9,654,470	10,827,658
Sub-bituminous—								
Ardley	1		5	13	19	933	11,422	12,355
Big Valley	2		2	13	17	2,777	17,147	19,924
Brooks	6		52		58	10,000	118,000	128,000
Camrose	9	1	36	40	86	24,197	115,628	139,825
Carbon	6		20	61	87	7,431	117,846	125,277
Castor	9	1	20	62	92	9,093	84,612	93,705
Champion	3		1	10	14	4,980	14,067	19,047
Drumheller	109	13	335	1,589	2,016	291,864	3,886,256	4,178,120
Edmonton	47		86	382	515	79,000	793,519	872,525
Gleichen	7		5	34	46	10,065	41,615	51,686
High Prairie					1	1	200	200
Milk River	1		1	3	5	800	1,650	2,450
Pakar					1		506	506
Pakowki						1		
Pemtina	4		18	56	78	10,034	117,210	127,244
Redcliff	1		5	13	19	2,400	26,000	28,400
Rochester	4		4		8	1,699	7,432	9,131
Seismuth								
Steinbach	9		18	2	29	9,312	24,073	33,385
Steveville								
Tabor	8		59	9	76	14,000	179,005	193,005
Tofield	9		59	5	73	20,042	94,557	114,599
Westlock	1				1	2	550	1,050
Wetaskiwin	1				1	2	731	2,500
Whitecourt	1				1	300		300
Area not designated					1		200	200
Total Sub-bituminous	238	15	727	2,296	3,276	500,214	5,653,045	6,154,159
Total Alberta	655	49	2,084	5,488	8,276	1,673,402	15,308,415	16,981,817

Note.—Salaried employees at head office not located at the mine are included in table 109.

Table 110.—Employees, Salaries and Wages, at the Coal Mines of Alberta, by Districts, 1946

District	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners			Salaries	Wages	Total
	Male	Female	Surface	Under-ground	Total			
<b>BITUMINOUS—</b>								
Cascade.....	38		122	158	318	103,854	578,940	682,794
Coalspur.....	61	4	312	330	707	142,616	1,534,487	1,677,185
Crowsnest.....	196	4	492	1,541	2,233	455,498	4,338,003	4,793,501
Halcourt.....			2	2	4		3,906	3,906
Highwood.....								
Lethbridge.....	33	3	126	428	590	51,619	1,197,600	1,249,219
Mountain Park.....	71	1	254	419	745	180,448	1,694,113	1,874,561
Morley.....	1			3	4	2,228	1,200	3,428
Nordegg.....	13	2	214	210	469	38,293	1,012,188	1,050,481
Pekisko.....			2	4	6		4,203	4,203
Pincher.....			1	1	2		992	992
Prairie Creek.....							300	300
Saunders.....	15		26	79	120	39,900	257,897	297,797
Total bituminous.....	428	14	1,551	3,205	5,198	1,012,458	10,623,829	11,636,287
<b>Sub-BITUMINOUS—</b>								
Ardley.....	1		5	8	14		20,352	20,352
Big Valley.....	2		4	16	22	1,743	23,327	25,070
Brooks.....	5		36		41	12,000	60,509	72,509
Camrose.....	7		39	39	85	18,220	122,915	141,138
Carbon.....	5		22	69	96	6,190	144,511	150,704
Castor.....	11	1	18	51	81	7,268	73,166	80,434
Champion.....	2		1	9	12	4,800	14,069	18,869
Drumheller.....	100	12	335	1,665	2,112	298,274	4,447,183	4,745,457
Edmonton.....	38	3	92	442	575	66,474	1,102,341	1,168,815
Gleichen.....	5		3	31	39	7,126	42,818	49,911
Milk River.....			2	4	6		4,100	4,100
Pakana.....								
Pakowki.....			1		1		200	200
Pembina.....	7		23	56	86	9,811	133,350	143,191
Redcliff.....	1		3	12	16	2,400	16,000	18,400
Rochester.....	4		3		7	4,103	4,413	8,516
Sexsmith.....								
Sheerness.....	7		19	3	29	7,980	27,080	35,060
Steveville.....								
Taber.....	8	2	46	8	64	14,618	45,899	60,517
Tofield.....	8	1	58	6	73	18,241	95,830	114,071
Westlock.....			1		1		1,907	1,907
Wetaskiwin.....			1	1	2		3,000	3,000
Whitecourt.....								
Area not designated.....	1		2		3	773	1,233	2,006
Total sub-bituminous.....	212	19	713	2,421	3,365	480,021	6,384,230	6,864,260
<b>Total Alberta.....</b>	<b>640</b>	<b>33</b>	<b>2,264</b>	<b>5,628</b>	<b>8,563</b>	<b>1,492,479</b>	<b>17,008,068</b>	<b>18,500,547</b>

NOTE.—Salaried employees at head office not located at the mine are not included in tables 110, 111, 112 or 114.

