

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

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# COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEAR

1932

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1933

## NOTES ON STATISTICS OF PRODUCTION

In the collection of production data, the Dominion Bureau of Statistics makes a division between primary and secondary production. In the first-named class, there are separate sections for the collection of statistics on (a) **Agricultural Products**, (b) **Furs**, (c) **Fish**, (d) **Forest Products**, (e) **Mineral Products**.

In the second are included (a) **Manufacturing** and (b) **Construction**.

**Manufacturing** is subdivided into nine groups of industries, producing concerns being classified according to the principal component material of their major products. For example, manufacturers of leather goods are classified under "Animal Products"; the pulp and paper industry under "Wood and Paper," etc. An outline of the scheme of classification in use for manufacturing industries is given below:

### *Manufactures of—*

- (1) **Vegetable Products**, including—Coffee and Spices; Cocoa and Chocolate; Preserved and Canned Products; Pickles, Vinegar and Cider; Flour and Cereals; Bread and other Bakery Products; Macaroni and Vermicelli; Distilled and Brewed Liquors and Wines; Rubber Products; Starch and Glucose; Sugar; Tobacco Products; Linseed Oil and Oil Cake.
- (2) **Animal Products**, including—Fish and Fish Products; Dairy Factory Products; Meat and Meat Products; Leather and Leather Products; Furs and Fur Products.
- (3) **Textiles and Textile Products**, including—Cotton Textiles (Cloth, Yarn, Thread and Waste); Woolen Textiles (Cloth, Yarn, Blankets, Felt and Waste); Silk Products; Factory-Made Clothing; Carpets, Rugs and Mats; Cordage, Rope and Twine.
- (4) **Wood and Paper**, including—Pulp and Paper Mill Products; Paper Goods; Printing, Publishing and Lithographing; Saw and Planing Mill Products; Furniture; Carriages, Wagons and Sleighs; Wooden Containers; Woodenware; Turned Wood Products; and the Output of Similar Wood-Using Industries.
- (5) **Iron and Steel and Their Products**, including—Pig Iron and Ferro-Alloys; Steel and Rolled Products; Castings and Forgings; Boilers, Tanks and Engines; Agricultural Implements; Machinery; Automobiles; Auto Parts and Accessories; Bicycles; Railway Rolling Stock; Wire and Wire Goods; Sheet Metal Products; Hardware and Tools; Bridge Building and Structural Steel Work; Miscellaneous Iron and Steel Products.
- (6) **Manufactures of Non-Ferrous Metal Products**, including—Aluminium Products; Brass and Copper Products; Lead, Tin and Zinc Products; Jewellery and Silverware; Electrical Apparatus and Supplies; Non-Ferrous Smelting and Refining; Miscellaneous Non-Ferrous Metal Products.
- (7) **Manufactures of the Non-Metallic Minerals**, including—Aerated Waters—Asbestos Products—Cement—Cement Products—Coke and Gas—Glass (blown, cut, ornamental, etc.)—Lime—Petroleum Products—Products from Domestic Clays—Products from Imported Clays—Salt—Sand-Lime Brick—Dressed Stone—Artificial Abrasives and Abrasive Products—Miscellaneous Non-Metallic Mineral Products including (a) Artificial Graphite and Electrodes (b) Gypsum Products (c) Mica Products (d) Magnesite Products (e) Miscellaneous Non-Metallic Mineral Products, n.e.s.
- (8) **Chemicals and Allied Products**, including—Coal Tar Distillation; Acids, Alkalies, and Salts—Compressed Gases; Explosives, Ammunition and Fireworks; Fertilizers; Medicinal and Pharmaceutical Preparations; Paints, Pigments and Varnishes; Soaps and Washing Compounds—Toilet Preparations; Inks; Adhesives; Polishes and Dressings; Wood Distillation; Miscellaneous Chemical Products including (a) Baking Powder, (b) Boiler Compounds, (c) Plastics; (d) Insecticides; (e) Sweeping Compounds, (f) Disinfectants; (g) Matches; (h) Dyes and Colours; (i) Chemical Products, n.e.s.
- (9) **Miscellaneous Products**, including—Brooms and Brushes; Electric Light and Power; Musical Instruments, etc.

The statistics of manufactures are also classified according to the **use or purpose** of the end product as follows:—

- (1) **Food**, including—Breadstuffs; Fish; Nuts; Fruits and Vegetables; Meats; Milk Products; Oils and Fats; Sugar; Infusions; Miscellaneous.
- (2) **Drink and Tobacco**, including—Beverages, alcoholic; Beverages, non-alcoholic; Tobacco.
- (3) **Clothing**, including—Boots and Shoes; Fur Goods; Garments and Personal Furnishings; Gloves and Mitts; Hats and Caps; Knitted Goods; Waterproofs; Miscellaneous.
- (4) **Personal Utilities**, including—Jewellery and Time-Pieces; Recreational Supplies; Personal Utilities, n.e.s.
- (5) **House Furnishings**.
- (6) **Books and Stationery**.
- (7) **Vehicles and Vessels**.
- (8) **Producers' Materials**, including—Farm Materials; Manufacturers' Materials; Building Materials; General Materials.
- (9) **Industrial Equipment**, including—Farming Equipment; Manufacturing Equipment; Trading Equipment; Service Equipment; Light, Heat and Power Equipment; General Equipment.
- (10) **Miscellaneous**.

## PREFACE

Canada's coal production in 1932 totalled 11,738,913 short tons, a 4·1 per cent decline from the preceding year's output. New Brunswick, Manitoba, Saskatchewan and Alberta mines produced more coal than in 1931, but the curtailed production in Nova Scotia and British Columbia more than offset these increases.

Imports of coal into Canada have declined sharply during the past two years. In 1930, Canada imported 18·8 million tons, in the following year 13·5 million tons, and in 1932 only 11·7 million tons. Despite this decline in total coal imports, anthracite receipts from Great Britain advanced 59·6 per cent. Importations of anthracite coal from the United States, on the other hand, decreased 24·6 per cent.

The research work done by the Federal Department of Mines on the coking of Canadian coals from both eastern and western deposits has resulted in an increase in consumption of Canadian coal, for the manufacture of coke, at Winnipeg and Montreal. The Saskatchewan coal operators have succeeded in increasing their sales by large scale stripping and open cut methods of mining which have reduced costs. Although British Columbia's coal output declined in 1932 the coal operators in that province are apparently capturing a larger share of the available market than in previous years.

The Dominion Bureau of Statistics issues statistical information on coal and coke through three channels: (1) a monthly bulletin issued on the twentieth of each month, showing tonnage output from Canadian coal mines as well as imports and exports by provinces; (2) a printed quarterly report giving revised figures for each month under review and containing data on output by districts and by provinces, imports and exports by customs ports, tonnage lost, number of employees, etc.; and (3) the present annual printed report which assembles detailed information in permanent form.

In the monthly report early publication is the primary consideration, the production figures being assembled by postcard and by telegram. The quarterly and annual statistics which must necessarily be more accurate are obtained from producer's written reports which are signed by officers of the companies furnishing the figures.

The thanks of the Bureau are tendered to the coal operators who, through the agency of their respective provincial governments, have furnished the Bureau with data from which the present report has been compiled. The tables on imports and exports of coal have been prepared from statistics supplied monthly by the Department of National Revenue. The Bureau gratefully acknowledges its indebtedness to the governments of the coal-producing provinces and to the Department of National Revenue for co-operation in this connection.

This report has been prepared under the direction of Mr. W. H. Losee, B.Sc., Chief of the Mining, Metallurgical and Chemical Branch of the Bureau, by Mr. B. R. Hayden.

R. H. COATS,

*Dominion Statistician.*

DOMINION BUREAU OF STATISTICS,  
OTTAWA, October 12, 1933.

## 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 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 referred to, 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.

The Bureau previously also obtained a weekly statement from each mine showing daily output, but this has been discontinued as the monthly records were found to be more accurately checked.

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

In addition to the usual record of imports and exports shown by months in the quarterly trade report, a special monthly record by kinds of coal and by ports of entry is secured from the Department of National Revenue. This throws light on regional supply and keeps the general data as to supply more up to date. A similar record of exports of Canadian coal by ports of exit is maintained.

### (3) PUBLICATIONS OF THE BUREAU ON COAL

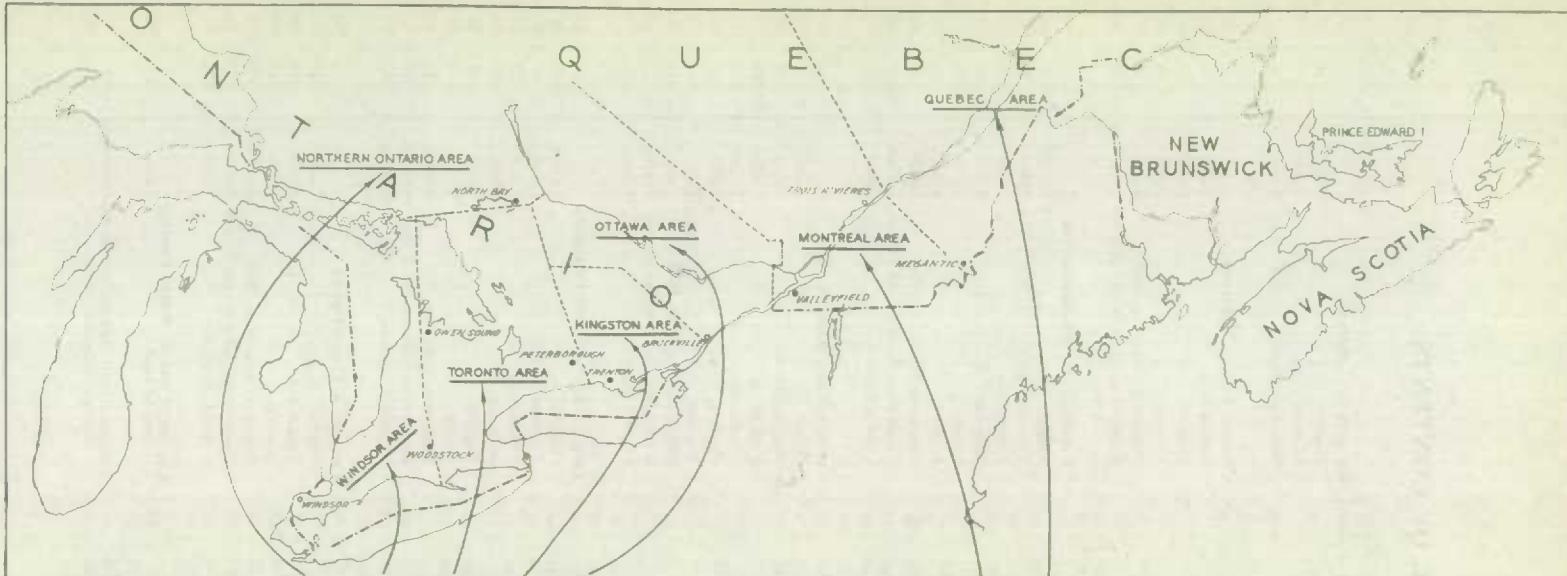
The Bureau issues the following reports:

- (1) A condensed report on production, imports and exports of coal and coke is issued monthly, publication being made about the twentieth of the next following month.
- (2) A more general review is published quarterly, showing statistics for each month, for the quarter, and for the year to date on the output by coal-mining districts and by provinces, imports and exports by ports and by kinds of coal, employment in coal-mining, and tonnage lost. There is also a section on coke showing production, imports, exports, distribution and consumption by months and by provincial groups.
- (3) A preliminary annual report on production, imports and exports; an annual report on production, imports, distribution, labour, capital, etc.

It may be added that the Bureau handled the statistical work of the Fuel Controller in 1917-18 and later, when more elaborate records were maintained, including, (a) a detailed record of dealers' costs and margins, (b) a record of the purchases of individual consumers who do not buy from dealers, but directly from the mine, such as gas companies, large industrial plants, railway companies, etc., (c) a weekly return from railway agents of cars of coal unloaded at each railway station throughout Canada, (d) a monthly statement from coal dock companies showing receipts, distribution of coal and stocks on hand. The latter records were discontinued on the cessation of fuel control, the dealers' general returns alone being maintained until March 31, 1924.

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	N. ONTARIO	WINDSOR	TORONTO	KINGSTON	OTTAWA
<b>ANTHRACITE</b>					
GREAT BRITAIN... Imported direct	4,669	—	26,919	—	—
Received ex-Montreal	25,900	2,951	283,172	13,156	92,237
UNITED STATES... Imported direct	23,254	149,490	879,668	59,567	125,042
<b>TOTAL</b>	<b>53,823</b>	<b>152,941</b>	<b>1,188,757</b>	<b>72,723</b>	<b>217,279</b>
<b>BITUMINOUS</b>					
GREAT BRITAIN... Imported direct	—	—	—	—	3,001
GREAT BRITAIN... Received ex-Montreal	—	—	2,500	—	—
UNITED STATES	1,178,947	1,771,504	4,022,827	108,682	589,271
NOVA SCOTIA	5,717	6,128	67,518	8,863	192,840
<b>TOTAL</b>	<b>1,184,664</b>	<b>1777,632</b>	<b>4,092,845</b>	<b>117,545</b>	<b>784,912</b>
In addition to the above shipments, the following tonnages were received in Ontario:					
From ALBERTA From SASKATCHEWAN					
Bituminous	426	—	—	—	—
Sub-bituminous	5,709	—	—	—	—
Lignite	14,870	8,148	—	—	—

\* Exclusive of coal moved from British Columbia and Alberta to Ontario for railway construction.

	MONTREAL	QUEBEC
<b>ANTHRACITE</b>		
GREAT BRITAIN... Imported direct	703,409	120,879
Received in Saint John NB	15,133	—
UNITED STATES... Imported direct	368,903	34,930
GERMANY... Imported direct	52,189	—
<b>TOTAL</b>	<b>1,139,634</b>	<b>155,809</b>
<b>BITUMINOUS</b>		
GREAT BRITAIN...	264,175	24,105
UNITED STATES...	446,389	20,232
NEWFOUNDLAND...	—	2
NOVA SCOTIA... Including coal for railroads	1,451,862	—
NEW BRUNSWICK...	1,048	—
<b>TOTAL</b>	<b>2,207,813</b>	<b>—</b>

NOTE: In addition to the above shipments, Quebec received 35 tons of sub-bituminous coal from Alberta.  
\* Tonnages imported into Quebec and transhipped to Ontario are not included in this item.

## RECEIPTS OF COAL IN ONTARIO AND QUEBEC BY AREAS

1932

(Short Ton)

Scale of Miles

0 50 100 150 200

## DOMINION BUREAU OF STATISTICS

R. H. COATS, B.A., F.S.S., (Hon.) F.R.S.C., Dominion Statistician.

W. H. LOSEE, B.Sc., Chief of the Mining, Metallurgical and Chemical Branch

## COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEAR 1932

### CHAPTER ONE

#### CANADA

Coal production in Canada during 1932 totalled 11,738,913 tons valued at \$37,117,695, a 4·1 per cent decline in quantity and 9·9 per cent in value from the 1931 output of 12,243,211 tons worth \$41,207,682. The production of bituminous coal in 1932 amounted to 7,714,279 tons or 12·9 per cent below the output in the preceding year; sub-bituminous coal output increased 19·0 per cent to 560,902 tons and lignite coal production was 19·0 per cent higher at 3,463,732 tons. Nova Scotia mines produced 4,084,581 tons, a decline of 17·6 per cent during the year. New Brunswick's output advanced 16·7 per cent to 212,695 tons. Manitoba's production increased slightly to 1,552 tons. An increase of 33·8 per cent was recorded in Saskatchewan's output; the 1932 total was 887,139 tons. Alberta mined 4,870,648 tons or 6·7 per cent above the preceding year's output. Continuing the yearly decline shown since 1928, British Columbia's production in 1932 of 1,681,490 tons was 10·4 per cent below the preceding year's total. The Yukon output declined 10·6 per cent to 808 tons in 1932.

Canadian coal exports declined 20·7 per cent to 285,487 tons in 1932 from the 1931 total of 359,853 tons. Prince Edward Island, Nova Scotia, New Brunswick, Quebec and Ontario ports cleared 159,487 tons of Canadian coal and the western ports, 126,000 tons.

Imports into Canada during the year totalled 11,673,428 tons or 13·7 per cent below the tonnage brought into Canada in 1931. Anthracite coal importations were recorded at 3,138,157 tons made up of 1,685,532 tons from the United States, 1,399,086 tons from Great Britain, 52,189 tons from Germany, 700 tons from French Indo-China and 650 tons from Belgium. These figures show a decided change in Canada's source of anthracite supply as the imports from Great Britain in 1932 increased 59·6 per cent and receipts from the United States, on the other hand, declined 24·6 per cent. Bituminous coal importations showed a 17·5 per cent falling off in 1932 and amounted to 8,532,318 tons as against 10,347,280 tons in 1931. Lignite coal to a total of 2,953 tons was obtained from the United States in 1932.

On the average, 25,597 wage-earners were engaged in the operation of Canada's coal mines; in the preceding year the average was 26,489. Nova Scotia and New Brunswick mines employed 13,332 men and the western mines, 12,265 men. Men working on the surface averaged 219 days employment during the year while underground men obtained only 166 days work. In addition to these wage-earners there were 1,363 salaried employees on the mine payrolls in 1932. All employees working in or about the coal mines during the year received \$25,042,769 as compared with \$28,802,428 in 1931.

The output decline in 1932 was reflected, naturally, in the number of man days work furnished employees; the total for the year was 4,544,262; in the preceding year, 4,891,541 man days work was done.

In 1932, domestic and industrial consumers in Canada used approximately 23·1 million tons of coal, in addition to considerable quantities of coke, natural and artificial gas, fuel oil, wood and electricity. Coke made available for consumption during the year totalled 2,274,034 tons as against 2,545,069 tons imported in 1931. Sales of coke in Canada were recorded at 1,002,816 tons or 61·2 per cent of the total output for the year. Coke imports decreased 11·1 per cent to 651,802 tons from the 1931 total of 733,274 tons. The coal equivalent of coke imported during the year was 1,002,771 tons. Canadian coal used in the manufacture of coke totalled 449,264 tons, in addition to which 1,767,748 tons of imported coal were carbonized.

Sales of manufactured gas to domestic and industrial consumers amounted to 17,083,631 thousand cubic feet in 1932 as compared with 17,111,432 thousand cubic feet a year ago. Natural gas consumption was at a lower level in 1932 and included 15,600,000 thousand cubic feet for domestic purposes and 7,300,000 thousand cubic feet for industrial use. Domestic consumption of natural gas in 1932 represented an estimated displacement of 624,000 tons of coal.

The total consumption of fuel oil in Canada during the year was 460 million imperial gallons as against 488 million imperial gallons in 1931. A survey of domestic fuel consumption made by the Dominion Fuel Board indicated that 57,617,000 gallons of fuel oil were used for domestic heating in Quebec, Ontario and Manitoba during 1931. A possible coal displacement of 411,550 tons is shown by this fuel oil consumption as compared with 404,700 tons in 1930.

Table 1.—Coal Resources of Canada and of the World\*  
("000" omitted)

Province	Actual reserve		Probable reserve		Total metric tons	
	Calculation based on actual thickness and extent		Approximate estimate			
	Area Square miles	Metric tons	Area Square miles	Metric tons		
<b>Canada—</b>						
Nova Scotia.....	174.31	2,198,151	346.5	7,530,817	9,718,968	
New Brunswick.....			121.0	151,000	151,000	
Ontario.....			10.0	25,000	25,000	
Manitoba.....			48.0	160,000	160,000	
Saskatchewan.....	306.0	2,412,000	13,100.0	57,400,000	59,812,000	
Alberta.....	25,300.0	386,392,800	56,578.0	686,254,600	1,072,617,400	
British Columbia.....	439.0	23,831,242	5,606.0	52,203,700	76,031,912	
Yukon.....			2,840.0	4,940,000	4,940,000	
North West Territories.....			300.0	4,800,000	4,800,000	
Arctic Islands.....			6,000.0	6,000,000	6,000,000	
<b>Total.....</b>	<b>28,219.31</b>	<b>1414,894,193</b>	<b>84,949.5</b>	<b>819,465,117</b>	<b>2,234,269,310</b>	
<b>The World—</b>						
Oceania.....					170,410,000	
Asia.....					1,279,566,000	
Africa.....					57,432,000	
America.....					5,105,525,000	
Europe.....					784,190,000	
<b>Total.....</b>					<b>7,397,553,000</b>	

\*From The Coal Resources of the World published by the Twelfth International Geological Congress, 1913.

†In this total 20,000,000 tons have been deducted for the amount of coal extracted in Alberta to 1911.

Table 2.—Output of Coal from Canadian Mines, 1785-1932

Year	Short tons	Value	Average per ton	Year	Short tons	Value	Average per ton
\$	\$	\$	\$				
1785-1866.....	2,863,826	4,905,462	1.71	1901.....	6,486,325	12,699,243	1.96
1867.....	631,320	1,056,725	1.67	1902.....	7,466,681	15,210,877	2.04
1868.....	623,392	1,073,061	1.72	1903.....	7,960,364	15,942,833	2.00
1869.....	687,825	1,155,282	1.68	1904.....	8,254,595	16,592,231	2.01
1870.....	732,035	1,243,139	1.65	1905.....	8,667,948	17,520,263	2.02
1871.....				1906.....	9,762,601	19,732,019	2.02
1872.....	3,033,152	5,073,331	1.67	1907.....	10,511,426	24,381,842	2.32
1873.....				1908.....	10,886,311	25,194,573	2.31
1874.....	1,063,742	1,763,423	1.66	1909.....	10,501,475	24,781,236	2.36
1875.....	1,039,974	1,747,016	1.68	1910.....	12,909,152	30,909,779	2.39
1876.....	994,762	1,729,546	1.74	1911.....	11,323,388	26,467,646	2.34
1877.....	1,036,670	1,794,415	1.73	1912.....	14,512,829	36,019,044	2.48
1878.....	1,089,744	1,941,285	1.78	1913.....	15,012,178	37,334,940	2.49
1879.....	1,126,497	2,050,639	1.82	1914.....	13,637,529	33,471,801	2.45
1880.....	1,482,714	2,657,194	1.79	1915.....	13,267,023	32,111,182	2.42
1881.....	1,537,106	2,688,821	1.75	1916.....	14,483,395	38,817,481	2.68
1882.....	1,848,148	3,248,446	1.76	1917.....	14,046,759	43,199,831	3.08
1883.....	1,818,684	3,109,635	1.71	1918.....	14,977,926	55,192,896	3.68
1884.....	1,984,959	3,593,831	1.81	1919.....	13,919,096	55,622,670	3.99
1885.....	1,920,977	3,417,807	1.78	1920*.....	16,946,764	82,496,538	4.86
1886.....	2,118,653	3,739,840	1.77	1921*.....	15,057,493	72,451,656	4.81
1887.....	2,429,330	4,388,206	1.81	1922*.....	15,157,431	65,518,497	4.32
1888.....	2,602,552	4,674,140	1.80	1923*.....	16,990,571	72,058,986	4.24
1889.....	2,658,303	4,894,287	1.84	1924*.....	13,638,197	53,593,988	3.93
1890.....	3,084,682	5,676,247	1.84	1925*.....	13,134,968	49,261,951	3.75
1891.....	3,577,749	7,019,425	1.96	1926*.....	16,478,131	59,875,094	3.63
1892.....	3,287,745	6,363,757	1.94	1927*.....	17,426,861	61,867,463	3.55
1893.....	3,783,499	7,359,080	1.95	1928*.....	17,564,293	63,757,833	3.66
1894.....	3,847,070	7,429,468	1.93	1929*.....	17,496,557	63,065,170	3.60
1895.....	3,478,344	6,739,153	1.94	1930*.....	14,881,324	52,849,748	3.55
1896.....	3,745,716	7,226,462	1.93	1931*.....	12,243,211	41,207,682	3.37
1897.....	3,786,107	7,303,507	1.93	1932*.....	11,738,913	37,117,695	—
1898.....	4,173,108	8,224,288	1.91				
1899.....	4,925,051	10,283,497	2.05				
1900.....	5,777,319	13,742,178	2.38				
				Total.....	496,151,678	1,485,637,371	—

\*For the years 1910-1932 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 3.—Output of Coal in Canada, by Grades, 1918-1932

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		11,636,190				3,226,331		14,977,926	55,192,696
1919.....	85,579		10,892,040				2,941,471		13,919,096	55,622,678
1920.....	127,513		13,122,024				3,690,327		16,916,764	82,496,538
1921.....	96,064	330,690	11,680,477	58,848,444			3,280,052	13,272,513	15,057,493	72,451,656
1922.....	40,417	122,538	11,630,488	53,348,507			3,486,526	12,047,452	15,157,431	65,518,497
1923.....	107	322	12,941,877	58,478,670	466,492	1,399,424	3,582,095	12,180,570	16,090,571	72,058,986
1924.....			9,483,732	40,062,894	590,168	1,781,086	3,564,297	11,170,008	13,638,197	53,593,988
1925.....			8,939,607	36,703,501	570,654	1,731,267	3,624,707	10,737,183	13,131,968	49,261,951
1926.....			12,393,079	48,153,572	489,730	1,458,116	3,595,316	10,263,406	16,478,131	59,875,094
1927.....			13,006,996	49,385,818	596,155	1,784,973	3,823,710	10,606,672	17,426,861	61,867,463
1928.....			12,971,744	50,584,108	740,496	2,076,212	3,852,053	11,097,513	17,561,293	63,757,833
1929.....			12,859,822	49,995,261	668,702	1,908,954	3,968,033	11,160,955	17,496,557	63,065,170
1930.....			10,824,839	41,789,061	603,358	1,705,236	3,453,127	9,355,451	14,881,321	62,849,748
1931.....			8,861,360	33,165,730	471,343	1,211,197	2,910,508	6,830,755	12,243,211	41,207,682
1932.....			7,714,279	28,073,744	560,002	1,329,316	3,463,732	7,714,035	11,738,918	37,117,695

\*Not separately reported prior to 1923.

Table 4.—Output and Value of Coal in Canada by Kinds and by Provinces, 1931 and 1932

(Short tons)

Province	1931			1932		
	Number of mines	Quantity	Value	Number of mines	Quantity	Value
		\$				\$
NOVA SCOTIA (Bituminous).....	38	4,055,563	19,016,720	38	4,084,581	15,167,793
NEW BRUNSWICK (Bituminous).....	18	182,181	743,196	20	212,695	794,168
MANITOBA (Lignite).....	3	1,306	3,797	3	1,552	3,684
SASKATCHEWAN (Lignite).....	*58	662,836	945,259	*92	887,139	1,229,449
ALBERTA—						
Bituminous.....	17	1,840,306	6,249,779	17	1,734,705	5,715,491
Sub-bituminous.....	23	471,343	1,211,197	22	560,902	1,329,316
Lignite.....	†268	2,246,366	5,881,699	†272	2,575,041	6,481,502
Total.....	308	4,564,015	13,342,675	311	4,870,648	13,528,309
BRITISH COLUMBIA (Bituminous).....	26	1,876,406	7,150,096	28	1,681,490	6,392,801
YUKON (Bituminous).....	1	904	5,039	1	808	3,491
CANADA—						
Bituminous.....	100	8,861,360	33,165,730	104	7,714,279	28,073,744
Sub-bituminous.....	23	471,343	1,211,197	22	560,902	1,329,316
Lignite.....	329	2,010,508	6,830,755	367	3,463,732	7,714,635
Total.....	452	12,243,211	41,207,682	493	11,738,918	37,117,695

\* Exclusive of 15 small mines in operation during part of 1931 and 62 small mines operating during part of 1932.

† Exclusive of 18 small mines operated under special permits in 1931 and 61 small mines in 1932.

Table 5.—Output of Coal from Canadian Mines by Months, 1928-1932  
(Short tons)

Month	1928	1929	1930	1931	1932
January.....	1,607,565	1,585,072	1,643,623	1,179,885	1,188,467
February.....	1,406,341	1,649,960	1,194,711	963,340	1,230,218
March.....	1,404,401	1,387,696	1,180,765	1,051,253	1,050,870
April.....	1,146,311	1,395,817	913,203	898,747	739,634
May.....	1,264,127	1,404,861	1,124,545	912,337	697,764
June.....	1,350,941	1,360,774	1,151,963	891,425	793,868
July.....	1,341,091	1,316,153	1,058,424	831,880	651,911
August.....	1,552,191	1,362,166	1,111,676	767,547	727,075
September.....	1,413,523	1,410,020	1,252,902	1,012,659	934,191
October.....	1,742,530	1,598,659	1,659,315	1,220,032	1,269,028
November.....	1,722,304	1,534,386	1,349,684	1,301,659	1,253,947
December.....	1,522,968	1,490,993	1,284,503	1,206,447	1,203,240
Total.....	17,561,293	17,496,557	14,881,324	12,243,211	11,738,913

Table 6.—Output and Value of Coal in Canada by Kinds and by Months, 1932

Month	Bituminous		Sub-Bituminous		Lignite		Total	
	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value
	\$	\$	\$	\$	\$	\$	\$	\$
January.....	682,765	2,575,211	59,266	157,353	446,436	1,013,860	1,188,467	3,746,364
February.....	726,285	2,689,434	55,047	142,125	448,886	1,007,211	1,230,218	3,838,770
March.....	708,829	2,661,563	42,278	91,050	299,563	629,902	1,050,670	3,382,711
April.....	574,303	2,075,075	37,688	78,710	127,543	244,661	739,534	2,898,446
May.....	595,615	2,064,006	34,666	69,169	67,483	129,486	697,764	2,262,661
June.....	703,086	2,455,047	23,965	52,600	66,817	131,581	793,868	2,639,228
July.....	576,733	2,047,002	10,433	42,839	58,745	111,382	651,911	2,201,223
August.....	568,476	2,007,995	30,692	71,644	127,907	300,397	727,075	2,840,036
September.....	602,175	2,177,592	49,816	128,233	282,200	688,602	934,191	2,994,427
October.....	632,317	2,350,234	68,942	169,943	566,769	1,342,788	1,268,028	3,862,965
November.....	674,293	2,540,665	68,773	161,661	510,881	1,124,712	1,253,917	3,827,938
December.....	669,402	2,429,721	73,336	163,989	460,502	990,113	1,203,240	3,583,823
Total.....	7,714,279	28,073,741	560,902	1,329,316	3,463,732	7,714,635	11,738,913	37,117,695

Table 7.—Tonnage Lost in the Coal Mines of Canada in 1931 and 1932 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.....	58	42	1·1	38·3	0·1	1·0	1·5
	50	50	0·8	48·1	0·0	0·4	0·7
NEW BRUNSWICK.....	63	37	1·5	34·6	0·0	0·3	0·6
	71	29	2·5	25·5	0·0	0·4	0·6
SASKATCHEWAN.....	65	35	0·0	34·7	0·0	0·2	0·1
	70	30	0·0	29·5	0·0	0·3	0·2
ALBERTA.....	58	42	0·3	41·2	0·0	0·2	0·3
	65	35	0·2	34·4	0·0	0·1	0·3
BRITISH COLUMBIA.....	67	33	0·2	32·5	0·2	0·0	0·1
	63	37	0·2	35·8	0·8	0·0	0·2
Canada.....	60	40	0·6	38·1	0·0	0·5	0·8
	59	41	0·5	39·7	0·0	0·3	0·5

**Table 8.—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 1932**

Month	Per cent produced	Per cent lost	Percentage lost through				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
January.....	63	37	0.4	35.6	0.1	0.1	0.8
February.....	66	34	0.5	32.9	0.0	0.2	0.3
March.....	60	40	0.4	39.0	0.2	0.2	0.2
April.....	51	49	0.4	47.7	0.6	0.0	0.2
May.....	54	46	0.5	44.9	0.2	0.0	0.4
June.....	55	45	0.6	43.5	0.1	0.5	0.3
July.....	49	51	0.5	49.7	0.2	0.0	0.6
August.....	49	51	0.5	49.9	0.0	0.2	0.4
September.....	59	41	0.4	39.1	0.0	1.1	0.4
October.....	67	33	0.3	32.0	0.0	0.1	0.6
November.....	65	35	0.4	34.1	0.0	0.1	0.4
December.....	60	40	0.5	38.3	0.0	0.2	1.0
<b>Total.....</b>	<b>59</b>	<b>41</b>	<b>0.5</b>	<b>39.7</b>	<b>0.0</b>	<b>0.3</b>	<b>0.5</b>

**Table 9.—Disposition of Coal from Canadian Mines, 1931 and 1932**

	1931			1932		
	Total coal	Total value	Average value per ton	Total coal	Total value	Average value per ton
	Tons	\$	\$	Tons	\$	\$
Supplied to employees for domestic consumption.....	168,265	601,146	3.57	159,050	478,550	3.01
Used for power purposes—						
(a) Shops.....	84,702	282,867	3.34	73,466	260,050	3.54
(b) Colliery boilers.....	614,860	1,667,103	2.71	562,852	1,479,650	2.63
(c) Companies' railroads.....	63,448	235,270	3.71	57,547	208,431	3.62
(d) Harbour tugs and dredges.....	201	850	4.23			
Shipped. (See Table 11)—						
(a) Ships' bunkers.....	222,526			164,098		
(b) Railroads.....	3,146,967	37,762,927	3.44	2,865,239	34,506,363	3.27
(c) Other.....	7,003,342			7,537,793		
Used in making coke at colliery.....	110,219	301,283	3.55	52,231	180,627	3.46
Used in making briquettes.....	28,102	70,437	2.51	25,912	57,649	2.22
Put on bank.....	726,068	2,647,031	3.65	626,129	2,187,238	3.49
Put on waste heap.....	200,463			262,703		
<b>Total disposition.....</b>	<b>12,969,163</b>	<b>43,658,914</b>	<b>3.37</b>	<b>12,387,029</b>	<b>39,358,567</b>	<b>3.18</b>
Lifted from bank.....	725,952	2,451,232	3.38	642,331	2,240,872	3.49
Lifted from waste heap.....				5,776		
<b>Total output.....</b>	<b>12,243,211</b>	<b>41,207,682</b>	<b>3.37</b>	<b>11,738,913</b>	<b>37,117,695</b>	<b>3.16</b>

**Table 10.—Disposition of Coal from Canadian Mines by Provinces, 1932**

(Short tons)

	Nova Scotia	New Brunswick	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Canada
Supplied to employees for domestic consumption.....	95,729	2,531	70	3,820	37,249	19,643	8	159,050
Coal shipped. (See Table 11).....	3,619,206	205,853	1,384	824,166	4,495,608	1,420,572	341	16,567,130
Used under colliery boilers, etc.....	238,123	2,298		25,302	179,705	117,405	19	562,852
Used by companies' railroads.....	33,391	825		5,361	7,168	10,802		57,547
Used for manufacture of coke at colliery.....					4,501	47,640		52,231
Used in making briquettes.....	73,446			13,283	12,629			25,912
Used in shops, etc.....								73,466
Used by harbour tugs and dredges.....								
Put on bank.....	515,506	11,223		11,860	42,291	45,249		626,129
Put on waste heap.....	49,434	71	98	8,075	132,800	71,716	440	262,703
<b>Total disposition.....</b>	<b>4,624,855</b>	<b>222,801</b>	<b>1,552</b>	<b>891,867</b>	<b>4,912,110</b>	<b>1,533,027</b>	<b>808</b>	<b>12,387,029</b>
Lifted from bank.....	537,051	10,106		4,728	40,740	49,706		642,331
Lifted from waste heap.....	3,223				722	1,831		5,776
<b>Total output.....</b>	<b>4,084,581</b>	<b>212,695</b>	<b>1,552</b>	<b>887,139</b>	<b>4,870,648</b>	<b>1,681,490</b>	<b>848</b>	<b>11,738,913</b>

**Table 11.—Shipments of Coal from Canadian Mines by Grades and Destinations, 1931 and 1932**

(Short tons)

Destination	1931				1932			
	Run-of-mine	Screened	Slack	Total	Run-of-mine	Screened	Slack	Total
Prince Edward Island.....	3,339	69,859	3,285	76,483	6,222	58,597	4,323	69,142
Nova Scotia.....	241,637	444,489	441,524	1,127,650	132,417	356,600	299,031	788,048
New Brunswick.....	127,859	114,656	223,946	466,461	112,020	104,185	220,726	436,931
Quebec.....	67,558	805,092	873,033	1,746,283	68,816	736,326	782,416	1,587,558
Ontario.....	395	22,229	5,774	28,398	3,537	21,393	4,824	29,756
Manitoba.....	163,932	282,891	299,360	746,183	141,524	373,375	387,648	902,547
Saskatchewan.....	222,975	647,457	429,488	1,299,920	285,829	845,137	456,666	1,587,632
Alberta.....	202,137	377,294	443,193	1,022,624	200,602	425,004	480,318	1,106,674
British Columbia.....	28,780	574,299	234,588	837,667	18,665	592,352	177,835	788,852
Yukon.....		260		260		341		341
Total domestic shipments	1,058,612	3,338,526	2,954,791	7,351,939	909,722	3,513,972	2,813,787	7,293,481
Railroads.....	2,367,457	591,709	187,801	3,116,967	2,196,059	555,309	113,811	3,865,239
Ships' bunkers.....	166,590	55,432	504	222,526	112,438	51,317	343	161,098
Total railroads and ships' bunkers.....	2,534,047	647,141	188,305	3,369,493	2,308,497	606,680	114,154	3,629,337
United States.....	1,418	40,484	82,523	134,430	2,164	32,289	78,518	112,971
Alaska.....		18,022		18,022		14,779		14,779
Newfoundland.....	1,889	106,700		108,589	2,889	107,071	1,220	111,180
Other Countries.....		372		372	899	483		1,382
Total external shipments.....	3,307	165,578	82,528	251,413	5,952	154,622	79,738	240,312
<b>Total.....</b>	<b>3,595,966</b>	<b>4,151,245</b>	<b>3,225,624</b>	<b>10,972,835</b>	<b>3,281,171</b>	<b>4,275,280</b>	<b>3,007,679</b>	<b>10,567,130</b>