Table 111.—Employment at Coal Mines in Alberta, 1942-1946

	1942	1943	1944	1945	1946
<b>Average number of employees—</b>					
Surface.....	2,159	2,380	2,481	2,478	2,675
Underground.....	5,840	6,151	5,842	5,745	5,888
<b>Total.....</b>	<b>7,999</b>	<b>8,531</b>	<b>8,323</b>	<b>8,223</b>	<b>8,563</b>
<b>Man-days worked—</b>					
Surface.....	640,690	675,349	666,149	665,547	718,541
Underground.....	1,484,472	1,501,834	1,360,538	1,311,266	1,377,900
<b>Total.....</b>	<b>2,125,162</b>	<b>2,177,183</b>	<b>2,026,687</b>	<b>1,976,813</b>	<b>2,096,441</b>
<b>Average number of man-days worked during year—</b>					
By surface employees.....	297	284	269	260	269
By underground employees.....	254	244	233	228	234
<b>By all employees.....</b>	<b>266</b>	<b>255</b>	<b>244</b>	<b>240</b>	<b>245</b>

Table 112.—Employment and Work Done, by Months, at Coal Mines in Alberta in 1946

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	2,836	6,434	<b>9,330</b>	70,788	138,836	<b>209,624</b>
February.....	2,788	6,438	<b>9,226</b>	59,813	128,340	<b>188,158</b>
March.....	2,530	6,179	<b>8,709</b>	62,523	124,593	<b>187,086</b>
April.....	2,369	5,737	<b>8,106</b>	51,173	107,668	<b>161,841</b>
May.....	2,403	5,577	<b>7,980</b>	55,674	110,840	<b>161,514</b>
June.....	2,500	5,544	<b>8,044</b>	55,162	106,751	<b>161,913</b>
July.....	2,629	5,514	<b>8,113</b>	58,352	103,154	<b>161,506</b>
August.....	2,618	5,558	<b>8,176</b>	60,850	118,439	<b>179,289</b>
September.....	2,581	5,501	<b>8,082</b>	55,648	107,083	<b>162,732</b>
October.....	2,723	5,759	<b>8,482</b>	61,354	110,769	<b>178,123</b>
November.....	3,035	6,102	<b>9,137</b>	62,126	107,565	<b>169,691</b>
December.....	3,034	6,315	<b>9,349</b>	61,048	107,885	<b>168,933</b>
<b>Total.....</b>				<b>718,541</b>	<b>1,377,900</b>	<b>2,096,441</b>

Table 113.—Number of Man-Days' Work Done in the Coal Mines of Alberta, by Districts, 1945 and 1946