**Table 12.—Exports of Canadian Coal, 1873-1932**

(Compiled in the External Trade Branch)

Calendar Year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$			\$
1873.....	420,683		1893.....	960,312		1913.....	1,562,020	3,951,351
1874.....	310,988		1894.....	1,103,694		1914.....	1,423,126	3,780,175
1875.....	250,348		1895.....	1,011,235		1915.....	1,780,543	5,406,058
1876.....	248,638		1896.....	1,106,661		1916.....	2,135,359	7,099,387
1877.....	301,317		1897.....	986,130		1917.....	1,733,156	7,387,192
1878.....	327,959		1898.....	1,150,029		1918.....	1,817,195	9,405,423
1879.....	306,648		1899.....	1,293,169		1919.....	2,070,050	12,438,885
1880.....	432,188		1900.....	1,787,777		1920.....	2,558,174	18,014,899
1881.....	395,382		1901.....	1,573,961		1921.....	1,987,251	13,896,370
1882.....	412,682		1902.....	2,090,208		1922.....	1,818,582	11,150,060
1883.....	486,811		1903.....	1,954,620		1923.....	1,654,406	10,661,399
1884.....	474,405		1904.....	1,557,412		1924.....	773,246	4,836,848
1885.....	427,937		1905.....	1,633,287		1925.....	785,910	4,329,173
1886.....	520,703		1906.....	1,835,041		1926.....	1,028,200	5,739,430
1887.....	580,965		1907.....	1,804,074		1927.....	1,113,330	5,890,259
1888.....	588,627		1908.....	1,729,833		1928.....	863,941	4,469,999
1889.....	665,315		1909.....	1,588,099		1929.....	842,972	4,375,328
1890.....	724,486		1910.....	2,377,049		1930.....	624,512	3,345,998
1891.....	971,259		1911.....	1,500,639		1931.....	359,853	1,909,922
1892.....	823,733		1912.....	2,127,133		1932.....	285,487	1,433,036
						<b>Total.....</b>	<b>68,136,519</b>	

**Table 13.—Exports of Canadian Coal from Eastern and Western Canada, 1928-1932**

(Short tons)

	1928	1929	1930	1931	1932
Eastern Canada.....	370,671	372,061	375,149	207,023	159,487
Western Canada.....	493,270	470,911	249,364	152,830	126,000
<b>Total.....</b>	<b>863,941</b>	<b>842,972</b>	<b>624,512</b>	<b>359,853</b>	<b>285,487</b>

Table 14.—Exports of Canadian Coal by Destinations, 1930-1932

(Compiled in the *External Trade Branch*)

Destination	1930		1931		1932	
	Short tons	Value	Short tons	Value	Short tons	Value
		\$		\$		\$
<b>BRITISH EMPIRE</b>						
United Kingdom.....	18,453	132,602	10,488	70,508	8,575	53,811
Irish Free State.....	1,745	10,531	186	1,163	1,426	8,354
British South Africa.....	0,466	38,796	2,051	17,706	1,007	9,642
Bermuda.....					44	352
British Guiana.....			1,056	7,920		
British Honduras.....	125	738				
British West Indies— Jamaica.....						
Other B.W.I.....	396	3,286				
Gibraltar.....	5,123	30,737	992	5,940	439	2,634
Malta.....			1,246	6,230		
Newfoundland.....	286,630	1,472,401	112,603	616,101	87,539	466,936
Sierra Leone.....	3,226	18,950	1,211	7,266	3,525	20,250
Australia.....	26,305	209,501	12,637	104,884	13,472	98,506
New Zealand.....	2,837	17,017	3,477	19,533		
Total British Empire.....	351,306	1,934,568	146,907	857,260	110,627	660,485
<b>FOREIGN COUNTRIES</b>						
Argentina.....	5,103	31,158	7,871	47,229	71	515
Belgium.....	4,816	32,621	477	2,862	1,570	8,504
Brazil.....	1,530	9,180	3,047	27,095		
China.....	565	4,690	423	3,511	6,815	50,744
Cuba.....	352	2,112	400	2,400	1,502	9,052
Denmark.....					30	225
France.....	2,832	17,815	3,246	18,287	999	5,253
French Possessions— French Africa.....	1,209	7,254			447	2,682
St. Pierre and Miquelon.....	2,652	16,021	4,500	27,097	3,090	19,069
Syria.....						
Germany.....	1,840	11,859	536	3,213		
Greece.....	4,157	25,885	2,472	14,432	726	4,964
Italy.....	4,799	29,031	1,589	0,592	307	1,680
Japan.....	3,455	19,250	1,862	11,741	3,523	26,593
Netherlands.....	1,945	11,829	1,582	8,702	2,098	11,011
Norway.....	2,449	9,799	1,729	7,347		
Peru.....	801	5,807	3,309	22,233	976	6,743
Poland and Danzig.....						
San Domingo.....	38	190				
Spain.....	705	5,816			161	960
Sweden.....	470	2,820				
Turkey.....						
United States.....	210,326	1,003,080	163,351	743,533	135,698	556,127
Alaska.....	23,272	165,413	15,582	103,388	10,847	68,420
Total foreign countries.....	273,206	1,411,430	212,946	1,052,662	168,860	772,551
<b>Total</b> .....	<b>624,512</b>	<b>3,345,998</b>	<b>359,853</b>	<b>1,909,922</b>	<b>285,487</b>	<b>1,433,036</b>

Table 15.—Imports of Coal into Canada "Entered for Consumption" 1880-1932

(Compiled in the External Trade Branch)

Year	Anthracite coal		Bituminous coal		Bituminous coal dust		Lignite		Total	
	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value
Fiscal year ending Mar. 31—	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1880.....	516,729	1,509,960	547,049	1,220,761	3,565	8,877			1,067,343	2,739,598
1881.....	572,092	2,325,937	587,024	1,741,568	337	666			1,139,453	4,068,171
1882.....	638,273	2,696,356	638,374	1,992,081	471	900			1,273,418	4,659,337
1883.....	751,891	3,344,936	911,629	2,996,198	8,154	10,082			1,621,674	6,351,216
1884.....	868,000	3,831,283	1,118,615	3,013,470	12,782	14,600			1,999,397	7,459,353
1885.....	910,324	3,909,844	1,011,875	3,197,539	20,185	20,412			1,942,384	7,127,795
1886.....	995,425	4,028,050	930,949	2,591,554	36,230	36,996			1,962,604	6,655,800
1887.....	1,100,165	4,423,062	1,149,792	3,126,225	31,401	33,178			2,281,358	7,581,165
1888.....	2,138,627	5,291,875	1,231,234	3,451,661	28,808	34,730			3,398,668	8,778,266
1889.....	1,291,705	5,199,481	1,245,540	3,255,171	39,980	47,139			2,580,225	8,501,791
1890.....	1,201,353	4,595,727	1,400,282	3,528,059	53,104	29,818			2,663,721	8,151,501
1891.....	1,399,067	5,224,452	1,598,855	4,060,896	60,127	36,130			3,058,049	9,321,178
1892.....	1,479,106	5,640,346	1,615,220	4,099,221	82,091	39,840			3,176,417	9,779,497
1893.....	1,500,550	6,355,285	1,603,154	3,967,764	109,585	44,474			3,213,289	10,367,525
1894.....	1,530,522	6,354,040	1,339,509	3,315,094	117,573	49,510			3,407,601	9,718,644
1895.....	1,404,342	5,350,627	1,444,928	3,321,387	181,318	52,221			3,630,585	8,721,235
1896.....	1,574,355	5,667,096	1,538,489	3,299,025	210,386	53,732			3,323,230	9,019,863
1897.....	1,457,256	5,095,168	1,543,476	3,254,217	225,562	59,609			3,226,333	9,098,991
1898.....	1,400,701	5,874,685	1,684,024	3,179,595	229,445	45,556			3,374,170	9,099,835
1899.....	1,745,460	6,490,509	2,171,358	3,691,946	276,547	44,717			4,193,365	10,227,172
1900.....	1,654,101	6,602,912	2,439,761	4,310,964	330,174	98,349			4,421,039	11,012,225
1901.....	1,933,293	7,923,950	2,516,392	4,956,025	414,432	275,559			4,861,107	13,155,534
1902.....	1,652,451	7,021,030	3,047,392	5,712,058	489,548	284,550			5,189,391	12,998,547
1903.....	1,456,713	7,028,664	3,511,412	7,776,717	550,883	420,317			5,519,005	15,225,698
1904.....	2,275,018	10,461,223	4,053,900	9,108,208	608,041	544,128			6,936,959	20,143,559
1905.....	2,604,137	12,093,371	4,176,274	8,002,896	650,261	343,456			7,439,672	20,439,723
1906.....	2,200,863	10,304,308	4,485,550	8,380,348	747,251	489,180			7,443,664	15,153,834
Not separately itemized until 1923										
Calendar year—										
1907.....	3,141,873	14,506,129	6,370,152	13,232,445	1,139,256	1,121,949			10,651,281	28,860,523
1908.....	3,160,110	14,478,530	6,025,574	12,516,748	1,111,811	1,355,677			10,297,495	28,336,961
1909.....	3,017,844	13,908,152	5,625,063	11,453,818	1,230,017	1,469,889			9,872,921	26,881,859
1910.....	3,260,225	14,735,062	5,966,466	11,919,341	1,365,281	1,795,598			10,592,982	28,450,001
1911.....	4,020,577	18,794,192	8,905,815	18,407,603	1,632,500	2,090,796			14,558,892	39,292,591
1912.....	4,184,017	20,080,388	8,491,840	16,846,727	1,919,953	2,550,922			11,593,840	39,478,037
1913.....	4,642,427	22,043,839	10,743,473	21,556,658	2,816,423	4,157,622			18,201,449	49,635,598
1914.....	4,435,010	21,241,924	7,776,415	14,951,321	2,509,632	3,605,263			14,721,057	39,801,198
1915.....	4,072,192	18,753,918	6,106,794	7,564,366	2,286,910	2,027,256			12,463,907	28,315,665
1916.....	4,570,815	22,216,363	9,504,552	12,308,679	3,505,236	3,704,624			17,580,603	38,289,666
1917.....	5,320,198	28,109,586	12,407,480	33,712,894	3,129,776	8,739,877			20,857,460	70,562,317
1918.....	4,785,160	26,097,888	13,656,360	37,201,057	3,237,067	8,351,630			21,678,587	71,630,581
1919.....	4,937,095	31,505,694	10,127,965	21,750,717	2,228,197	4,814,388			17,293,257	61,160,799
1920.....	4,982,313	36,773,351	11,598,475	30,508,626	2,312,754	10,451,621			18,843,512	59,635,598
1921.....	4,553,820	40,203,639	11,194,053	41,000,322	2,553,607	7,630,773			18,302,065	58,931,734
1922.....	2,705,752	23,795,143	8,133,366	30,171,375	2,184,407	7,215,910			13,023,525	61,182,428
1923.....	5,165,382	46,457,962	11,933,610	39,511,911	3,888,630	10,387,188	2,331	12,846	20,989,953	96,369,907
1924.....	4,152,558	37,280,910	9,222,010	23,120,128	3,324,195	8,508,515	26,007	117,955	16,724,779	67,027,508
1925*....	3,782,557	32,096,509	12,518,460 tons		\$26,974,340		18,653	87,832	16,319,670	59,158,684
1926.....	4,192,410	34,202,166	12,376,606 tons		\$25,511,932		10,423	45,567	16,579,418	59,739,665
1927.....	4,107,854	31,282,371	11,458,671 tons		\$30,457,884		10,829	44,254	18,687,351	61,784,509
1928.....	3,748,816	27,680,018	11,445,915 tons		\$28,608,427		10,780	44,247	17,305,541	51,332,692
1929.....	4,019,917	28,809,792	11,170,138 tons		\$27,140,968		14,108	62,508	18,204,163	56,014,268
1930.....	4,256,090	30,098,910	11,497,955 tons		\$26,522,765		18,676	72,691	18,772,721	56,694,366
1931.....	3,162,317	21,067,625	8,052,280 tons		\$15,732,710		6,410	29,603	13,121,067	38,829,338
1932.....	3,148,902	19,312,710	8,807,131 tons		\$12,011,398		3,004	13,701	11,959,037	31,337,889

\*Owing to tariff change in 1925 classification of bituminous coal by grades not recorded since that date.

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

Table 16.—Imports of Coal into Eastern and Western Canada, 1931 and 1932  
(Short tons)

Destination	Anthracite				Bituminous	Lignite	Total all grades
	Grate, egg, stove, nut, and pea	Screenings or Dust	N.O.P.	Total anthracite			
1931							
EASTERN CANADA—							
United States.....	1,960,140	254,253		2,214,393	9,517,097		11,731,490
Great Britain.....	871,668	4,696		876,364	122,298		998,662
Germany.....	60,762			60,762			60,762
French East Indies.....	4,592			4,592			4,592
Total.....	2,897,162	258,949		3,156,111	9,639,395		12,795,506
WESTERN CANADA*—							
United States.....	15,815	6,215		22,030	707,885	6,410	736,325
Total.....	15,815	6,215		22,030	707,885	6,410	736,325
Canada—							
United States.....	1,975,955	260,468		2,236,423	10,224,982	6,410	12,467,815
Great Britain.....	871,668	4,696		876,364	122,298		998,662
Germany.....	60,762			60,762			60,762
French East Indies.....	4,592			4,592			4,592
Total.....	2,912,977	265,161		3,178,131	10,347,280	6,410	13,531,831
1932							
EASTERN CANADA—							
United States.....	1,506,770	10,241	156,704	1,673,721	7,399,383		9,073,104
Great Britain.....	1,328,329	5,101	60,985	1,394,415	360,914		1,755,329
Germany.....	52,189			52,189			52,189
Belgium.....	650			650			650
Newfoundland.....					2		2
Total.....	2,887,944	15,342	217,689	3,120,975	7,760,299		10,881,274
WESTERN CANADA*—							
United States.....	6,826		4,985	11,811	770,865	2,953	785,629
Great Britain.....	4,669		2	4,671	1,154		5,825
French East Indies.....			700	700			700
Total.....	11,495		5,687	17,182	772,019	2,953	792,151
Canada—							
United States.....	1,513,602	10,241	161,689	1,685,532	8,170,248	2,953	9,858,733
Great Britain.....	1,332,998	5,101	60,987	1,399,096	362,068		1,761,154
Germany.....	52,189			52,189			52,189
Belgium.....	650			650			650
Newfoundland.....			700	700	2		2
French East Indies.....							700
Total.....	2,899,139	15,342	223,376	3,138,157	8,532,318	2,953	11,673,428

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

Table 17.—Imports of Anthracite and Bituminous Coal into Canada from Great Britain, by Grades and by Provinces, 1931 and 1932

(Short tons)

Destination	1931			1932		
	Anthracite		Bituminous, all grades	Anthracite		Bituminous, all grades
	Grate, egg, stove, nut, and pea	Buckwheat, rice, and barley		Grate, egg, stove, nut, and pea	Screenings or dust	
Prince Edward Island.....	7,413		1,833	2,501		1,364
Nova Scotia.....	34,844		38,352	43,294		49,274
New Brunswick.....	45,598		6,162	78,287	60	286
Quebec.....	781,605	4,696	75,560	1,177,328	5,041	59,335
Central Ontario.....	2,208		391	26,919		3,001
Head of Lakes.....				4,069		2
British Columbia.....						1,154
<b>Canada</b> .....	<b>871,668</b>	<b>4,696</b>	<b>122,238</b>	<b>1,332,998</b>	<b>5,101</b>	<b>60,387</b>
						<b>362,068</b>

Table 18.—Imports of Anthracite, Bituminous and Lignite Coal into Canada from the United States by Grades and by Provinces, 1931 and 1932

(Short tons)

Destination	1931			1932		
	Anthracite		Bituminous, all grades	Anthracite		Bituminous, all grades
	Grate, egg, stove, nut, and pea	Buck- wheat, rice, and barley		Grate, egg, stove, nut, and pea	Screen- ings or dust	
Prince Edward Island.....	1,271		3,246	29		2,005
Nova Scotia.....	15,209	95	5,085	10,177		59
New Brunswick.....	38,644	776	31,068	29,309	357	11,349
Quebec.....	434,863	110,100	858,015	348,654	6,711	52,640
Ontario.....	1,483,553	148,184	9,315,172	1,121,633	3,530	106,684
Manitoba.....	2,415	1,280	7,041	3,800		12,298
Saskatchewan.....			1,535	23		1,459
Alberta.....			912		3	830
British Columbia.....		33	2,298	6,387		2,424
Yukon.....			10			4
<b>Canada</b> .....	<b>1,975,955</b>	<b>269,468</b>	<b>10,221,982</b>	<b>6,410</b>	<b>1,513,602</b>	<b>10,241</b>
						<b>8,170,248</b>
						<b>2,953</b>

Table 19.—Imports of Anthracite and Bituminous Coal into Canada from Other Countries, by Provinces, 1931 and 1932

(Short tons)

Destination	Source	1931			1932		
		Anthracite		Bitu- minous, all grades	Anthracite		Bitu- minous, all grades
		Grate, egg, stove, nut, and pea	Buck- wheat, rice, and barley		Grate, egg, stove, nut, and pea	Screen- ings or dust	
Nova Scotia.....	French East Indies.....	4,592					
Quebec.....	Belgium.....			650			
	Germany.....	60,762		52,189			2
British Columbia.....	Newfoundland.....					700	
	French East Indies.....						
<b>Canada</b> .....		<b>65,354</b>			<b>52,839</b>		<b>700</b>
							<b>2</b>

Table 20.—Imports of Anthracite, Bituminous and Lignite Coal into Canada by Months, 1931 and 1932

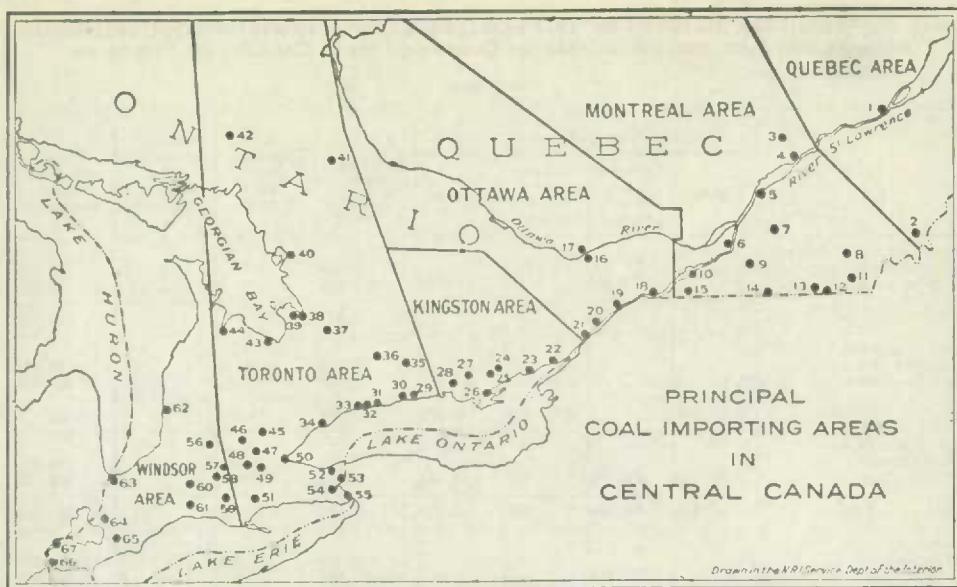
(Short tons)

Month	1931				1932			
	United States	Great Britain	Other countries	Total	United States	Great Britain	Other countries	Total
<b>ANTHRACITE—</b>								
January.....	239,420	5,699	.....	245,119	142,095	15,903	.....	157,998
February.....	243,893	3,852	.....	247,745	119,495	8,916	650	129,061
March.....	163,442	12,797	.....	176,239	214,150	8,103	.....	222,253
April.....	106,362	9,142	.....	115,504	122,000	57,029	.....	179,879
May.....	209,894	142,911	.....	352,805	150,802	170,967	.....	321,769
June.....	188,067	145,359	14,731	348,157	100,816	146,657	5,693	253,166
July.....	194,379	135,808	4,414	334,661	97,620	213,835	7,073	318,528
August.....	129,912	88,536	12,406	230,854	142,135	196,828	.....	328,963
September.....	164,648	100,514	15,962	281,121	126,607	171,444	6,157	304,298
October.....	214,001	134,852	13,249	362,102	203,189	140,916	6,720	350,825
November.....	213,750	85,614	4,592	303,956	126,027	197,096	19,268	342,989
December.....	168,655	11,220	.....	179,875	140,506	70,792	7,980	219,278
<b>Total.....</b>	<b>2,236,423</b>	<b>876,364</b>	<b>65,354</b>	<b>3,178,141</b>	<b>1,685,532</b>	<b>1,399,006</b>	<b>53,539</b>	<b>3,188,157</b>
<b>BITUMINOUS—</b>								
January.....	546,241	22	.....	546,263	471,155	.....	.....	471,155
February.....	570,975	11,028	.....	582,001	376,126	2,722	.....	378,848
March.....	635,130	2,765	.....	637,895	483,718	5,328	.....	489,046
April.....	421,786	25	.....	421,811	357,788	5,530	.....	363,318
May.....	829,586	8,525	.....	838,111	664,478	53,605	.....	718,083
June.....	844,604	5,657	.....	850,261	671,034	34,391	.....	765,425
July.....	899,395	11,156	.....	910,531	703,739	32,187	.....	785,926
August.....	1,252,405	14,932	.....	1,267,437	818,376	40,674	.....	859,050
September.....	1,210,754	15,010	.....	1,225,761	966,643	25,290	.....	991,833
October.....	1,090,505	22,564	.....	1,113,129	949,388	31,425	2	980,815
November.....	1,095,040	14,526	.....	1,109,566	1,047,474	117,411	.....	1,164,885
December.....	828,501	16,090	.....	844,591	660,329	13,505	.....	673,834
<b>Total.....</b>	<b>10,224,982</b>	<b>122,298</b>	.....	<b>10,347,280</b>	<b>8,170,248</b>	<b>362,068</b>	3	<b>8,532,318</b>
<b>LIGNITE—</b>								
January.....	1,444	.....	.....	1,441	480	.....	.....	480
February.....	863	.....	.....	863	787	.....	.....	287
March.....	1,295	.....	.....	1,295	223	.....	.....	223
April.....	215	.....	.....	215	51	.....	.....	51
May.....	101	.....	.....	101	35	.....	.....	35
June.....	61	.....	.....	61	151	.....	.....	151
July.....	183	.....	.....	183	.....	.....	.....	.....
August.....	163	.....	.....	163	197	.....	.....	197
September.....	362	.....	.....	362	43	.....	.....	43
October.....	442	.....	.....	442	134	.....	.....	134
November.....	560	.....	.....	560	328	.....	.....	328
December.....	721	.....	.....	721	524	.....	.....	524
<b>Total.....</b>	<b>6,410</b>	.....	.....	<b>6,410</b>	<b>2,953</b>	.....	.....	<b>2,953</b>

Table 21.—Average Imports of Coal into Central Canada by Principal Areas for the Five Years, 1928-1932

(Short tons)

Destination	Anthracite			Total bituminous	Total all grades
	Grate, egg, stove, nut and pea	Other	Total		
Quebec.....	128,439	3,653	132,092	96,821	225,913
Montreal.....	1,275,605	143,238	1,418,841	961,593	2,386,434
Ottawa.....	168,666	30,604	199,270	889,702	1,058,372
Kingston.....	81,750	3,287	85,037	194,915	278,852
Toronto.....	1,260,417	100,690	1,361,107	4,964,137	6,325,244
Windsor.....	224,786	6,220	231,000	2,506,993	2,787,999
<b>Total.....</b>	<b>3,139,663</b>	<b>287,690</b>	<b>3,427,353</b>	<b>9,614,161</b>	<b>13,041,514</b>



### Key to the Ports of Entry Shown on the Map

QUEBEC AREA—	OTTAWA AREA—	TORONTO AREA—Con.	TORONTO AREA—Con.
1 Quebec City	16 Ottawa	32 Oshawa	51 Simcoe
2 Megantic	17 Hull	33 Whitby	52 St. Catharines
	18 Cornwall	34 Toronto	53 Niagara Falls
	19 Morrisburg	35 Peterboro	54 Welland
	20 Prescott	36 Lindsay	55 Briddleburg
MONTREAL AREA—	21 Brockville	37 Orillia	
3 Shawinigan Falls		38 Port McNicoll	
4 Three Rivers		39 Midland	56 Stratford
5 Sorel	22 Gananoque	40 Parry Sound	57 Woodstock
6 Montreal	23 Kingston	41 North Bay	58 Ingersoll
7 St. Hyacinthe	24 Napanee	42 Sudbury	59 Tillsonburg
8 Sherbrooke	25 Deseronto	43 Collingwood	60 London
9 St. John's	26 Picton	44 Owen Sound	61 St. Thomas
10 Valleyfield	27 Belleville	45 Guelph	62 Goderich
11 Coaticook	28 Trenton	46 Kitchener	63 Sarnia
12 Beebe Junction		47 Galt	64 Wallaceburg
13 Mansenville		48 Paris	65 Chatham
14 St. Armand	29 Cobourg	49 Brantford	66 Amherstburg
15 Athelstan	30 Port Hope	50 Hamilton	67 Windsor
	31 Bowmanville		

Table 22.—Average Imports of Coal into Canada by Kinds and by Provinces for the Five Years, 1928-1932

(Short tons)

Destination	Anthracite			Total bituminous	Lignite	Total all grades
	Grate, egg, stove, nut and pea	Other	Total			
Prince Edward Island.....	5,320	1,692	7,012	6,052		13,064
Nova Scotia.....	61,217	19	61,236	39,789		101,025
New Brunswick.....	96,806	1,505	98,311	52,076		150,987
Quebec.....	1,426,408	152,943	1,579,351	1,141,654		2,721,005
Central Ontario.....	1,733,698	140,805	1,874,503	9,600,603		11,475,106
Head of Lakes.....	35,310	1,977	37,287	1,264,974		1,302,261
Total Ontario.....	1,769,008	142,782	1,911,790	10,865,577		12,777,367
Manitoba.....	5,200	1,825	7,025	38,008	411	43,444
Manitoba and Head of Lakes.....	40,510	3,802	44,312	1,300,982	411	1,345,705
Saskatchewan.....	202		262	1,965	175	2,492
Alberta.....		1	1	1,156		1,157
British Columbia.....	788	151	939	10,371	10,000	21,310
Yukon.....				25		25
Canada.....	3,365,009	300,918	3,665,927	12,155,273	10,586	15,831,786

Table 23.—Summary Statistics for 1928—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in Canada, by Provinces

(Short tons)

Province	Canadian coal				Imported from U.S.A.	Imported from Great Britain	Imported from other countries	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported				
PRINCE EDWARD ISLAND—								
Anthracite.....		78,062		76	3,765			3,765
Bituminous.....		78,062		76	4,076			62,062
Total.....		78,062		76	7,841			85,827
NOVA SCOTIA—								
Anthracite.....	6,743,504		2,864,254	344,379	29,815	29,314		59,129
Bituminous.....	6,743,504		2,864,254	344,379	27,473	4,381		3,566,725
Total.....	6,743,504		2,864,254	344,379	57,288	33,695		3,625,854
NEW BRUNSWICK—								
Anthracite.....	207,738	400,084	101	25,740	39,615	34,061		73,676
Bituminous.....	207,738	400,084	101	25,740	49,484	1,083		633,148
Total.....	207,738	400,084	101	25,740	89,099	35,144		706,824
QUEBEC—								
Anthracite.....					902,155	441,465	(a) 7,635	1,351,255
Bituminous.....		2,382,246		440	1,303,607	137,549	(b) 2	3,822,984
Total.....		2,382,246		440	2,205,762	579,014	7,637	5,174,219
CENTRAL ONTARIO—								
Anthracite.....		*33		4	2,159,657	19,407		2,170,064
Bituminous.....		*13,061			10,643,002			10,643,031
Sub-bituminous.....		*32,187		32				13,061
Lignite.....								32,155
Total.....		45,281		36	12,802,659	19,407		12,867,311
MANITOBA AND HEAD OF LAKES—								
Anthracite.....		47,340		479	67,624			67,624
Bituminous.....		96,250			1,772,948			1,819,809
Sub-bituminous.....		684,820		3,600				96,250
Lignite.....								681,211
Total.....		828,410		4,088	1,840,572			2,664,894
SASKATCHEWAN—								
Anthracite.....					579			579
Bituminous.....		139,454		52	2,530			141,938
Sub-bituminous.....		85,915						85,915
Lignite.....	471,713	1,341,217	223,551	7,754	60			1,581,685
Total.....	471,713	1,560,586	223,551	7,806	3,175			1,810,117
ALBERTA—								
Anthracite.....	3,215,494	56,097	220,840	241	1,360			3,051,870
Bituminous.....	740,496		234,003					506,493
Sub-bituminous.....	3,380,340		1,970,026	602				1,409,712
Lignite.....								
Total.....	7,336,330	56,097	2,424,869	843	1,360			4,968,075
BRITISH COLUMBIA—								
Anthracite.....					21	2,220		2,241
Bituminous.....	2,804,594	63,348	112,069	458,093	17,510	1,132		2,346,422
Sub-bituminous.....		38,777						38,777
Lignite.....		135,353		22,440	10,720			123,633
Total.....	2,804,594	267,478	112,069	480,533	28,251	3,352		2,511,073
YUKON—								
Bituminous.....		414			40			454
Total.....		414			40			454
CANADA—								
Anthracite.....	12,971,744	3,197,264	3,197,264	829,504	3,203,231	526,467	7,635	3,737,333
Bituminous.....	740,496	234,003	234,003		13,822,036	144,145	2	26,108,423
Sub-bituminous.....	3,852,053	2,183,577	2,183,577	34,437	10,780			740,496
Lignite.....								3,828,390
Total.....	17,564,293	5,624,844	5,624,844	863,941	17,638,047	676,612	7,637	34,414,648

(a) Includes 6,204 tons from Russia, 1,102 tons from the Netherlands, 328 tons from British South Africa and 1 ton from Belgium.

(b) Imported from Newfoundland.

\*Shipments to any point in Ontario from western mines.

Table 24.—Summary Statistics for 1929—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in Canada, by Provinces  
(Short tons\*)

Province	Canadian coal				Imported from U.S.A.	Imported from Great Britain	Imported from other countries	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported				
PRINCE EDWARD ISLAND—								
Anthracite.....					4,957	2,223		7,180
Bituminous.....		82,585			8,982			91,567
Total.....		82,585			13,939	2,223		98,747
Nova Scotia—								
Anthracite.....					26,605	31,612	(a) 5,601	63,908
Bituminous.....	7,056,133	2,889,053	351,176		14,153	21,991		3,852,048
Total.....	7,056,133	2,889,053	351,176		40,848	53,603	5,601	3,915,956
NEW BRUNSWICK—								
Anthracite.....					45,108	52,709	(a) 12,697	110,514
Bituminous.....	218,706	427,236	295	20,609	75,767	341		701,146
Total.....	218,706	427,236	295	20,609	120,875	53,050	12,697	811,660
QUEBEC—								
Anthracite.....					831,206	598,784	(a) 90,006	1,529,086
Bituminous.....		2,372,541		130	1,242,180	92,941	(b) 76	3,707,008
Total.....		2,372,541		130	2,073,479	691,725	99,082	5,236,894
CENTRAL ONTARIO—								
Anthracite.....					2,202,236	44,130		2,246,366
Bituminous.....				110	11,332,168			11,332,058
Sub-bituminous.....	*10,185							10,185
Lignite.....	*46,074			36				46,038
Total.....	56,269			146	13,534,404	44,130		13,634,657
MANITOBA AND HEAD OF LAKES—								
Anthracite.....					61,901			61,901
Bituminous.....		46,804		397	1,774,346			1,820,753
Sub-bituminous.....		91,867						91,867
Lignite.....		686,268		2,937	1,896			685,227
Total.....		824,939		3,334	1,838,143			2,659,748
SASKATCHEWAN—								
Anthracite.....					365			365
Bituminous.....		150,612		76	2,477			153,013
Sub-bituminous.....		74,560						74,560
Lignite.....	580,189	1,300,783	231,858	8,151	41			1,641,004
Total.....	580,189	1,525,955	231,858	8,227	2,883			1,868,942
ALBERTA—								
Bituminous.....	3,094,147	47,926	178,833	45	1,327			2,064,522
Sub-bituminous.....	668,702		230,303					438,399
Lignite.....	3,387,844		1,930,974	1,015				1,449,855
Total.....	7,150,693	47,926	2,346,110	1,060	1,327			4,852,778
BRITISH COLUMBIA—								
Anthracite.....					485	(e) 112		597
Bituminous.....	2,490,378	52,402	111,925	438,286	18,364	95		2,011,028
Sub-bituminous.....		53,681						53,681
Lignite.....		135,707		20,004	12,171			127,874
Total.....	2,490,378	241,790	111,925	458,290	31,020	95	112	2,193,180
YUKON—								
Bituminous.....		458			67			525
Total.....		458			67			525
CANADA—								
Anthracite.....					3,173,043	720,458	117,416	4,019,917
Bituminous.....	12,859,822	3,180,106	3,180,106	810,829	14,469,831	115,388	76	26,634,268
Sub-bituminous.....	668,702	230,303	230,303					668,702
Lignite.....	3,968,033	2,168,832	2,168,832	32,143	14,108			3,949,998
Total.....	17,496,557	5,579,241	5,579,241	812,972	17,656,982	844,826	117,412	35,272,885

(a) Imported from Russia. (b) Imported from Newfoundland. (c) Imported from Japan.

\*Shipments to any point in Ontario from western mines.

Table 25.—Summary Statistics for 1930—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in Canada, by Provinces

(Short tons)

Province	Canadian coal				Imported from U.S.A.	Imported from Great Britain	Imported from Russia	Imported from other countries	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported					
PRINCE EDWARD ISLAND—									
Anthracite.....					8,033	1,496			9,529
Bituminous.....		87,904			4,408	1,676			93,988
Total.....		87,904			12,441	3,172			103,517
NOVA SCOTIA—									
Anthracite.....					30,086	29,859	14,340		74,285
Bituminous.....	6,252,552		2,424,578	350,154	18,018	19,557			3,515,395
Total.....	6,252,552		2,424,578	350,154	48,104	49,416	14,340		3,589,680
NEW BRUNSWICK—									
Anthracite.....					28,325	60,844	24,880		114,049
Bituminous.....	209,349	443,111	499	24,724	72,209	35			699,571
Total.....	209,349	443,111	499	24,724	100,624	60,879	24,880		813,620
QUEBEC—									
Anthracite.....					754,897	903,928	252,187	(a) 11,480	1,922,492
Bituminous.....		1,894,062		200	1,111,811	124,031		(b) 33	3,130,637
Sub-bituminous.....		32							32
Total.....		1,894,094		200	1,866,708	1,028,859	252,187	11,513	5,053,161
CENTRAL ONTARIO—									
Anthracite.....					2,080,681				2,080,681
Bituminous.....	*	140			38	10,492,151			10,492,253
Sub-bituminous.....	*	5,729							5,729
Lignite.....	*	25,843		32					25,811
Total.....		31,712		70	12,572,832				12,604,474
MANITOBA AND HEAD OF LAKES—									
Anthracite.....					53,564				53,564
Bituminous.....		87,548		433	1,488,336				1,575,451
Sub-bituminous.....		74,031							74,031
Lignite.....		614,287		1,969					612,318
Total.....		775,866		2,402	1,541,900				2,315,364
SASKATCHEWAN—									
Anthracite.....					367				367
Bituminous.....		127,788		16	1,816				129,588
Sub-bituminous.....		61,733							61,733
Lignite.....	579,424	1,101,598	226,475	6,059	736				1,449,224
Total.....	579,424	1,291,119	226,475	6,075	2,919				1,640,912
ALBERTA—									
Bituminous.....	2,278,467	34,444	179,702	99	1,351				2,134,461
Sub-bituminous.....	603,358		193,321						410,037
Lignite.....	2,873,703	1,535	1,650,336	1,222					1,223,680
Total.....	5,755,528	35,979	2,023,359	1,321	1,351				3,768,178
BRITISH COLUMBIA—									
Anthracite.....					1			(c) 1,122	1,123
Bituminous.....	2,083,818	41,597	111,815	218,826	8,879				1,803,653
Sub-bituminous.....		51,798							51,796
Lignite.....		133,548		20,740	17,040				130,748
Total.....	2,083,818	226,941	111,815	239,566	26,820			1,122	1,987,320
YUKON—									
Bituminous.....		653							660
Total.....		653							660
CANADA—									
Anthracite.....	10,824,839	2,716,594	2,710,594	504,490	2,955,954	996,127	291,407	12,602	4,256,000
Bituminous.....	603,358	183,321	(93,321)		13,199,076	140,199		33	23,575,657
Sub-bituminous.....	3,453,127	1,876,811	1,876,811	30,022	18,076				603,358
Lignite.....									3,441,781
Total.....	14,881,324	4,786,726	4,786,726	621,512	16,173,706	1,142,326	291,407	12,625	31,876,886

(a) Imported from Germany. (b) Imported from Newfoundland. (c) Imported from French East Indies.

\*Shipments to any point in Ontario from western mines.