District	1945			1946		
	Surface	Under-ground	Total	Surface	Under-ground	Total
<b>BITUMINOUS—</b>						
Cascade.....	33,482	41,858	<b>75,340</b>	37,385	43,611	<b>80,996</b>
Coulsper.....	80,368	72,543	<b>152,911</b>	108,678	79,209	<b>187,887</b>
Crownnest.....	146,027	349,874	<b>495,901</b>	162,481	378,868	<b>541,349</b>
Halecourt.....	121	336	<b>457</b>	461	340	<b>801</b>
Highwood.....	40,807	102,729	<b>143,536</b>	43,049	104,728	<b>147,777</b>
Lethbridge.....	24	432	<b>456</b>	21	669	<b>690</b>
Magnath.....	73,207	134,323	<b>207,530</b>	79,434	123,999	<b>203,433</b>
Mountain Park.....	51,515	55,863	<b>107,378</b>	55,978	55,611	<b>111,589</b>
Nordegg.....	166	753	<b>919</b>	240	698	<b>938</b>
Pekisko.....	147	110	<b>257</b>	222	280	<b>502</b>
Pincher.....	834	1,403	<b>2,237</b>	91	60	<b>151</b>
Prairie Creek.....	9,197	19,830	<b>29,027</b>	9,683	22,207	<b>31,890</b>
Saunders.....						
Total bituminous.....	<b>435,895</b>	<b>780,054</b>	<b>1,215,949</b>	<b>497,723</b>	<b>810,280</b>	<b>1,308,003</b>
<b>SUB-BITUMINOUS—</b>						
Ardley.....	1,048	2,128	<b>3,176</b>	927	1,512	<b>2,439</b>
Big Valley.....	571	2,624	<b>3,195</b>	856	2,819	<b>3,672</b>
Brooks.....	14,844		<b>14,844</b>	9,494		<b>9,494</b>
Camrose.....	11,452	9,890	<b>21,342</b>	11,502	10,020	<b>21,522</b>
Carbon.....	4,868	13,585	<b>18,453</b>	5,059	15,098	<b>20,152</b>
Castor.....	5,178	14,586	<b>19,764</b>	4,551	12,130	<b>16,681</b>
Champion.....	248	2,423	<b>2,671</b>	312	2,193	<b>2,505</b>
Drumheller.....	107,083	367,763	<b>474,846</b>	112,922	395,637	<b>508,559</b>
Edmonton.....	28,387	90,414	<b>118,801</b>	29,742	101,920	<b>131,662</b>
Gleichen.....	1,515	9,040	<b>10,555</b>	1,376	7,538	<b>8,914</b>
High Prairie.....						
Mile River.....	72	72	<b>72</b>			
Pakan.....	367	548	<b>915</b>	273	308	<b>581</b>
Pakowki.....	69	184	<b>253</b>	5	88	<b>93</b>
Pembina.....	5,237	10,960	<b>16,197</b>	6,385	11,700	<b>18,085</b>
Redcliff.....	1,061	2,630	<b>3,691</b>	750	2,436	<b>3,186</b>
Rochester.....	2,001		<b>2,001</b>	1,344		<b>1,344</b>
Sherman.....						
Sheerness.....	5,221	430	<b>5,651</b>	5,831	425	<b>6,256</b>
Steverville.....						
Tuber.....	23,965	2,102	<b>26,067</b>	14,162	2,033	<b>16,195</b>
Tofield.....	16,247	1,124	<b>17,371</b>	14,751	1,246	<b>15,997</b>
Westlock.....	66	88	<b>154</b>	319	82	<b>401</b>
Wetaskiwin.....						
Whitecourt.....	29	42	<b>71</b>	57		<b>57</b>
Area not designated.....	195		<b>195</b>	200		<b>200</b>
Total sub-bituminous.....	<b>229,652</b>	<b>531,212</b>	<b>760,864</b>	<b>220,818</b>	<b>507,620</b>	<b>788,438</b>
<b>Total Alberta.....</b>	<b>665,542</b>	<b>1,311,266</b>	<b>1,976,813</b>	<b>718,541</b>	<b>1,377,900</b>	<b>2,096,441</b>

Table 114.—Employment at Coal Mines in Alberta, by Classes, 1945 and 1946

Classification	1945			1946		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	97		97	97		97
Foremen and officials.....	184	439	623	198	400	598
Clerks.....	157		157	164		164
Screenmen and loaders.....	610	16	626	653	63	716
Hand cutters and helpers.....		1,551	1,551		1,504	1,504
Machine cutters and helpers.....		305	305		359	359
Machine loaders and helpers.....		1,476	1,476		1,457	1,457
Horse haulage employees.....	14	393	407	13	409	422
Mechanical haulage employees.....	92	356	448	93	364	457
Ventilation employees.....	2	49	51	2	51	53
Roadmakers.....	2	102	104	3	217	220
Stripping shovel operators.....	16		16	12		12
Loading shovel.....	9		9	13		13
Cleaning shovel.....	3		3	3		3
Timbermen.....		358	358		359	359
Pumpmen.....	5	28	33	7	33	40
Chute loaders.....	6	171	177	4	185	189
Enginemen.....	102	3	105	118	6	124
Firemen.....	94		94	100		109
Machinists.....	84	11	95	81	10	91
Carpenters and masons.....	95	1	96	84	2	86
Other mechanics.....	152	26	178	161	22	183
All other employees.....	754	370	1,124	860	387	1,247
Total.....	2,478	5,745	8,223	2,675	5,888	8,563

## CHAPTER TEN

## BRITISH COLUMBIA

Table 115.—Output of Coal from British Columbia Mines, 1836-1946  
(Short tons)

Calendar year	Output	Value	Calendar year	Output	Value	Calendar year	Output	Value
		\$			\$			\$
1836-1846.....	214,410	765,748	1894.....	1,112,628	2,980,254	1922.....	2,927,033	14,622,317
1867.....	34,988	124,956	1895.....	1,058,045	2,834,049	1923.....	2,823,306	13,813,520
1868.....	49,286	176,020	1896.....	1,003,789	2,688,860	1924.....	2,193,667	10,601,998
1869.....	40,098	143,208	1897.....	1,019,390	2,730,511	1925.....	2,742,252	11,720,373
1870.....	33,424	119,372	1898.....	1,263,680	3,384,858	1926.....	2,613,719	10,612,915
1871.....			1899.....	1,431,101	3,833,305	1927.....	2,746,243	10,934,777
1872.....	166,274	593,836	1900.....	1,701,833	4,799,555	1928.....	2,804,594	11,094,353
1873.....			1901.....	1,919,488	5,141,487	1929.....	2,490,378	10,160,782
1874.....	90,788	243,183	1902.....	1,808,441	4,844,046	1930.....	2,083,818	8,421,572
1875.....	109,361	292,933	1903.....	1,676,581	4,490,844	1931.....	1,876,406	7,150,996
1876.....	157,007	420,555	1904.....	1,862,625	4,089,174	1932.....	1,081,490	6,392,801
1877.....	156,455	419,071	1905.....	1,945,452	5,211,031	1933.....	1,382,272	5,306,287
1878.....	213,750	572,544	1906.....	2,146,262	5,748,915	1934.....	1,485,969	5,351,108
1879.....	260,277	697,176	1907.....	2,364,898	7,390,306	1935.....	1,331,287	5,013,510
1880.....	305,045	817,086	1908.....	2,333,708	7,292,838	1936.....	1,489,171	5,493,425
1881.....	257,056	688,542	1909.....	2,006,127	8,144,147	1937.....	1,598,843	5,883,849
1882.....	323,201	805,716	1910.....	2,330,745	10,408,582	1938.....	1,440,287	5,237,077
1883.....	240,075	643,054	1911.....	2,542,532	7,945,413	1939.....	1,692,755	5,825,107
1884.....	441,130	1,181,598	1912.....	3,208,997	10,028,116	1940.....	1,867,846	6,157,560
1885.....	372,981	997,072	1913.....	2,714,420	8,482,362	1941.....	2,020,844	6,492,672
1886.....	375,415	1,005,576	1914.....	2,239,799	6,399,375	1942.....	2,168,541	7,566,822
1887.....	486,142	1,302,165	1915.....	2,005,613	6,455,041	1943.....	2,039,402	7,648,720
1888.....	539,467	1,445,001	1916.....	2,584,061	8,075,190	1944.....	2,134,231	9,099,506
1889.....	636,439	1,704,747	1917.....	2,433,888	8,235,711	1945.....	1,699,768	7,137,850
1890.....	767,586	2,056,035	1918.....	2,508,589	11,494,681	1946.....	1,638,424	7,160,881
1891.....	1,130,227	3,027,528	1919.....	3,649,510	13,512,532	Total.....	120,072,122	432,489,690
1892.....	937,218	2,510,406	1920.....	3,095,011	18,305,814			
1893.....	1,093,980	2,930,304	1921.....	2,890,291	15,076,774			

NOTE.—The tonnage shown for 1919-1946 inclusive, is the total output from all mines for previous years the figures given include only sales, colliery consumption and coal used by operators.

Table 116.—Output of Coal from British Columbia Mines, by Months, 1942-1946  
(Short tons)

Month	1942	1943	1944	1945	1946
January.....	190,425	157,652	180,945	160,603	150,553
February.....	192,601	170,188	196,740	157,871	151,656
March.....	210,465	189,535	212,100	173,047	164,396
April.....	198,479	184,779	163,279	156,080	144,448
May.....	180,915	154,987	186,402	139,596	138,087
June.....	193,885	176,465	189,349	151,197	137,580
July.....	177,892	170,812	175,849	130,075	120,026
August.....	165,182	173,858	196,190	134,028	125,353
September.....	165,478	171,728	159,436	115,143	108,475
October.....	156,111	186,106	155,762	79,890	136,385
November.....	157,535	131,302	150,779	149,644	118,566
December.....	170,663	191,990	152,400	140,684	126,890
Total.....	2,163,341	2,039,402	2,134,231	1,699,768	1,638,424

Table 117.—Output of Coal by Districts in British Columbia, 1942-1946  
(Short tons)

District	1942	1943	1944	1945	1946
Crow's Nest Pass.....	1,173,439	1,038,835	1,221,621	974,005	966,197
Inland.....	168,300	182,297	138,133	101,803	59,274
Island.....	826,802	818,270	774,477	623,960	612,953
Total.....	2,163,341	2,039,402	2,134,231	1,699,768	1,638,424

Table 118.—Output of Coal by Principal Collieries in British Columbia, 1941-1946

(Short tons)