Table 26.—Summary Statistics for 1931—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in Canada, by Provinces

(Short tons)

Province	Canadian coal			Imported from U.S.A.	Imported from Great Britain	Imported from Germany	Imported from French East Indies	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces					
PRINCE EDWARD ISLAND—								
Anthracite.....				1,271	7,413			8,684
Bituminous.....	76,483			3,246	1,833			81,562
Total.....	76,483			4,517	9,246			90,246
Nova Scotia—								
Anthracite.....				15,304	34,844		4,592	54,740
Bituminous.....	4,955,563		2,231,463	151,912	5,685	38,352		2,816,225
Total.....	4,955,563		2,231,463	151,912	20,989	73,196	4,592	2,670,965
New Brunswick—								
Anthracite.....				39,420	45,598			85,018
Bituminous.....	182,181	408,843	98	54,986	31,068	6,162		573,170
Total.....	182,181	408,843	98	54,986	70,488	61,760		658,188
QUEBEC—								
Anthracite.....				544,963	786,301	60,762		1,392,026
Bituminous.....	1,746,183			858,015	75,560			2,079,791
Sub-bituminous.....		67						67
Lignite.....		33						33
Total.....	1,746,223			57	1,402,978	861,861	60,762	4,071,827
CENTRAL ONTARIO—								
Anthracite.....				1,613,435	2,208			1,615,643
Bituminous.....		455		30	8,619,083	391		8,619,809
Sub-bituminous.....	5,792							5,792
Lignite.....	*22,151			38				22,113
Total.....	28,398			68	10,232,518	2,590		10,263,447
MANITOBA AND HEAD OF LAKES—								
Anthracite.....				21,997				21,997
Bituminous.....	176,804			92	703,130			879,842
Sub-bituminous.....	48,250							48,250
Lignite.....	1,306	520,023		1,196				520,133
Total.....	1,306	745,077		1,288	725,127			1,470,222
SASKATCHEWAN—								
Anthracite.....								
Bituminous.....	120,467			9	1,555			121,003
Sub-bituminous.....	27,215							27,215
Lignite.....	662,836	822,844	246,036	2,233	23			1,237,434
Total.....	662,836	970,526	246,036	2,242	1,558			1,386,642
ALBERTA—								
Bituminous.....	1,846,306	34,247	214,904	230	912			1,066,331
Sub-bituminous.....	471,343		119,027					352,316
Lignite.....	2,246,308		33	1,211,662	961			1,033,776
Total.....	4,564,015	34,280	1,545,593	1,191	912			3,052,423
BRITISH COLUMBIA—								
Anthracite.....					33			33
Bituminous.....	1,876,406	41,589	158,606	128,986	2,298			1,632,701
Sub-bituminous.....		37,703						37,703
Lignite.....		92,614		19,123	6,387			79,878
Total.....	1,876,406	171,906	158,606	148,109	8,718			1,750,315
YUKON—								
Bituminous.....		904			10			914
Total.....		904			10			914
CANADA—								
Anthracite.....								
Bituminous.....	8,861,360	2,605,071	2,605,071	336,302	10,224,982	122,298		18,872,338
Sub-bituminous.....	471,343	119,027	119,027					471,343
Lignite.....	2,910,508	1,457,698	1,457,698	23,551	6,410			2,893,367
Total.....	12,243,211	4,181,796	4,181,796	359,853	12,167,815	298,662	60,762	23,415,189

\*Shipments to any point in Ontario from western mines.

Table 27.—Summary Statistics for 1932—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	Im- ported from Germany	Im- ported from French East Indies	Im- ported from Bel- gium	Im- ported from New- found- land	Coal available for con- sumption
	Output	Received from other provinces	Shipped to other provinces	Ex- ported							
PRINCE EDWARD IS- LAND—											
Anthracite.....					2,034	3,865					5,899
Bituminous.....	69,142			70	3,973	2,067					75,112
Total.....	69,142			70	6,007	5,032					81,011
NOVA SCOTIA—											
Anthracite.....					10,177	43,294				650	54,121
Bituminous.....	4,084,581		2,021,831	108,028	59	49,274					2,001,055
Total.....	4,084,581		2,024,831	108,028	10,236	92,568			650		2,055,176
NEW BRUNSWICK—											
Anthracite.....					29,666	78,633					108,299
Bituminous.....	212,695	367,728	2,067	51,315	11,349	15,792					554,182
Total.....	212,695	367,728	2,067	51,315	41,015	94,425					662,481
QUEBEC—											
Anthracite.....					408,005	1,241,704	52,189				1,701,808
Bituminous.....	1,587,423			66	470,781	290,780					2,348,920
Sub-bituminous.....	135										135
Lignite.....											
Total.....	1,587,558			66	878,786	1,532,484	52,189				2,450,953
CENTRAL ONTARIO—											
Anthracite.....					1,223,839	26,910					1,250,758
Bituminous.....	3,031				8,6913,221	3,001					6,019,245
Sub-bituminous.....	5,709										5,709
Lignite.....	21,016										21,010
Total.....	29,756				8,8,137,000	29,920					8,190,728
MANITOBA AND HEAD OF LAKES—											
Anthracite.....					11,808	4,669					16,477
Bituminous.....	201,154			105	766,148						967,107
Sub-bituminous.....	63,387										63,387
Lignite.....	1,552	636,622		1,125	156						637,205
Total.....	1,552	901,163		1,320	778,112	4,669					1,684,170
SASKATCHEWAN—											
Anthracite.....					611	1,459					112,737
Bituminous.....	111,889										33,858
Sub-bituminous.....	33,858										1,628,139
Lignite.....	887,139	1,011,865	368,715	2,197	17						
Total.....	887,139	1,157,642	368,715	2,808	1,476						1,674,734
ALBERTA—											
Anthracite.....					3						3
Bituminous.....	1,734,705	11,231	225,450	287	830						1,521,029
Sub-bituminous.....	560,902		141,837								419,065
Lignite.....	2,575,041		1,385,624	709							1,188,708
Total.....	4,870,648	11,231	1,752,911	996	833						3,128,805
BRITISH COLUMBIA—											
Anthracite.....					2				700		702
Bituminous.....	1,681,490	21,109	120,359	109,713	2,424	1,154					1,470,105
Sub-bituminous.....	38,748										38,748
Lignite.....	84,806			11,163	2,780						76,423
Total.....	1,681,490	144,663	120,359	120,876	5,204	1,156			700		1,591,978
YUKON—											
Bituminous.....	808				4						812
Total.....	808				4						812
CANADA—											
Anthracite.....											3,138,157
Bituminous.....	7,714,279	2,372,707	2,372,707	270,293	1,685,532	1,399,086	52,189	700	650		2,15,976,304
Sub-bituminous.....	560,902	141,837	141,837		8,170,248	362,068					560,902
Lignite.....	3,463,732	1,754,339	1,754,339	15,194	2,953						3,451,491
Total.....	11,738,913	4,268,883	4,268,883	285,487	9,838,733	1,761,154	52,189	700	650		2,23,126,854

\* Shipments to any point in Ontario from western mines.

Table 28.—Coal Made Available for Consumption in Canada, 1931 and 1932

(Short tons)

Month	1931				1932			
	Output	Imports	Exports	Coal made available for use	Output	Imports	Exports	Coal made available for use
January .....	1,170,885	792,826	37,017	1,935,684	1,188,467	629,633	34,017	1,784,083
February.....	903,340	830,609	21,641	1,772,308	1,230,218	508,096	26,948	1,711,908
March.....	1,051,253	815,429	32,251	1,834,431	1,050,679	711,522	27,380	1,734,812
April.....	898,747	537,530	12,431	1,423,846	739,531	542,398	12,576	1,269,356
May.....	912,337	1,191,017	27,887	2,075,467	697,764	1,039,887	18,269	1,719,382
June.....	891,425	1,198,479	38,066	2,051,838	703,808	958,742	13,771	1,738,830
July.....	831,880	1,245,395	35,603	2,041,672	651,911	1,054,454	27,878	1,678,487
August.....	767,547	1,498,354	27,436	2,238,465	727,075	1,198,210	24,281	1,901,004
September.....	1,012,659	1,507,250	25,410	2,494,499	934,191	1,298,274	18,854	2,211,611
October.....	1,226,032	1,475,673	37,782	2,663,923	1,268,028	1,331,774	17,748	2,582,054
November.....	1,301,659	1,414,082	21,922	2,693,819	1,253,947	1,508,202	33,255	2,728,894
December.....	1,206,447	1,025,187	42,407	2,189,227	1,203,240	893,636	30,510	2,066,366
<b>Total.....</b>	<b>12,243,211</b>	<b>13,531,831</b>	<b>359,853</b>	<b>25,415,189</b>	<b>11,738,913</b>	<b>11,673,428</b>	<b>285,487</b>	<b>23,126,854</b>

Table 29.—Annual Consumption of Coal in Canada, 1902-1932

Calendar year	Imported coal "entered for consumption"						Total	Per capita
	Canadian*		From U.S.A.	From Great Britain	Total†			
	Short tons	%	Short tons	Short tons	Short tons	%	Short tons	
1902.....	5,376,413	53·1	4,656,286	101,726	4,734,559	46·9	10,110,972	1·848
1903.....	6,005,735	47·3	6,520,931	184,593	6,678,450	52·7	12,684,185	2·212
1904.....	6,697,183	47·9	7,238,869	85,687	7,297,482	52·1	13,994,665	2·412
1905.....	7,032,661	49·4	7,233,738	68,500	7,215,446	50·6	14,249,107	2·341
1906.....	7,927,560	50·5	7,787,338	67,014	7,758,325	49·5	15,685,883	2·481
1907.....	8,617,352	45·0	10,588,697	54,325	10,549,503	55·0	19,166,855	2·947
1908.....	9,156,478	47·3	10,203,335	97,514	10,195,424	52·7	19,351,902	2·820
1909.....	8,913,376	47·9	9,805,253	67,671	9,711,826	52·1	18,625,202	2·682
1910.....	10,532,103	50·2	10,545,451	51,541	10,437,123	49·8	20,970,226	2·960
1911.....	9,822,749	40·5	14,510,129	48,063	14,424,940	59·5	24,347,698	3·365
1912.....	12,385,096	46·0	14,557,124	38,608	14,549,104	54·0	26,834,800	3·657
1913.....	13,450,158	42·6	18,145,769	37,825	18,132,387	57·4	31,582,545	4·190
1914.....	12,214,403	45·5	13,687,853	33,101	14,637,920	54·5	26,852,323	3·490
1915.....	11,500,490	48·1	12,450,796	15,098	12,406,212	51·0	23,996,602	3·041
1916.....	12,348,036	41·3	17,576,202	4,401	17,517,820	58·7	29,865,856	3·717
1917.....	12,313,603	37·2	20,848,009	9,451	20,818,132	62·8	33,123,735	4·049
1918.....	13,160,731	37·8	21,674,826	3,761	21,611,101	62·2	34,771,832	4·175
1919.....	11,611,168	40·3	17,292,913	344	17,238,269	59·7	28,847,437	3·402
1920.....	14,025,566	42·9	18,752,981	.....	18,668,741	57·1	32,694,307	3·788
1921.....	12,715,734	41·1	18,300,081	1,591	18,258,387	58·9	30,974,121	3·524
1922.....	13,044,352	50·2	12,255,555	765,990	12,962,189	49·8	26,006,541	2·916
1923.....	15,070,962	41·8	20,417,239	572,570	20,967,371	58·2	36,038,933	4·000
1924.....	12,529,358	42·8	16,405,344	317,112	16,714,143	57·2	29,243,501	3·199
1925.....	12,125,290	42·6	15,744,957	604,117	16,331,971	57·4	28,457,261	3·062
1926.....	15,046,296	47·7	18,204,405	287,299	16,562,555	52·3	31,651,851	3·349
1927.....	15,944,983	46·7	17,266,434	907,220	18,177,303	53·3	34,122,286	3·541
1928.....	16,487,807	50·0	15,830,888	682,755	16,515,582	50·0	33,003,389	3·356
1929.....	16,387,461	48·0	16,780,452	843,502	17,724,132	52·0	34,111,503	3·402
1930.....	14,052,671	43·3	16,971,933	1,144,861	14,412,039	56·7	32,464,710	3·181
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	22,867,183	2·177

\*The sum of Canadian coal mine sales, colliery consumption, coal supplied to employees, and coal used in making coke, etc., 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 30.—Coke made Available for Consumption in Canada, with the Coal Equivalent of the Imported Coke, 1902-1932

Year	Output	Imports	Exports	Coke made available for consumption	Coal equivalent of imported coke	
					Tons	Tons per capita
1902	502,043	266,140	62,568	705,615	409,446	.075
1903	561,318	258,703	32,608	787,413	398,004	.069
1904	554,093	239,310	102,463	690,930	368,169	.063
1905	700,488	470,486	116,071	1,054,903	723,824	.119
1906	782,055	501,942	37,003	1,246,894	772,218	.122
1907	842,003	624,649	70,617	1,396,035	900,907	.147
1908	858,257	426,971	58,708	1,226,520	650,878	.096
1909	862,011	661,425	74,067	1,449,369	1,017,576	.146
1910	902,715	737,088	57,971	1,581,832	1,133,980	.100
1911	635,651	751,380	9,852	1,677,188	1,155,982	.100
1912	1,411,220	628,174	57,744	1,981,659	906,420	.132
1913	1,530,499	723,906	68,235	2,186,170	1,113,700	.147
1914	1,023,860	553,046	67,838	1,509,968	850,839	.110
1915	1,170,473	637,857	35,869	1,772,461	981,317	.120
1916	1,469,741	757,116	48,539	2,178,318	1,164,793	.144
1917	1,245,862	970,106	23,595	2,192,373	1,492,469	.182
1918	1,250,744	1,165,590	29,812	2,386,722	1,793,213	.215
1919	1,675,032	383,374	14,709	2,043,697	589,805	.069
1920	1,708,203	586,406	39,536	2,255,073	902,162	.104
1921	1,463,099	228,030	20,907	1,671,122	350,815	.039
1922	1,232,646	336,270	19,831	1,549,085	517,338	.058
1923	1,668,298	733,604	34,407	2,367,495	1,128,620	.125
1924	1,436,912	521,725	23,144	1,935,493	802,653	.087
1925	1,546,739	852,427	25,578	2,373,588	1,311,405	.141
1926	2,027,058	988,034	41,690	2,973,393	1,520,051	.101
1927	2,026,438	772,235	74,109	2,724,564	1,188,053	.123
1928	2,314,127	1,060,029	25,058	3,349,048	1,630,812	.168
1929	2,677,581	1,226,853	25,208	3,879,226	1,887,484	.193
1930	2,385,994	1,061,040	29,801	3,417,233	1,632,368	.164
1931	1,832,700	733,274	20,905	2,545,069	1,128,113	.109
1932	1,637,701	651,802	15,409	2,274,034	1,002,771	.095

\* Prior to 1925 exports of petroleum coke were included.

Table 31.—Annual Consumption of Coal by Railroad Locomotives in Canada, 1911-1932

(Compiled in the Transportation Branch)

Year	Anthracite		Bituminous		Total		
	Short tons	Value	Short tons	Value	Short tons	Value	
Year ended June 30—		\$		\$		\$	
1911	6,444		6,769,903		6,776,347		
1912	5,374		7,732,938		7,738,312		
1913	4,682		9,040,963		9,945,623		
1914	5,271		8,268,186		8,273,157		
1915	3,691		6,673,845		6,677,536		
1916	4,899		8,672,455		8,677,334		
1917	4,900		9,783,524		9,785,424		
1918	3,283		9,836,623		9,839,906		
1919	4,430		9,136,593		9,141,023		
Calendar year—							
1920	4,270		10,372,687		10,376,937		
1921	9,681		8,781,607		8,794,288		
1922	8,721		9,032,366	57,636,011	9,041,087	57,706,534	
1923	15,184		97,243	6,925,782	9,940,976	58,586,537	
1924	12,400		69,496	9,003,116	49,592,428	9,013,516	49,661,924
1925	12,809		61,066	8,809,969	44,954,692	8,522,778	45,015,758
1926	13,630		61,420	9,294,051	44,111,138	9,307,687	44,172,558
1927	12,570		58,857	9,487,390	44,728,524	9,499,960	44,787,381
1928	10,798		64,166	10,313,198	47,173,847	10,323,906	47,238,013
1929	11,409		70,094	9,828,711	43,130,696	9,640,120	43,200,790
1930	7,062		33,249	8,251,167	36,292,562	8,258,229	36,323,911
1931	3,336		14,763	6,858,772	29,691,134	6,862,108	29,765,897
1932	1,934		7,578	5,955,085	25,101,489	5,957,019	25,109,067

Table 32.—Average Price per Short Ton of Canadian Coal at the Mines by Grades for each District and Province, 1932