Name	Address	1944	1945	1946
CROW'S NEST PASS DISTRICT—				
Consolidated Mg. & Smelting Co. Ltd., The.....	Trail.....	157,280		
Crow's Nest Pass Coal Co., Ltd.....	Fernie.....	1,064,341	974,005	966,197
Total.....		1,221,621	974,005	966,197
INLAND DISTRICT—				
Bulkley Valley Collieries Ltd.....	Telkwa.....	14,233	11,737	11,908
Granby Cons. M.S. & P. Co., Ltd.....	Princeton.....	9,597	5,125	
Merritt Coal Mines Ltd.....	Merritt.....	11,068		
Middleboro Collieries, Ltd.....	Princeton.....	20,202		
Princeton Tulameen Coal Co. Ltd.....	Telkwa.....	22,403	16,800	
Telkwa Company Ltd. (formerly Aveling Coal Co.).....	Vancouver.....	53,408	58,018	42,423
Tulameen Collieries Ltd.....		7,222	10,123	4,943
All other operators.....				
Total.....		138,133	101,803	59,274
ISLAND DISTRICT—				
Canadian Collieries (Dunsmuir) Ltd.....	Nanaimo.....	760,222	610,238	599,784
Chambers, R. H.....	Nanaimo.....	3,072	2,260	3,588
All other operators.....		11,183	11,462	9,581
Total.....		774,477	623,960	612,853
<b>Total British Columbia.....</b>		<b>2,134,231</b>	<b>1,699,768</b>	<b>1,638,424</b>

Table 119.—Tonnage Lost in British Columbia Mines, Showing, by Districts, the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1945 and 1946

District	Year	Per cent produced	Per cent lost	Percentage lost through:				
				Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
Crow's Nest Pass.....	1945	82	18	14.8		0.1		3.1
	1946	82	18	13.9		0.1		4.0
Inland.....	1945	85	15	1.8	6.0	0.2	2.0	5.0
	1946	84	16	2.7	4.6		0.3	8.4
Island.....	1945	85	15	6.0		0.1	0.6	8.3
	1946	84	10	6.4	0.1		0.5	9.0
<b>British Columbia.....</b>	<b>1945</b>	<b>83</b>	<b>17</b>	<b>10.6</b>	<b>0.3</b>	<b>0.8</b>	<b>0.3</b>	<b>5.0</b>
	<b>1946</b>	<b>83</b>	<b>17</b>	<b>10.7</b>	<b>0.2</b>	<b>0.1</b>		<b>6.0</b>

Table 120.—Disposition of Coal from British Columbia Mines, by Grades, 1945 and 1946  
(Short tons)

Description	1945		1946					
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
Supplied to employees for domestic consumption.....	14,309	56,100	5,257	9,227	784		15,268	65,227
Shipped as per Table 121.....	1,350,420	6,678,140	373,380	166,691	261,207	489,922	1,291,200	6,639,422
Used under colliery boilers, etc.....	21,794	68,911	89	35	88	21,165	21,377	70,420
Used by companies' railroads.....	4,616	21,743		1,369	3,006	20	1,395	20,312
Used in making coke at colliery.....	100,599	313,954				106,126	106,126	318,923
Put on bank.....	20,016	98,892	454	7,909	7,948	9,012	25,323	131,993
Put on waste heap.....	178,726						198,669	
<b>Total disposition.....</b>	<b>1,720,481</b>	<b>7,229,800</b>	<b>379,180</b>	<b>185,231</b>	<b>273,033</b>	<b>626,215</b>	<b>1,661,758</b>	<b>7,277,297</b>
Lifted from bank.....	20,713	91,941	278	7,859	6,765	8,432	23,334	116,416
<b>Total output.....</b>	<b>1,699,768</b>	<b>7,137,859</b>	<b>378,902</b>	<b>177,372</b>	<b>266,268</b>	<b>617,813</b>	<b>1,638,424</b>	<b>7,160,881</b>

Table 121.—Shipments of Coal from British Columbia Mines, by Grades and Destination, 1945 and 1946

(Short tons)

Destination	1945					1946				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
British Columbia.....	57,944	149,639	179,510	166,831	553,924	30,645	108,372	182,879	162,563	484,459
Alberta.....	91	711	18,883	19,685	640	21	1,089	24,404	26,163	
Saskatchewan.....	3,321	182	4,079	2,005	9,587	4,910	113	3,264	1,967	10,234
Manitoba.....	6,793	249	18,072	138,596	164,560	8,413	430	26,772	141,630	177,245
Ontario.....	361	247			608	1,050	321	....	19,801	21,172
Yukon.....										
United States.....		16,780	18,085	88,687	124,152	1,420	15,621	11,781	115,185	144,007
Alaska.....							2,517	288		2,805
Railroads for locomotive use—										
(a) In Canada.....	389,730	2,232	8,249	11,180	411,397	317,800	1,085	4,999	7,675	331,568
(b) In the United States.....	11,655		961	25,288	37,904	8,284		42	135	8,461
Bunker.....		10,557	7,909	40,137	58,603	200	38,211	30,093	16,562	85,066
<b>Total.....</b>	<b>469,301</b>	<b>179,886</b>	<b>238,776</b>	<b>491,857</b>	<b>1,380,120</b>	<b>373,380</b>	<b>166,691</b>	<b>261,207</b>	<b>489,922</b>	<b>1,291,200</b>

Table 122.—Exports of Canadian Coal through British Columbia Ports, 1942-1946

(Short tons)

Port	1942	1943	1944	1945	1946
Cranbrook.....	238,119	492,961	427,230	276,580	259,738
Nanaimo.....	60,983	16,011	49,121	36,703	95,934
Nelson.....		138			
New Westminster.....	1,870	96,070	21,508	47,266	52,477
Penticton.....	155	79	104	225	40
Prince Rupert.....	112	9	30	55	263
Trail.....	3	14	18	27	5
Vancouver.....	917		5,140		377
Victoria.....					
<b>Total.....</b>	<b>302,159</b>	<b>605,282</b>	<b>503,151</b>	<b>360,856</b>	<b>408,834</b>

Table 123.—\*Imports Into British Columbia of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1945 and 1946

(Short tons)

Port	Source	1945				1946						
		Anthracite	Bitum- inous, all grades	Lignite	Total	Anthracite				Bitum- inous, all grades	Lignite	Total
						Grate, egg, stove, nut, d'bles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizee, n.o.p.	Total			
Cranbrook.....	U.S.									134		134
Nelson.....	U.S.	123		123						124	97	221
New Westminster.....	U.S.	245	123	368								
Penticton.....	U.S.	26		26						40		40
Prince Rupert.....	U.S.	82		82						133		133
Trail.....	U.S.						322	322				322
Vancouver.....	U.S.	1,200	76	1,276				44	44	1,230		1,274
	G.B.	6	6	6						129		129
Victoria.....	U.S.											
<b>Total.....</b>	<b>U.S.</b>	<b>1,676</b>	<b>199</b>	<b>1,875</b>				<b>366</b>	<b>366</b>	<b>1,790</b>	<b>97</b>	<b>2,253</b>
<b>Grand Total.....</b>	<b>G.B.</b>	<b>6</b>	<b>6</b>	<b>6</b>				<b>366</b>	<b>366</b>	<b>1,790</b>	<b>97</b>	<b>2,253</b>

\* The total tonnage received at British Columbia ports of entry. See page 4, section 2, for explanation.

Table 124.—Summary Statistics for British Columbia in 1946—Output, Exports, Inter-provincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds

(Short tons)

Month	Canadian coal				Imported from U.S.A.	Imported from Great Britain	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported			
January—							
Bituminous.....	159,553	67,164	22,039	25,099	189		179,768
Sub-bituminous.....		33,142				21	33,142
Lignite.....							21
Total.....	159,553	100,306	22,039	25,099	210		212,031
February—							
Anthracite.....						44	44
Bituminous.....	151,656	65,208	18,461	22,452	259		176,210
Sub-bituminous.....		25,754				41	25,754
Lignite.....							41
Total.....	151,656	90,962	18,461	22,452	344		202,049
March—							
Bituminous.....	164,396	65,117	20,328	40,748	99		168,536
Sub-bituminous.....		24,267					24,267
Lignite.....							
Total.....	164,396	89,384	20,328	40,748	99		192,803
April—							
Bituminous.....	144,448	54,980	16,385	41,274	279		142,038
Sub-bituminous.....		18,720					18,720
Lignite.....							
Total.....	144,448	73,700	16,395	41,274	279		160,758
May—							
Bituminous.....	138,087	48,443	21,152	35,556	32		129,854
Sub-bituminous.....		19,321					19,321
Lignite.....							
Total.....	138,087	67,764	21,152	35,556	32		149,175
June—							
Bituminous.....	137,580	55,537	22,983	36,155			133,979
Sub-bituminous.....		21,222					21,222
Lignite.....							
Total.....	137,580	76,759	22,083	36,155			155,201
July—							
Bituminous.....	126,026	53,539	20,881	40,192	310		118,802
Sub-bituminous.....		16,496					16,496
Lignite.....							
Total.....	126,026	70,035	20,881	40,192	310		135,298
August—							
Bituminous.....	126,353	61,282	20,601	32,857	143		134,320
Sub-bituminous.....		24,050					24,056
Lignite.....							
Total.....	126,353	85,338	20,601	32,857	143		158,376
September—							
Anthracite.....						322	322
Bituminous.....	108,475	60,951	18,351	30,606	165		120,634
Sub-bituminous.....		22,626					22,626
Lignite.....							
Total.....	108,475	83,577	18,351	30,606	487		143,582

Table 124.—Summary Statistics for British Columbia in 1946—Output, Exports, Inter-provincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds—Concluded

(Short tons)