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.....	4.16	3.55	4.71	4.18	.....	.....	4.25	3.67	.....	.....	2.41	1.75
Cumberland.....	4.24	3.56	4.95	4.34	.....	.....	.....	.....	.....	.....	2.41	1.87
Inverness.....	4.50	3.60	6.56	5.00	.....	.....	.....	.....	.....	.....	1.60	1.38
Pictou.....	5.05	4.22	6.13	4.85	4.80	4.30	4.70	4.00	.....	.....	3.17	2.75
<b>Average.....</b>	<b>4.36</b>	<b>3.67</b>	<b>5.17</b>	<b>4.41</b>	<b>4.80</b>	<b>4.30</b>	<b>4.36</b>	<b>3.75</b>	.....	.....	<b>2.52</b>	<b>1.97</b>
<b>NEW BRUNSWICK.....</b>	<b>3.72</b>	<b>3.24</b>	<b>4.45</b>	<b>3.87</b>	.....	.....	<b>5.47</b>	<b>3.72</b>	.....	.....	<b>2.94</b>	<b>2.19</b>
<b>MANITOBA.....</b>	.....	.....	<b>3.00</b>	<b>2.75</b>	.....	.....	.....	.....	.....	.....	<b>1.00</b>	<b>0.75</b>
<b>SASKATCHEWAN.....</b>	<b>1.61</b>	<b>1.53</b>	<b>1.71</b>	<b>1.48</b>	<b>1.76</b>	<b>1.34</b>	<b>1.13</b>	<b>0.90</b>	<b>1.32</b>	<b>1.17</b>	<b>1.00</b>	<b>0.79</b>
<b>ALBERTA—</b>												
<b>Bituminous—</b>												
Cascade.....	5.00	3.90	6.00	5.50	4.50	4.50	4.25	4.25	4.00	3.20	3.75	2.75
Crowsnest.....	3.68	3.24	4.84	4.20	.....	.....	4.00	3.92	.....	.....	2.76	2.19
Mountain Park.....	3.31	3.02	4.33	4.00	.....	.....	4.00	4.00	.....	.....	2.80	2.52
Nordegg.....	3.50	3.50	.....	.....	.....	.....	.....	.....	.....	.....	1.00	1.00
<b>Average bituminous.....</b>	<b>3.66</b>	<b>3.24</b>	<b>4.92</b>	<b>4.40</b>	<b>4.50</b>	<b>4.50</b>	<b>4.44</b>	<b>3.99</b>	<b>4.00</b>	<b>3.20</b>	<b>2.71</b>	<b>2.22</b>
<b>Sub-bituminous—</b>												
Coalspur.....	3.14	3.06	4.24	3.51	3.49	3.05	2.87	2.07	1.65	1.50	1.25	0.99
Pekisko.....	3.37	2.71	.....	.....	.....	.....	3.25	3.25	.....	.....	1.05	1.05
Pincher.....	3.00	3.00	3.50	3.50	.....	.....	2.75	2.25	.....	.....	1.23	1.15
Prairie Creek.....	3.37	3.02	4.00	3.87	4.50	4.00	2.75	2.25	.....	.....	1.62	1.17
Saunders.....	4.12	4.12	5.87	4.50	4.25	4.00	3.50	2.25	2.00	1.50	1.50	1.05
<b>Average sub-bituminous.....</b>	<b>3.36</b>	<b>3.10</b>	<b>4.36</b>	<b>3.75</b>	<b>3.77</b>	<b>3.37</b>	<b>3.06</b>	<b>2.29</b>	<b>1.82</b>	<b>1.50</b>	<b>1.28</b>	<b>1.05</b>
<b>Lignite—</b>												
Ardley.....	2.30	<b>1.70</b>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Big Valley.....	2.62	2.42	3.50	2.50	.....	.....	2.00	1.50	.....	.....	1.50	1.00
Brooks.....	.....	.....	3.50	3.15	.....	.....	.....	.....	.....	.....	1.61	1.19
Camrose.....	1.93	1.78	3.07	2.67	1.80	1.00	2.42	1.92	.....	.....	0.47	0.42
Carbon.....	2.28	2.11	2.91	2.51	2.58	2.02	1.57	1.32	.....	.....	.....	.....
Castor.....	2.00	1.77	2.00	1.78	1.20	1.00	1.00	1.00	.....	.....	.....	.....
Champion.....	3.67	2.83	3.31	2.25	2.25	2.25	1.80	1.55	.....	.....	1.00	1.00
Drumheller.....	2.93	2.71	3.57	3.07	2.64	2.25	2.44	1.71	1.46	1.00	0.68	0.46
Edmonton.....	2.36	2.04	3.08	2.74	2.31	1.95	1.72	1.49	1.00	1.00	0.66	0.46
Gleichen.....	3.00	3.00	4.00	3.80	.....	.....	2.00	2.00	.....	.....	.....	.....
Halcourt.....	3.94	3.75	4.50	4.33	.....	.....	.....	.....	.....	.....	1.12	1.12
Lethbridge.....	3.00	2.56	3.81	3.22	3.30	3.20	2.41	2.14	1.65	1.57	0.87	0.71
Magrath.....	.....	4.00	2.00	.....	.....	.....	2.00	2.00	.....	.....	.....	.....
Milk River.....	2.00	2.00	3.50	3.50	.....	.....	.....	.....	.....	.....	.....	.....
Pakowki.....	3.00	2.33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina.....	2.00	1.25	3.20	2.45	3.00	2.37	4.25	1.57	2.02	1.35	0.85	0.65
Redcliff.....	2.25	2.00	3.50	2.75	2.25	2.00	.....	.....	.....	.....	0.50	0.50
Rochester.....	2.75	2.75	.....	.....	.....	.....	.....	.....	.....	.....	1.00	1.00
Sherrills.....	2.19	1.96	2.50	2.07	.....	.....	.....	.....	.....	.....	0.52	0.19
Tabor.....	2.27	2.02	2.82	2.52	.....	.....	1.67	1.46	.....	.....	1.00	1.00
Tofield.....	1.62	1.37	2.22	1.80	1.50	1.42	1.25	1.00	.....	.....	1.00	1.00
Wetaskiwin.....	.....	.....	3.00	1.00	.....	.....	.....	.....	.....	.....	.....	.....
<b>Average lignite.....</b>	<b>2.47</b>	<b>2.18</b>	<b>3.20</b>	<b>2.72</b>	<b>2.49</b>	<b>2.14</b>	<b>1.98</b>	<b>1.62</b>	<b>1.51</b>	<b>1.15</b>	<b>0.78</b>	<b>0.59</b>
<b>Average for Alberta.....</b>	<b>2.60</b>	<b>2.40</b>	<b>3.42</b>	<b>2.92</b>	<b>2.78</b>	<b>2.43</b>	<b>2.28</b>	<b>1.87</b>	<b>1.72</b>	<b>1.34</b>	<b>1.13</b>	<b>0.89</b>
<b>BRAITISH COLUMBIA—</b>												
Crow's Nest Pass.....	4.25	3.27	5.37	4.50	.....	.....	.....	.....	.....	.....	3.62	2.27
Inland.....	4.06	3.97	5.13	4.58	4.44	4.24	3.66	3.30	2.47	2.25	1.13	0.95
Island.....	.....	.....	5.73	5.65	5.43	5.15	4.70	4.47	4.90	4.60	2.54	2.46
<b>Average.....</b>	<b>4.12</b>	<b>3.74</b>	<b>5.40</b>	<b>5.00</b>	<b>4.88</b>	<b>4.63</b>	<b>4.12</b>	<b>3.82</b>	<b>3.51</b>	<b>3.26</b>	<b>2.10</b>	<b>1.73</b>
<b>YUKON.....</b>	.....	.....	<b>10.00</b>	<b>10.00</b>	.....	.....	.....	.....	.....	.....	.....	.....
<b>Canada.....</b>	<b>2.60</b>	<b>2.32</b>	<b>3.59</b>	<b>3.12</b>	<b>3.00</b>	<b>2.65</b>	<b>2.53</b>	<b>2.11</b>	<b>2.21</b>	<b>1.88</b>	<b>1.47</b>	<b>1.16</b>

Table 33.—Yearly Average Retail Prices of Coal in Canada by Principal Municipalities,  
1930-1932

(Compiled in the Internal Trade Branch)

Province and municipality	Anthracite			Bituminous		
	1930	1931	1932	1930	1931	1932
	\$	\$	\$	\$	\$	\$
PRINCE EDWARD ISLAND— Charlottetown.....				10.12	9.94	9.72
NOVA SCOTIA— Amherst.....				9.25	9.01	8.61
Halifax.....				10.87	10.87	10.69
Truro.....				10.25	10.25	9.87
NEW BRUNSWICK— Bathurst.....				10.00	10.00	9.64
Fredericton.....				11.50	11.50	10.96
Moncton.....				11.00	11.00	10.81
St. John.....				12.37	12.30	11.95
QUEBEC— Hull.....	15.50	15.60	15.81			
Montreal.....	15.90	15.62	15.25			
Quebec.....	15.26	15.29	14.96			
St. Hyacinthe.....	14.62	14.48	14.32			
St. Johns.....	14.21	14.38	13.62			
Sherbrooke.....	16.08	15.84	15.41			
Sorel.....	14.38	14.31	14.32			
Three Rivers.....	14.75	14.75	14.85			
ONTARIO— Belleville.....	15.22	15.50	15.33			
Brantford.....	15.00	15.08	14.62			
Brockville.....	15.04	15.00	15.00			
Chatham.....	15.50	15.40	15.60			
Fort William.....	16.75	16.97	16.75			
Galt.....	15.06	15.06	14.87			
Guelph.....	15.04	15.03	14.71			
Hamilton.....	14.92	15.10	14.58			
Kingston.....	14.75	15.00	15.00			
Kitchener.....	15.92	15.01	14.50			
London.....	15.54	15.54	15.34			
Niagara Falls.....	13.85	13.48	12.94			
Orillia.....	15.75	15.92	15.58			
Ottawa.....	15.50	15.71	15.81			
Owen Sound.....	13.04	15.21	14.99			
Peterborough.....	15.23	15.12	14.96			
Port Arthur.....	17.25	17.25	17.03			
St. Catharines.....	14.58	15.62	15.04			
St. Thomas.....	15.42	15.35	15.08			
Sault Ste. Marie.....	15.75	15.67	15.37			
Stratford.....	15.33	15.46	14.92			
Toronto.....	15.17	15.04	14.62			
Windsor.....	15.50	15.71	15.25			
Woodstock.....	15.06	14.12	14.83			
MANITOBA— Brandon.....				11.50	11.36	10.64
Winnipeg.....				12.00	11.67	11.08
SASKATCHEWAN— Moose Jaw.....				10.00	9.49	9.10
Prince Albert.....				10.00	9.98	9.87
Regina.....				10.50	10.21	9.77
Saskatoon.....				9.75	9.60	9.29
ALBERTA— Calgary...{Drumheller lump.....				8.50	8.50	8.46
Edmonton...{Edmonton lump.....				9.25	9.25	9.25
Edmonton.....				5.75	5.54	4.98
BRITISH COLUMBIA— Nelson.....				11.50	11.50	11.02
New Westminster.....				11.71	11.09	10.50
Prince Rupert.....				12.00	12.06	12.56
Trail.....				11.00	11.00	11.00
Vancouver.....				11.62	11.00	10.50
Victoria.....				11.46	11.12	10.75

Table 34.—Average value of Coal f.o.b. Mines, together with Labour, Fuel and Electricity Costs per ton Raised by Provinces and by Districts in 1931 and 1932

	1931			1932		
	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.....	3.604	2.856	.332	3.530	2.552	.471
Cumberland.....	4.241	2.635	.559	4.013	2.394	.500
Inverness.....	4.184	3.920	.518	3.964	3.490	.693
Pictou.....	4.544	3.255	.329	4.313	3.234	.381
Total Nova Scotia.....	3.837	2.910	.369	3.713	2.638	.471
<b>New Brunswick—(Bituminous)</b>	4.079	2.770	.137	3.734	2.636	.104
<b>MANITOBA—(Lignite)</b>	2.907	2.287	.....	2.374	2.064	.....
<b>SASKATCHEWAN—(Lignite)</b>	1.426	.769	.081	1.386	.715	.081
<b>ALBERTA—</b>						
<b>Bituminous—</b>						
Cascade.....	4.003	2.355	.301	3.749	2.184	.341
Crowsnest.....	3.295	1.970	.247	3.202	2.103	.241
Mountain Park.....	3.339	1.936	.147	3.267	1.794	.118
Nordegg.....	3.438	2.040	.138	3.359	2.020	.121
Total Bituminous.....	3.385	2.001	.217	3.295	1.978	.191
<b>Sub-bituminous—</b>						
Coalspur.....	2.380	1.625	.112	2.129	1.442	.090
Pekisko.....	2.583	1.936	.....	2.088	1.843	.....
Pincher.....	3.141	2.041	.049	2.909	1.715	.033
Prairie Creek.....	3.145	3.174	.094	3.105	2.650	.112
Saunders.....	4.128	3.521	.309	3.084	3.237	.282
Total Sub-bituminous.....	2.570	1.883	.125	2.370	1.706	.104
<b>Lignite—</b>						
Ardley.....	2.447	1.225	.034	2.317	1.262	.....
Big Valley.....	2.099	1.221	.108	1.988	1.283	.079
Brooks.....	3.640	2.487	.044	2.869	2.011	.004
Camrose.....	2.115	1.386	.032	2.050	1.443	.031
Carbon.....	2.353	1.486	.045	2.258	1.638	.036
Castor.....	2.146	1.035	.024	1.935	1.284	.024
Champion.....	3.778	1.818	.023	2.832	1.760	.035
Drumheller.....	2.800	1.866	.087	2.695	1.725	.079
Edmonton.....	2.000	1.478	.043	1.985	1.388	.052
Gleichen.....	3.772	1.407	.155	3.406	1.908	.114
Halcourt.....	3.888	1.473	.....	3.780	1.992	.....
Lethbridge.....	3.302	2.545	.142	3.149	2.411	.134
Magrath.....	3.559	.906	.....	3.239	2.100	.097
Milk River.....	3.750	1.694	.....	2.874	1.753	.....
Pakowki.....	2.608	1.710	.....	.653	.510	.....
Pembina.....	1.921	1.522	.094	1.844	1.324	.081
Redcliff.....	2.116	1.287	.051	2.134	1.284	.....
Rochester.....	2.249	2.000	.....	2.207	1.397	.251
Sexsmith.....	2.500	2.353	.....	.....	.....	.....
Sheerness.....	1.968	1.052	.076	1.832	1.182	.081
Steveville.....	.....	.....	.....	2.515	1.838	.....
Taber.....	2.337	1.374	.004	2.176	1.386	.....
Tofield.....	1.745	1.041	.070	1.720	1.080	.080
Wetaskiwin.....	2.588	.857	.....	2.295	.789	.....
Whitecourt.....	2.120	2.000	.....	2.500	.....	.....
Total Lignite.....	2.618	1.805	.083	2.517	1.701	.076
Total Alberta.....	2.923	1.892	.142	2.777	1.800	.120
<b>BRITISH COLUMBIA—(Bituminous)</b>						
Crow's Nest Pass.....	3.146	2.146	.287	2.959	2.059	.295
Inland.....	3.913	2.809	.257	3.790	2.877	.269
Island.....	4.290	2.732	.264	4.430	2.841	.271
Total British Columbia.....	3.811	2.521	.272	3.802	2.557	.279
<b>YUKON—(Bituminous)</b>	5.574	1.088	.060	4.321	3.001	.071
<b>Canada</b>	<b>3.366</b>	<b>2.353</b>	<b>.250</b>	<b>3.162</b>	<b>2.133</b>	<b>.262</b>

Table 35.—Employees, Salaries and Wages in the Coal Mines in Canada, by Provinces, 1932

Province	Average number of employees					Salaries and wages		
	Salaried employees		Wage-earners		Total	Salaries	Wages	Total
	Male	Female	Surface	Under-ground				
Nova Scotia.....	405	45	2,079	10,544	13,023	797,164	9,978,207	10,775,371
New Brunswick.....	20	7	140	569	736	53,094	507,664	560,758
Manitoba.....			2	4	6		3,204	3,204
Saskatchewan.....	47	5	224	524	800	109,833	524,212	634,045
Alberta.....	565	35	2,071	5,753	8,424	1,292,084	7,475,667	8,767,751
British Columbia.....	217	17	1,036	2,048	3,918	527,153	3,772,062	4,299,215
Yukon.....			1	2	3		2,425	2,425
<b>Canada.....</b>	<b>1,254</b>	<b>100</b>	<b>5,553</b>	<b>20,044</b>	<b>28,960</b>	<b>2,779,328</b>	<b>22,263,441</b>	<b>25,042,769</b>

Table 36.—Employment and Earnings in the Coal Mines of Canada, 1928-1932

	1928	1929	1930	1931	1932
Average number of wage-earners—					
Surface.....	6,522	6,323	6,106	5,788	5,553
Underground.....	22,232	21,904	21,598	20,701	20,044
<b>Total.....</b>	<b>28,754</b>	<b>28,227</b>	<b>27,704</b>	<b>26,489</b>	<b>25,597</b>
Days' work done—					
Surface.....	1,808,183	1,736,276	1,529,602	1,292,264	1,213,937
Underground.....	5,358,827	5,381,416	4,547,082	3,599,277	3,330,325
<b>Total.....</b>	<b>7,167,010</b>	<b>7,117,692</b>	<b>6,076,684</b>	<b>4,891,541</b>	<b>4,544,262</b>
Average number of days worked per man per year—					
Surface.....	277	275	250	223	210
Underground.....	241	246	210	174	166
<b>By all wage-earners.....</b>	<b>249</b>	<b>252</b>	<b>219</b>	<b>185</b>	<b>177</b>
<b>Total wages paid.....</b>	<b>\$ 39,832,353</b>	<b>\$ 39,082,429</b>	<b>\$ 33,257,178</b>	<b>\$ 25,841,882</b>	<b>\$ 22,263,441</b>

Table 37.—Wage-earners Employed in the Coal Mines of Canada by Months and by Provinces, 1928-1932

Month and year	Nova Scotia	New Brunswick	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Canada
January.....								
1928.....	13,498	587	.....	726	11,512	5,330	.....	31,653
1929.....	12,906	674	.....	711	11,174	4,995	.....	30,466
1930.....	13,328	617	.....	723	11,060	5,141	.....	30,569
1931.....	13,555	659	.....	672	10,880	4,292	.....	30,658
1932.....	13,348	680	19	872	9,603	3,985	.....	28,507
February.....								
1928.....	13,444	573	.....	603	10,245	5,231	.....	30,996
1929.....	12,665	698	.....	691	11,098	4,953	.....	30,105
1930.....	13,202	625	.....	631	9,784	5,056	.....	29,298
1931.....	13,149	672	.....	613	9,235	4,150	.....	27,819
1932.....	13,315	721	19	843	9,280	3,973	.....	28,151
March.....								
1928.....	13,501	565	.....	521	9,174	5,147	.....	28,798
1929.....	12,400	666	.....	592	9,212	5,105	.....	27,975
1930.....	13,183	601	.....	521	8,616	4,197	.....	27,118
1931.....	13,276	622	.....	545	8,164	4,064	.....	26,671
1932.....	13,208	654	9	715	7,957	3,867	.....	26,410
April.....								
1928.....	13,504	529	.....	333	7,660	4,800	.....	26,835
1929.....	12,578	560	.....	413	7,610	4,946	.....	26,107
1930.....	13,325	592	.....	364	6,017	4,178	.....	25,076
1931.....	13,462	597	.....	381	6,758	3,977	.....	25,175
1932.....	13,144	582	.....	504	5,485	3,762	.....	23,477
May.....								
1928.....	13,617	523	.....	307	6,837	4,879	.....	26,163
1929.....	12,700	533	.....	373	7,230	4,385	.....	25,201
1930.....	13,366	555	.....	338	6,299	4,149	.....	24,787
1931.....	13,449	550	.....	321	6,241	3,949	.....	24,510
1932.....	13,003	689	.....	356	5,400	3,762	3	23,316
June.....								
1928.....	13,528	532	.....	298	7,200	4,983	4	26,515
1929.....	12,824	533	.....	368	7,707	4,285	.....	25,720
1930.....	13,318	553	.....	312	6,496	4,153	.....	24,835
1931.....	13,607	536	.....	295	5,551	3,595	.....	23,587
1932.....	12,460	694	.....	310	5,208	3,521	.....	22,136
July.....								
1928.....	13,433	527	.....	304	7,698	4,058	4	26,924
1929.....	12,829	530	.....	375	8,053	4,370	.....	25,960
1930.....	13,225	566	.....	326	6,800	4,164	.....	25,087
1931.....	13,518	565	.....	317	5,673	3,629	.....	23,705
1932.....	12,241	688	.....	428	5,149	3,564	3	22,073
August.....								
1928.....	13,271	516	.....	318	8,033	4,892	4	27,634
1929.....	12,559	544	.....	391	8,689	4,445	3	26,631
1930.....	13,205	553	.....	382	7,702	4,206	3	26,051
1931.....	13,258	569	.....	345	6,321	3,575	3	21,872
1932.....	12,142	678	.....	462	6,397	3,625	2	23,386
September.....								
1928.....	12,950	549	.....	457	9,376	5,042	4	28,378
1929.....	12,850	515	.....	614	9,902	4,871	3	28,755
1930.....	13,431	563	.....	545	9,323	4,033	3	27,888
1931.....	13,205	589	.....	420	8,445	3,717	3	26,376
1932.....	12,295	719	.....	770	8,388	3,562	3	25,731
October.....								
1928.....	12,913	843	.....	738	10,412	5,269	.....	30,175
1929.....	12,936	538	.....	732	10,989	5,041	.....	30,236
1930.....	13,561	589	.....	777	10,946	4,324	.....	30,187
1931.....	13,421	594	33	772	9,158	3,810	.....	27,797
1932.....	11,720	687	3	1,443	10,061	3,599	.....	27,243
November.....								
1928.....	13,182	612	.....	773	11,181	5,047	.....	30,775
1929.....	12,989	558	.....	737	11,239	5,047	.....	30,570
1930.....	13,630	575	.....	740	11,339	4,368	.....	30,650
1931.....	13,445	636	39	908	9,965	3,909	.....	28,902
1932.....	12,263	815	7	1,302	10,580	3,496	.....	28,469
December.....								
1928.....	13,172	661	.....	719	11,417	4,943	.....	30,912
1929.....	13,082	583	.....	734	11,507	5,067	.....	30,973
1930.....	13,742	626	.....	703	11,203	4,387	.....	30,661
1931.....	13,306	711	41	864	9,893	4,007	.....	28,829
1932.....	12,338	895	11	1,257	10,377	3,502	.....	28,380
Average.....								
1928.....	13,333	585	.....	509	9,280	5,043	4	28,754
1929.....	12,760	578	.....	561	9,534	4,791	3	28,227
1930.....	13,376	584	.....	529	8,849	4,363	3	27,761
1931.....	13,388	608	38	528	8,924	3,890	3	26,189
1932.....	12,623	709	6	748	7,824	3,684	3	25,597