Month	Canadian coal				Imported from U.S.A.	Imported from Great Britain	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported			
October—							
Bituminous.....	130,385	53,949	21,324	35,409	129		133,730
Sub-bituminous.....		23,688					23,688
Lignite.....							
Total.....	136,385	77,637	21,324	35,409	129		157,418
November—							
Bituminous.....	118,566	47,936	14,515	26,228	147		125,906
Sub-bituminous.....		30,794					30,794
Lignite.....							35
Total.....	118,566	78,730	14,515	26,228	182		156,735
December—							
Bituminous.....	126,899	58,195	17,804	42,258	38		125,070
Sub-bituminous.....		27,100					27,100
Lignite.....							
Total.....	126,899	85,295	17,804	42,258	38		152,170
Total—							
Anthracite.....							366
Bituminous.....	1,638,424	692,301	234,834	408,834	1,790		1,688,847
Sub-bituminous.....		287,186					287,186
Lignite.....							97
Total.....	1,638,424	979,487	234,834	408,834	2,253		1,976,496

Table 125.—Employees, Salaries and Wages in the Coal Mines of British Columbia, by Districts, 1945 and 1946

District	Average number of employees				Salaries and wages		
	Salaried employees		Daily wage-earners		Total	Salaries	
	Male	Female	Surface	Under-ground		Wages	Total
1945							
Crow's Nest Pass.....	71	9	150	805	1,044	237,213	1,780,120
Inland.....	22	2	31	122	177	45,016	267,579
Island.....	137	23	383	840	1,343	418,963	2,162,928
British Columbia.....	230	34	573	1,767	2,604	701,192	4,219,627
1946							
Crow's Nest Pass.....	82		160	760	1,002	112,890	1,998,345
Inland.....	9		18	93	120	14,308	198,017
Island.....	97	8	361	805	1,271	260,405	2,362,808
British Columbia.....	188	8	539	1,658	2,393	387,693	4,559,170
							4,946,773

NOTE.—Data for 1946 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 126.—Employment and Earnings in the Coal Mines of British Columbia,  
1942-1946

	1942	1943	1944	1945	1946
<b>Average number of employees—</b>					
Surface.....	689	790	862	684	647
Underground.....	1,881	1,958	1,993	1,852	1,746
<b>Total.....</b>	<b>2,570</b>	<b>2,748</b>	<b>2,855</b>	<b>2,536</b>	<b>2,393</b>
<b>Man-days worked—</b>					
Surface.....	203,536	231,709	248,503	184,337	174,187
Underground.....	519,838	491,838	481,181	428,091	400,713
<b>Total.....</b>	<b>723,374</b>	<b>723,547</b>	<b>729,774</b>	<b>614,028</b>	<b>574,900</b>
<b>Average number of man-days worked during year—</b>					
By surface employees.....	295	293	288	269	269
By underground employees.....	276	251	241	232	230
<b>By all employees.....</b>	<b>281</b>	<b>263</b>	<b>256</b>	<b>242</b>	<b>240</b>

Table 127.—Employment, and Work Done by Months at the Coal Mines  
of British Columbia in 1946

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	666	1,883	<b>2,549</b>	16,350	39,708	<b>56,058</b>
February.....	662	1,883	<b>2,545</b>	15,478	36,629	<b>52,107</b>
March.....	668	1,860	<b>2,528</b>	16,389	38,770	<b>55,159</b>
April.....	646	1,752	<b>2,398</b>	14,415	34,831	<b>49,246</b>
May.....	648	1,739	<b>2,387</b>	14,539	34,889	<b>49,448</b>
June.....	633	1,714	<b>2,347</b>	13,919	33,305	<b>47,224</b>
July.....	636	1,645	<b>2,281</b>	14,031	31,611	<b>45,612</b>
August.....	638	1,642	<b>2,280</b>	14,193	30,441	<b>44,634</b>
September.....	638	1,586	<b>2,224</b>	13,921	27,285	<b>41,206</b>
October.....	638	1,688	<b>2,326</b>	13,265	33,101	<b>46,366</b>
November.....	652	1,757	<b>2,409</b>	13,808	28,846	<b>42,654</b>
December.....	642	1,790	<b>2,432</b>	13,859	31,297	<b>45,156</b>
<b>Total.....</b>				<b>174,187</b>	<b>400,713</b>	<b>574,900</b>

Table 128.—Number of Man-Days Worked at Coal Mines in British Columbia,  
by Districts, 1945 and 1946

District	1945			1946		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Crow's Nest Pass.....	50,731	192,343	<b>243,074</b>	52,009	181,715	<b>233,724</b>
Inland.....	8,961	31,654	<b>40,615</b>	5,331	21,955	<b>27,336</b>
Island.....	124,645	205,694	<b>330,339</b>	116,827	197,013	<b>313,840</b>
<b>Total.....</b>	<b>184,337</b>	<b>429,691</b>	<b>614,028</b>	<b>174,187</b>	<b>400,713</b>	<b>574,900</b>

Table 129.—Employment at Coal Mines in British Columbia, by Classes, 1945 and 1946