Table 38.—Wage-earners Employed and Days' Work Done by Months in the Coal Mines of Canada, 1932, with Comparative Totals for 1931

Month	Number of wage-earners			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	6,090	22,411	28,507	115,475	325,895	441,370
February.....	6,034	22,117	28,151	118,871	335,684	452,553
March.....	5,676	20,734	26,410	108,987	301,165	410,152
April.....	5,180	18,297	23,477	87,135	210,452	306,587
May.....	5,118	18,098	23,216	83,110	218,332	301,442
June.....	4,799	17,397	22,196	93,282	245,200	338,462
July.....	4,801	17,212	22,073	80,918	208,163	289,061
August.....	5,150	18,156	23,306	86,275	227,437	313,712
September.....	5,526	20,208	25,734	98,922	271,474	370,386
October.....	5,831	21,382	27,213	111,230	323,472	434,711
November.....	6,269	22,200	28,469	117,955	332,326	450,281
December.....	6,085	22,295	28,380	113,788	321,725	435,513
Total for 1932.....				1,213,937	3,330,325	4,544,262
Total for 1931.....				1,292,264	3,599,277	4,891,541

Table 39.—Wage-earners Employed in the Coal Mines of Canada, by Classes and by Provinces, 1932, with Comparative Totals for 1931

Classification	Province							Canada		
	Nova Scotia	New Brunswick	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Surface	Under-ground	Total
Administration.....	65	14		11	81	20		180	11	191
Officials, foremen and clerks.....	701	23	2	74	584	230	1	523	1,002	1,615
Screenmen and loaders.....	686	34		71	730	127	1	1,649		1,649
Stripping shovel operators.....				5				5		5
Hand cutters and helpers.....	1,024	437	3	296	1,743	1,150	1		4,631	4,631
Machine cutters and helpers.....	1,158	36		25	392	93			1,781	1,781
Machine loaders and helpers.....	2,062	15		42	1,668	143			3,930	3,930
Horse haulage employees.....	400	2	1	55	471	240		40	1,234	1,274
Mechanical haulage employees.....	1,562	5		23	328	263		93	2,895	2,181
Ventilation employees.....	257	2		1	64	29		1	352	353
Roadmakers.....	292	10		25	131	56		5	500	511
Timbermen.....	1,040	23		9	217	148		14	1,423	1,437
Pumpmen.....	112	4		6	43	27		7	185	192
Loading shovel.....				7				7		7
Chute loaders.....	41				132	6			179	179
Engineermen.....	238	15		11	153	64		408	73	481
Firemen.....	134			10	100	41		255		295
Machinists.....	193	1		3	62	51		301	9	310
Carpenters and masons.....	113	4		7	42	50		216		216
Other mechanics.....	290	4		9	78	112		272	221	493
Japanese.....						55		1	64	65
Chinese.....						193		123	70	193
Indians.....						1			1	1
All other employees.....	2,156	80		58	805	579		1,423	2,255	3,678
Total for 1932.....	12,623	709	6	748	7,824	3,684	3	5,553	20,044	25,597
Total for 1931.....	13,388	608	38	538	8,024	3,890	3	5,788	20,701	26,489

Table 40.—Average Output of Coal per Man-Day in Canada, by Provinces and by Districts, 1931 and 1932

	1931			1932		
	Number of man days	Output	Average output per man day	Number of man days	Output	Average output per man day
Nova Scotia—						
Cape Breton.....	1,495,573	3,449,472	2.306	1,187,383	2,831,753	2.385
Cumberland.....	369,541	694,097	1.878	323,032	634,516	1.959
Inverness.....	129,824	140,505	1.082	103,578	120,909	1.167
Pictou.....	448,243	671,489	1.498	348,891	497,403	1.426
Total.....	2,443,181	4,955,563	2.028	1,963,784	4,084,581	2.080
NEW BRUNSWICK.....	119,380	182,181	1.526	155,131	212,695	1.371
MANITOBA.....	867	1,306	1.506	1,128	1,552	1.376
SASKATCHEWAN.....	105,710	662,836	6.270	164,176	887,139	5.404
ALBERTA—						
Bituminous—						
Cascade.....	54,803	166,297	3.029	52,855	169,328	3.204
Crowsnest.....	297,743	951,948	3.197	240,365	714,356	2.972
Mountain Park.....	151,416	560,846	3.704	191,314	712,361	3.724
Nordegg.....	54,558	167,215	3.065	45,036	138,660	3.079
Total Bituminous.....	558,610	1,846,306	3.305	529,570	1,734,705	3.278
Sub-Bituminous—						
Coalspur.....	88,840	398,021	4.480	99,750	452,536	4.536
Pekisko.....	755	873	1.156	1,081	1,542	1.436
Pincher.....	1,703	2,414	1.417	1,932	2,790	1.444
Prairie Creek.....	16,902	35,523	2.102	30,587	69,127	2.227
Saunders.....	10,697	34,512	3.226	12,383	35,907	2.900
Total Sub-Bituminous.....	118,897	471,343	3.964	145,742	560,902	3.849
Lignite—						
Ardley.....	4,865	10,609	2.181	7,888	18,463	2.341
Big Valley.....	1,348	3,340	2.478	2,326	4,898	2.020
Brooks.....	2,221	4,908	2.210	2,443	6,823	2.711
Camrose.....	11,513	41,235	3.582	15,071	42,356	2.810
Carbon.....	26,327	85,831	3.260	30,280	88,394	2.918
Castor.....	10,029	24,319	2.425	14,122	37,118	2.628
Champion.....	6,523	12,113	1.857	9,997	17,321	1.733
Drunheller.....	290,119	1,070,710	3.691	334,654	1,245,673	3.722
Edmonton.....	115,740	370,657	3.202	149,038	452,814	3.038
Gleichen.....	1,789	3,166	1.770	2,482	5,058	2.038
Halcourt.....	1,286	1,702	1.323	1,655	2,163	1.307
Lethbridge.....	157,230	358,749	2.282	160,564	387,147	2.411
Magrath.....	1,595	1,750	1.097	1,475	1,786	1.211
Milk River.....	2,073	3,854	1.859	2,529	4,091	1.618
Pakam.....	955	1,602	1.677	349	196	0.562
Pakowki.....	23,867	92,859	3.891	23,229	99,101	4.266
Redcliff.....	7,416	25,120	3.387	7,300	24,064	3.296
Rochester.....	128	225	1.758	381	358	0.940
Sexsmith.....	30	34	1.133			
Sheerness.....	7,373	19,684	2.670	9,180	24,530	2.669
Steveville.....	5,733	12,400	2.124	124	136	1.097
Taber.....	5,678	11,856	2.088	7,969	14,389	1.806
Tofield.....	18,627	101,843	5.467	19,000	95,647	5.032
Wetaskiwin.....	184	175	0.951	130	190	1.462
Whitecourt.....	43	25	0.581	6	8	1.333
Total Lignite.....	896,959	2,246,306	3.223	803,882	2,575,041	3.203
Total Alberta.....	1,374,466	4,564,015	3.321	1,479,194	4,870,648	3.293
BRITISH COLUMBIA—						
Crow's Nest Pass.....	208,151	707,277	3.398	181,672	621,431	3.421
Island.....	129,185	238,354	1.845	118,462	221,172	1.867
Island.....	510,437	930,775	1.823	480,433	839,887	1.746
Total.....	847,773	1,876,406	2.213	780,507	1,681,490	2.154
YUKON.....	164	904	5.512	282	808	2.865
Canada.....	4,891,541	12,243,211	2.503	4,544,262	11,738,913	2.583

**Table 41.—Fatal and Non-Fatal Accidents in the Coal Mining Industry in Canada, by Provinces, 1932, with Comparative Totals for 1931**

	Nova Scotia		New Brunswick		Saskatchewan		Alberta		British Columbia		Canada		
	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	
<b>UNDERGROUND</b>													
Falls of roof or fence.....	7	257			101	1	19	9	45	5	192	22	611
Mine cars and locomotives.....	2	170	3	61	2	38	1	44	3	115	11	428	
Gas and dust explosions.....			2	5		1		3			2	9	9
Explosives.....				19		2		7			2		30
Electricity.....													5
Timbering.....								5					5
Mining and loading coal.....						59		9					68
Coal cutting machines.....								6					6
Miscellaneous.....	2	267		105		67		8		252	2	639	
Total under- ground.....	11	694	5	291	3	186	10	127	8	561	37	1,859	
<b>SURFACE</b>													
Haulage and cars.....			15		19		5	1	7		7	1	53
Machinery.....			6		10					2			18
Miscellaneous.....			73		19	1	29		23		82	1	226
Total surface.....			94		48	1	34	1	30		91	2	297
<b>Total for 1932</b> .....	<b>11</b>	<b>788</b>	<b>5</b>	<b>339</b>	<b>4</b>	<b>220</b>	<b>11</b>	<b>157</b>	<b>8</b>	<b>652</b>	<b>39</b>	<b>2,156</b>	
<b>Total for 1931</b> .....	<b>31</b>	<b>1,214</b>	<b>3</b>	<b>169</b>	<b>1</b>	<b>165</b>	<b>16</b>	<b>148</b>	<b>5</b>	<b>671</b>	<b>56</b>	<b>2,367</b>	

**Table 42.—Fuel and Electricity Used in the Coal Mining Industry in Canada by Kinds and by Provinces, 1932**

Province	Coal			Gasoline kerosene and fuel oil	Elec- tricity purchased	Total value	Elec- tricity generated for own use
	Bituminous	Sub- bituminous	Lignite				
<b>NOVA SCOTIA—</b>							
Quantity.....	344,980						
Value.....\$	1,188,242						
<b>NEW BRUNSWICK—</b>							
Quantity.....	3,123						
Value.....\$	11,475						
<b>SASKATCHEWAN—</b>							
Quantity.....				30,663	43,334	1,370,231	
Value.....\$				32,748	10,010	31,531	378,000
<b>ALBERTA—</b>							
Quantity.....	75,293	33,332	78,248	23,003	14,233,289		9,708,358
Value.....\$	222,422	59,260	72,850	5,596	210,878	371,006	
<b>BRITISH COLUMBIA—</b>							
Quantity.....	128,207				450	9,907,892	
Value.....\$	361,077				146	100,777	17,673,227
<b>YUKON—</b>							
Quantity.....	19						
Value.....\$	57						57
<b>Canada—</b>							
Quantity.....	551,622	33,332	108,911	66,877	78,529,830		47,311,377
Value.....\$	1,783,273	59,260	105,598	15,752	1,102,718	3,066,001	

Table 43.—Power Employed in the Coal Mining Industry in Canada, by Provinces, 1932, with Comparative Totals for 1931

Province	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water wheels	Total primary power	Electric motors run by purchased power	Total power employed	Electric motors run by primary power in same plant	Total electric motors	Boilers
Nova Scotia..... No. H.P.	76 55,661	.....	.....	76 55,661	179 5,199	255 60,860	428 46,139	607 51,338	123 34,994
New Brunswick..... No. H.P.	16 407	.....	.....	16 407	38 388	54 795	.....	38 388	16 531
Saskatchewan..... No. H.P.	19 1,605	14 222	.....	33 1,827	83 2,475	116 4,302	32 530	115 3,005	17 2,170
Alberta..... No. H.P.	176 28,726	64 829	.....	240 29,555	683 23,462	923 53,017	352 10,538	1,035 34,000	159 20,728
British Columbia..... No. H.P.	102 21,358	7 45	2 12,000	111 33,473	77 2,401	188 35,864	139 5,303	216 7,794	143 24,358
Yukon..... No. H.P.	.....	.....	.....	.....	.....	.....	.....	.....	1 25
<b>Total for 1932..... No. H.P.</b>	<b>359 107,757</b>	<b>85 1,096</b>	<b>2 12,000</b>	<b>476 120,833</b>	<b>1,060 33,925</b>	<b>1,536 154,778</b>	<b>951 62,600</b>	<b>2,011 96,525</b>	<b>459 82,806</b>
<b>Total for 1931..... No. H.P.</b>	<b>417 110,662</b>	<b>69 1,093</b>	<b>2 12,000</b>	<b>488 123,755</b>	<b>1,082 38,028</b>	<b>1,570 161,783</b>	<b>968 68,864</b>	<b>2,050 106,892</b>	<b>405 73,760</b>

Table 44.—Capital Employed in the Coal Mines of Canada by Provinces as at December 15, 1931 and 1932

Province	1931				1932			
	Capital employed as represented by				Capital employed as represented by			
	Cost of lands, buildings, machinery and tools	Cost of supplies and stocks on hand	Cash, trading and operating accounts and bills receivable	Total	Cost of lands, buildings, machinery and tools	Cost of supplies and stocks on hand	Cash, trading and operating accounts and bills receivable	Total
	\$	\$	\$	\$	\$	\$	\$	\$
Nova Scotia.....	47,499,461	2,495,702	5,772,916	55,768,079	49,245,089	1,944,931	5,004,082	56,794,102
New Brunswick...	1,635,844	19,934	246,197	1,991,975	1,449,380	18,885	178,190	1,646,455
Manitoba.....	.....	.....	.....	.....	589	.....	400	989
Saskatchewan.....	4,318,100	115,508	208,142	4,641,750	4,583,920	88,922	257,489	4,930,331
Alberta.....	41,137,728	1,360,120	6,421,881	48,919,729	36,803,903	1,324,810	5,826,217	43,954,930
British Columbia..	21,549,427	663,836	2,065,070	24,278,333	21,225,502	649,393	2,474,969	24,319,864
Yukon.....	203,000	.....	.....	203,000	203,000	.....	.....	203,000
<b>Canada.....</b>	<b>116,343,560</b>	<b>4,655,100</b>	<b>14,714,206</b>	<b>135,712,866</b>	<b>113,511,393</b>	<b>4,026,941</b>	<b>14,341,317</b>	<b>131,879,671</b>

## CHAPTER TWO

# PRINCE EDWARD ISLAND

Prince Edward Island's coal supply in 1932 was obtained from Nova Scotia, New Brunswick, Great Britain, and the United States. Coal made available for consumption during the year totalled 81,011 tons, consisting of 68,123 tons from Nova Scotia, 1,019 tons from New Brunswick, 5,932 tons from Great Britain, and 6,007 tons from the United States. There were 90,246 tons available for consumption in 1931: Nova Scotia supplied 84.8 per cent of this tonnage, Great Britain 10.2 per cent, and the United States 5.0 per cent.

Table 45.—Imports into Prince Edward Island of Anthracite and Bituminous Coal by Ports of Entry, 1931 and 1932

(Short tons)

Port	Source	1931					1932					
		Anthracite			Bituminous, all grades	Total coal	Anthracite			Bituminous, all grades	Total coal	
		Grate, egg, stove, nut and pea	Buck- wheat, rice and barley	Total			Grate, egg, stove, nut and pea	Screen- ings or dust	N.O.P.			
Charlottetown.	U.S....	1,271	.....	1,271	3,246	4,517	29	.....	2,005	2,034	3,973	6,007
	G.B....	4,565	.....	4,565	.....	4,565	.....	.....	1,364	1,364	2,067	3,431
Summerside....	U.S....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	G.B....	2,848	.....	2,848	1,833	4,681	2,501	.....	.....	2,501	.....	2,501
Total.....	U.S....	1,271	.....	1,271	3,246	4,517	29	.....	2,005	2,034	3,973	6,007
	G.B....	7,413	.....	7,413	1,833	9,246	2,501	.....	1,364	3,865	2,067	5,932
Grand total....		8,684	.....	8,684	5,079	13,763	2,530	.....	3,369	5,899	6,040	11,939

**Table 46.—Summary Statistics for 1932—Interprovincial Shipments, Imports and Coal made Available for Consumption in Prince Edward Island by Months and by Kinds**

(Short tons)

Month	Canadian coal received from other provinces	Exported	Imported from U.S.A.	Imported from Great Britain	Coal available for consumption
<b>January—</b>					
Anthracite.....	3,889				3,889
Bituminous.....					
Total.....	3,889				3,889
<b>February—</b>					
Anthracite.....	4,920				4,920
Bituminous.....					
Total.....	4,920				4,920
<b>March—</b>					
Anthracite.....	4,965				4,965
Bituminous.....					
Total.....	4,965				4,965
<b>April—</b>					
Anthracite.....	2,884				2,884
Bituminous.....					
Total.....	2,884				2,884
<b>May—</b>					
Anthracite.....	1,762		3,684		5,446
Bituminous.....					
Total.....	1,762		3,684		5,446
<b>June—</b>					
Anthracite.....	3,339		30		3,369
Bituminous.....					
Total.....	3,339		30		3,369
<b>July—</b>					
Anthracite.....	2,815				2,815
Bituminous.....					
Total.....	2,815				2,815
<b>August—</b>					
Anthracite.....	4,847		1,229	1,364	2,593
Bituminous.....				2,067	6,914
Total.....	4,847		1,229	3,431	9,507
<b>September—</b>					
Anthracite.....	8,134		225		8,359
Bituminous.....					
Total.....	8,134		225		8,359
<b>October—</b>					
Anthracite.....	11,957		805		805
Bituminous.....			34		11,991
Total.....	11,957		839		12,796
<b>November—</b>					
Anthracite.....	12,878	70		2,501	2,501
Bituminous.....					12,808
Total.....	12,878	70		2,501	15,309
<b>December—</b>					
Anthracite.....	6,752				6,752
Bituminous.....					
Total.....	6,752				6,752
<b>Total—</b>					
Anthracite.....	69,142		2,034	3,865	5,889
Bituminous.....			3,973	2,967	75,112
Total.....	69,142	70	6,007	5,932	81,011

## CHAPTER THREE

## NOVA SCOTIA

Nova Scotia mines produced 4,084,581 tons of coal in 1932 as compared with 4,955,563 tons in the preceding year. Declines were general in the four coal producing districts; Cape Breton mines recorded a 17.9 per cent falling-off in production, Cumberland mines, 8.6 per cent, Inverness mines, 13.9 per cent, and Pictou mines, 25.9 per cent.