Classification	1945			1946		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	15		15	14		14
Foremen and officials.....	71	103	174	66	104	170
Clerks.....	38		38	33		33
Screenmen and loaders.....	89		89	86		86
Hand cutters and helpers.....		220	220		189	189
Machine cutters and helpers.....		226	226		215	215
Machine loaders and helpers.....		598	598		513	513
Stripping shovel.....						
Loading shovel.....						
Horse hauling employees.....	12	72	84	12	61	73
Mechanical hauling employees.....	23	340	363	21	335	356
Ventilation employees.....		19	19		22	22
Roadmakers.....	1	39	40	1	37	38
Timbermen.....	13	104	117	13	101	114
Pumpmen.....						
Chute loaders.....	1	6	7		21	21
Enginemen.....	24		24	20	1	21
Firemen.....	23		23	15		15
Machinists.....	23		23	15		15
Carpenters and masons.....	43	11	54	31	5	36
Other mechanics.....	52	33	85	42	35	77
All other white employees.....	177	81	258	238	77	315
Japanese.....						
Chinese.....	78		78	30		39
Indians.....	1		1	1		1
<b>Total.....</b>	<b>689</b>	<b>1,852</b>	<b>2,536</b>	<b>647</b>	<b>1,746</b>	<b>2,393</b>

## CHAPTER ELEVEN

## YUKON

Table 130.—Output of Coal from Yukon Mines, 1901-1946

(Short tons)

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
1901.....(a)	5,864	\$8,230	1915.....	9,724	38,896	1929.....	458	1,848
1902.....	4,910	37,280	1916.....	3,300	13,200	1930.....	653	3,110
1903.....	1,849	29,584	1917.....	4,872	129,232	1931.....	904	5,039
1904.....			1918.....	2,900	11,600	1932.....	808	3,491
1905.....	7,000	21,000	1919.....			1933.....	862	3,670
1906.....	7,000	28,000	1920.....			1934.....	638	2,217
1907.....	15,000	60,000	1921.....	233	2,472	1935.....	835	3,483
1908.....	3,847	21,158	1922.....	465	4,650	1936.....	510	2,286
1909.....	7,384	49,502	1923.....	313	1,485	1937.....	84	812
1910.....	16,185	110,925	1924.....	1,121	8,205	1938.....	361	2,400
1911.....	2,840	12,780	1925.....	730	7,147	1939-1946.....		
1912.....	3,245	44,958	1926.....	316	800			
1913.....	19,722	95,845	1927.....	414	2,052	Total.....	145,184	803,192
1914.....	13,443	53,760	1928.....	414	2,915			

(a) Part of this production was mined in 1900.

† Value not reported, but estimated.

Note.—For the years 1919-1938 the tonnage shown is the total output from all mines; for previous years the figures shown include only sales, colliery consumption and coal used by operators.

Table 131.—Imports of Bituminous Coal into Yukon and Exports of Canadian Coal through Yukon Ports, 1942-1946

(Short tons)

—	1942	1943	1944	1945	1946
<b>Imports—</b>					
Dawson.....					
White Horse.....		8			
<b>Total.....</b>	<b>8</b>				
<b>Exports—</b>					
Dawson.....					
White Horse.....					
<b>Total.....</b>	<b></b>				

## APPENDIX ONE

### 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, 1931, unless, due to changed competitive conditions, it is found that the differential calculated for this basic period can be reduced without impairing the selling 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, 1930;
  - (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, Chap. 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, Chnp. 11).
- (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)**

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)

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, 1936.
- 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. 3969 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)

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. 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)**

*A modifying Section 7, of P.C. 3969*

WHEREAS by Order in Council P.C. 5463 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. 5463 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)**

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)

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 Pointe 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 Bayline 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. 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.
  - (5) The assistance shall not apply on shipments of less than carload lots.
  - (6) 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.
  - (7) 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.
  - (8) The Minister of Mines be given the right to refuse approval in each and every application for assistance under this authority.
  - (9) 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 period of sixty days from the date of this Order in Council.

## P.C. 1683—(March 2, 1943)

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.

Certified to be a true copy.

## SASKATCHEWAN COAL TO MANITOBA AND WESTERN ONTARIO

## P.C. 3972—(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. 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 Carrie, 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)

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. 19/606 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 which shipped the coal.
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)**

*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,—

- (a) 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:—
  - (i) 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.
  - (ii) 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)**

*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,—

- (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 construed under authority of such acceptances until canceled.

## ALBERTA COAL TO BRITISH COLUMBIA

### P.C. 10592 (November 27, 1942)—(Suspended November 15, 1946)

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 a 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 as and after November 27, 1942, and until suspended.

### P.C. 4226—(May 24, 1943)—(Suspended November 15, 1946)

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)

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.

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