Mine shipments declined 18.9 per cent, to 3,619,206 tons from the preceding year's total of 4,459,911 tons. Quebec continued to provide the principal market for Nova Scotia coal; shipments to this province totalled 1,586,375 tons or 43.8 per cent of the total tonnage shipped from the mines. Coal shipped for consumption within the province amounted to 788,048 tons or 21.8 per cent of the mine shipments. Railroads purchased 14.7 per cent of the coal shipped. The New Brunswick market absorbed 367,728 tons, Newfoundland 111,180 tons, Prince Edward Island 68,123 tons, the United States 43,868 tons, and other countries 1,382 tons. Coal sold for bunker purposes amounted to 117,812 tons. Ontario received 2,605 tons of Nova Scotia coal direct from the mines. Additional tonnages of Nova Scotia coal were shipped from stock at Montreal to the following consuming centres: Ottawa area 192,640 tons; Kingston area 8,863 tons, Toronto area 64,962 tons, Windsor area 6,079 tons, and the Northern Ontario area 5,717 tons.

Coal mines active in Nova Scotia during 1932 produced approximately 50 per cent of their possible output as against 58 per cent in the preceding year. Lack of orders was the principal cause of the curtailment in mining operations, accounting for 48.1 per cent of the output loss. It is estimated that causes other than strikes were responsible for an output loss of 4,131,661 tons. The average production per man-day in 1932 was 2.08 tons and the time lost due to strikes was 17,353 man-days, therefore the apparent loss due to this cause was 36,094 tons. From all causes, Nova Scotia coal mines suffered an estimated loss in output of 4,167,755 tons.

Nova Scotia's coal supply in 1932 was computed at 2,055,176 tons or 23.1 per cent below the previous year's total of 2,670,965 tons. The 1932 supply was obtained from the following sources: Nova Scotia mines, 95.0 per cent; Great Britain, 4.5 per cent; the United States, 0.5 per cent; and Belgium, the remainder.

The average number of wage-earners employed in the operation of the Nova Scotia mines was 12,623; these men worked 1,963,784 man-days during the year, or 155 days per man.

Table 47.—Output of Coal from Nova Scotia Mines, 1785-1932  
(Short tons)

Calendar year	Output	Value	Calendar year	Output	Value	Calendar year	Output	Value
	\$			\$				\$
1785-1806.....	2,649,416	4,139,714	1888.....	1,942,231	3,034,735	1910.....	6,431,142	12,919,705
1867.....	596,332	931,769	1889.....	1,918,827	2,998,167	1911.....	7,004,420	14,071,378
1868.....	574,106	897,041	1890.....	2,181,033	4,307,864	1912.....	7,783,888	17,374,750
1869.....	647,727	1,012,074	1891.....	2,267,919	3,543,624	1913.....	7,980,073	17,812,663
1870.....	719,211	1,123,767	1892.....	2,159,389	3,374,046	1914.....	7,370,924	16,452,955
1871.....	754,827	1,179,417	1893.....	2,444,924	3,820,194	1915.....	7,463,370	16,659,308
1872.....	1,003,806	1,568,446	1894.....	2,527,982	3,949,970	1916.....	6,912,140	18,514,662
1873.....	1,108,245	3,731,632	1895.....	2,225,145	3,476,790	1917.....	6,327,091	19,410,737
1874.....	972,954	1,520,240	1896.....	2,508,579	3,919,655	1918.....	5,818,562	21,095,470
1875.....	930,613	1,454,084	1897.....	2,493,554	3,896,179	1919.....	5,790,196	22,350,157
1876.....	837,755	1,308,991	1898.....	2,563,180	4,004,970	1920.....	6,437,156	32,314,523
1877.....	880,215	1,375,339	1899.....	3,148,822	5,022,898	1921.....	5,734,928	27,782,050
1878.....	875,994	1,368,741	1900.....	3,623,536	8,088,250	1922.....	5,569,072	24,629,921
1879.....	866,220	1,353,466	1901.....	4,158,068	6,496,982	1923.....	6,597,838	28,170,458
1880.....	1,177,669	1,840,108	1902.....	5,101,316	9,216,630	1924.....	5,557,441	22,280,554
1881.....	1,280,050	2,000,079	1903.....	5,653,338	10,005,246	1925.....	3,842,978	15,826,680
1882.....	1,524,947	2,382,730	1904.....	5,596,241	9,993,288	1926.....	6,747,477	26,845,226
1883.....	1,578,609	2,466,576	1905.....	5,646,583	10,083,184	1927.....	7,071,876	27,194,671
1884.....	1,543,829	2,412,233	1906.....	6,220,505	11,108,044	1928.....	6,743,504	27,427,556
1885.....	1,547,990	2,418,735	1907.....	6,354,133	12,764,999	1929.....	7,056,133	29,071,856
1886.....	1,698,018	2,653,152	1908.....	6,652,539	13,364,476	1930.....	6,252,552	21,528,860
1887.....	1,858,506	2,904,057	1909.....	6,652,089	11,354,643	1931.....	4,955,563	19,016,720
						1932.....	4,084,581	15,167,703
						Total.....	251,259,967	683,575,988

\* For the years 1919-1932 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 48.—Output of Coal from Nova Scotia Mines, by Months, 1928-1932

(Short tons)

Month	1928	1929	1930	1931	1932
January.....	447,538	554,968	542,253	439,485	370,652
February.....	450,318	571,564	475,975	404,036	356,344
March.....	477,465	538,652	495,508	431,382	374,597
April.....	438,999	555,078	437,584	444,559	291,970
May.....	650,711	622,643	631,517	469,827	330,403
June.....	630,636	613,431	546,960	431,892	362,572
July.....	594,032	620,712	563,177	396,284	309,143
August.....	666,767	650,708	537,856	335,857	312,153
September.....	608,501	596,730	476,172	396,510	307,992
October.....	674,725	637,695	592,851	460,782	346,537
November.....	605,448	585,496	493,157	366,504	370,715
December.....	497,404	508,458	459,542	378,435	333,503
<b>Total.....</b>	<b>6,743,581</b>	<b>7,056,133</b>	<b>6,252,552</b>	<b>4,955,563</b>	<b>4,084,581</b>

Table 49.—Output of Coal by Districts in Nova Scotia, 1928-1932

(Short tons)

District	1928	1929	1930	1931	1932
Cape Breton.....	5,070,017	5,380,652	4,594,446	3,449,472	2,831,753
Cumberland.....	730,891	795,714	802,266	694,097	634,516
Inverness.....	135,866	157,470	155,088	140,505	120,909
Pictou.....	806,730	722,297	700,752	671,489	497,403
<b>Total.....</b>	<b>6,743,581</b>	<b>7,056,133</b>	<b>6,252,552</b>	<b>4,955,563</b>	<b>4,084,581</b>

Table 50.—Output of Coal by Principal Collieries in Nova Scotia, 1930-1932  
(Average of 500 tons or more per month)

(Short tons)

Name	Address	1930	1931	1932
<b>CAPE BRETON DISTRICT—</b>				
Bras d'Or Coal Co., Ltd.....	Little Bras d'Or Bridge.....	118,011	97,932	69,547
Dominion Coal Co., Ltd.....	Sydney.....	3,852,368	2,809,039	2,271,006
Indian Cove Coal Co., Ltd.....	Sydney Mines.....	40,908	32,939	29,598
Nova Scotia Steel and Coal Co., Ltd.....	Sydney.....	567,131	494,945	441,023
North Sydney Collieries Ltd.....	North Sydney.....	10,028	11,175	18,817
Sydney Mines Coal Co.....	Sydney Mines.....		2,340	1,289
All other operators.....			1,102	373
<b>Total.....</b>		<b>4,504,446</b>	<b>3,449,472</b>	<b>2,831,753</b>
<b>CUMBERLAND DISTRICT—</b>				
Cumberland Railway and Coal Co., Ltd.....	Springhill.....	647,063	543,788	452,729
Fundy Coal Co., Ltd.....	Amherst.....	81,372	63,868	18,142
Maritime Coal, Railway & Power Co., Ltd.....	River Hebert.....	73,790	85,372	66,068
Standard Coal Co., Ltd.....	New Glasgow.....	41	1,069	12,021
Victoria Coal Co., Ltd.....				81,231
All other operators.....				4,325
<b>Total.....</b>		<b>802,266</b>	<b>694,097</b>	<b>634,516</b>
<b>INVERNESS DISTRICT—</b>				
Inverness Co-Operative Co., Ltd. (formerly				
Inverness Railway and Coal Co.).....	Inverness.....	154,147	138,860	119,974
All other operators.....		941	1,645	935
<b>Total.....</b>		<b>155,088</b>	<b>140,505</b>	<b>120,909</b>
<b>PICTOU DISTRICT—</b>				
Acadia Coal Co., Ltd.....	Stellarton.....	506,752	500,621	351,824
Greenwood Coal Co., Ltd.....	New Glasgow.....	25,808	23,961	35,776
Intercolonial Coal Co., Ltd.....	Westville.....	168,192	146,907	109,803
<b>Total.....</b>		<b>700,752</b>	<b>671,489</b>	<b>497,403</b>
<b>Total Nova Scotia.....</b>		<b>6,252,552</b>	<b>4,955,563</b>	<b>4,084,581</b>

**Table 51.—Tonnage Lost in Nova Scotia Coal Mines Showing by Districts the Relative Percentages Produced and Lost, with an Analysis of the Percentage Lost, 1931 and 1932**

District	Per cent produced	Per cent lost	Percentage lost through					Other causes
			Absenteeism	Lack of orders	Car shortage	Mine disability		
Cape Breton.....	1931 54	46	0.7	43.1	.....	.....	1.2	1.0
	1932 46	54	0.5	53.0	.....	.....	0.3	0.2
Cumberland.....	1931 68	32	2.4	23.1	0.1	.....	0.7	5.7
	1932 59	41	2.1	33.4	0.0	.....	0.6	4.9
Inverness.....	1931 79	21	.....	21.0	.....	.....	.....	.....
	1932 62	38	.....	38.0	.....	.....	.....	.....
Pictou.....	1931 76	24	2.6	21.0	.....	.....	0.2	0.2
	1932 63	37	2.0	33.6	.....	.....	1.4	.....
<b>Nova Scotia.....</b>	1931 58	42	1.1	38.3	0.1	.....	1.0	1.5
	1932 50	50	0.8	48.1	0.0	.....	0.4	0.7

**Table 52.—Disposition of Coal from Nova Scotia Mines, 1931 and 1932**

	1931		1932	
	Total		Total	
	Short tons	Value	Short tons	Value
Supplied to employees for domestic consumption.....	111,614	\$ 435,890	95,729	303,596
Coal shipped as per Table 54.....	4,459,911	17,200,848	3,619,206	13,714,852
Used under colliery boilers.....	263,736	878,084	238,123	787,789
Used by companies' railroads.....	41,161	167,773	33,391	140,403
Used in shops, etc.....	84,702	282,867	73,466	260,050
Used by harbour tugs and dredges.....	201	850	.....	.....
Put on bank.....	609,843	2,257,794	515,506	1,834,508
Put on waste heap.....	19,809	49,434	.....	.....
<b>Total disposition.....</b>	<b>5,590,977</b>	<b>21,224,106</b>	<b>4,624,855</b>	<b>17,841,398</b>
Lifted from bank.....	635,414	2,207,386	537,051	1,873,405
Lifted from waste heap.....	.....	.....	3,223	.....
<b>Total output.....</b>	<b>4,955,563</b>	<b>19,016,720</b>	<b>4,084,581</b>	<b>15,167,793</b>

**Table 53.—Tonnages Put on Bank and Lifted from Bank in Nova Scotia, 1928-1932**

(Short tons)

Month	1928		1929		1930		1931		1932	
	Put on bank	Lifted from bank								
On bank at first of year.....	199,710	.....	135,581	.....	159,897	.....	172,771	.....	151,226	.....
January.....	123,182	4,110	111,666	4,037	144,409	7,700	107,583	9,874	117,340	5,233
February.....	122,871	2,100	198,507	3,013	134,530	9,310	92,927	5,677	103,147	5,536
March.....	153,281	4,157	188,875	2,957	174,050	7,398	153,490	2,867	112,149	3,787
April.....	104,256	1,851	187,488	2,599	69,586	6,160	117,853	5,145	68,237	6,080
May.....	6,004	73,440	8,141	101,314	11,538	50,985	695	71,757	3,701	94,912
June.....	1,886	89,469	10,616	173,870	13,639	103,083	2,313	94,082	5,400	56,250
July.....	4,978	114,502	10,188	158,076	8,474	75,642	7,794	116,586	13,715	83,897
August.....	1,887	121,402	4,424	109,467	4,361	137,599	3,090	109,267	3,614	77,703
September.....	3,407	126,895	10,737	122,699	4,901	120,022	7,961	83,982	3,725	90,958
October.....	8,846	106,256	9,435	120,688	5,088	101,525	7,111	88,785	4,088	78,446
November.....	4,147	15,942	19,849	18,996	5,016	44,082	4,399	41,001	9,375	23,136
December.....	65,029	3,779	95,100	12,994	109,650	8,856	104,627	6,391	71,015	10,213
<b>Total.....</b>	<b>599,774</b>	<b>663,903</b>	<b>855,026</b>	<b>830,710</b>	<b>685,212</b>	<b>672,368</b>	<b>699,843</b>	<b>635,414</b>	<b>515,506</b>	<b>537,051</b>

**Table 54.—Shipments of Coal from Nova Scotia Mines by Grades and by Destinations, 1931 and 1932**

(Short tons)

Destination	1931				1932			
	Run-of-mine	Screened	Slack	Total	Run-of-mine	Screened	Slack	Total
Coal supplied for bunkers.....	106,590	2,663	504	109,757	112,438	5,031	343	117,812
Coal supplied to railroads.....	382,075	372,945	25,088	780,105	270,715	229,307	32,063	532,085
Nova Scotia by land.....	226,419	360,045	389,602	976,066	119,600	282,600	248,245	650,145
Nova Scotia by sea.....	15,218	84,444	51,922	151,544	12,817	74,000	50,786	137,603
New Brunswick.....	95,698	102,977	210,168	400,833	82,148	91,967	193,613	367,724
Newfoundland.....	1,889	106,700	.....	108,589	2,889	107,071	1,220	111,180
Prince Edward Island.....	3,339	69,859	3,285	76,453	6,222	57,578	4,323	68,123
Quebec.....	67,460	805,025	873,600	1,746,055	68,582	735,377	782,416	1,586,375
Ontario.....	39	1,988	52	52	2,410	.....	195	2,005
United States.....	.....	39,945	41,972	.....	.....	827	43,041	43,968
Other Countries.....	.....	372	.....	372	899	483	.....	1,382
Total.....	958,727	1,907,018	1,591,166	4,459,911	678,720	1,584,241	1,356,215	3,619,206

**Table 55.—Exports of Canadian Coal through Nova Scotia Ports, 1928-1932**

(Short tons)

Port	1928	1929	1930	1931	1932
Halifax.....	96	160	1	50	.....
Liverpool.....	.....	.....	9	.....	.....
Lunenburg.....	.....	5	.....	.....	.....
North Sydney.....	101,026	122,435	104,473	73,644	67,898
Pictou.....	2,452	2,122	4,188	.....	.....
Sydney.....	240,805	226,454	241,483	78,218	50,130
Total.....	344,379	351,176	350,154	151,912	108,028

**Table 56.—Imports into Nova Scotia of Anthracite and Bituminous Coal by Ports of Entry, 1931 and 1932**

(Short tons)

Port	Source	1931					1932				
		Anthracite			Bitum- inous, all grades	Total coal	Anthracite			Bitum- inous, all grades	Total coal
		Grate, egg, stove, nut and pea	Buck- wheat, rice, and barley	Total			Grate, egg, stove, nut and pea	Screen- ings or dust	N.O.P.		
Amherst.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Annapolis.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Antigonish.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arichat.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baddeck.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Barrington Passage.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bridgewater.....	U.S.	1,247	1,247	1,247	.....	.....	.....	.....	.....	.....	.....
Canse.....	U.S.	.....	.....	.....	665	.....	.....	665	.....	665	.....
Digby.....	G.B.	193	193	193	202	.....	.....	202	.....	202	.....
Glace Bay.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Halifax.....	U.S.	3,437	95	3,532	5,685	9,217	2,040	.....	2,040	1	2,041
	G.B.	32,003	32,003	38,352	70,355	36,155	.....	36,155	36,681	72,836	.....
	Belgium.....	.....	.....	.....	650	.....	650	.....	650	.....	650
French E. I.....	U.S.	4,592	4,592	4,592	4,592	4,592	.....	.....	.....	.....	.....
Kentville.....	G.B.	.....	.....	.....	.....	.....	.....	.....	.....	11,422	11,422
Liverpool.....	U.S.	887	887	887	1,134	.....	.....	1,134	.....	1,134	.....
	G.B.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lunenburg.....	U.S.	1,464	1,464	1,464	1,464	2,252	.....	2,252	.....	2,252	.....
	G.B.	1,395	1,395	1,395	1,395	1,692	.....	1,692	.....	1,692	.....
Middleton.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Glasgow.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Sydney.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parrsboro'.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pictou.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Port Hawkesbury.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Port Hood.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shelburne.....	G.B.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Truro.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Weymouth.....	U.S.	448	448	448	448	.....	.....	.....	.....	.....	.....
Windsor.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yarmouth.....	U.S.	7,533	7,533	7,533	7,533	3,884	.....	3,884	58	3,932	.....
	G.B.	1,446	1,446	1,446	1,446	5,447	.....	5,447	1,171	6,618	.....
Total.....	U.S.	15,209	95	15,304	5,685	20,989	10,177	.....	10,177	59	10,236
	G.B.	31,844	34,844	38,332	73,196	43,294	.....	43,294	49,274	92,568	.....
	Belgium.....	.....	.....	.....	650	.....	650	.....	650	650	.....
	French E.I.	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592	4,592
Grand Total.....		54,645	95	54,740	44,037	98,777	54,121	.....	54,121	49,333	103,454

Table 57.—Summary Statistics for 1932—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in Nova Scotia by Months and by Kinds

(Short tons)

Month	Canadian coal				Imported from U.S.A.	Imported from Great Britain	Imported from Belgium	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported				
January—								
Anthracite.....					1,034	6,985		8,019
Bituminous.....	370,652		55,259	14,989				300,404
Total.....	370,652		55,259	14,989	1,034	6,985		308,423
February—								
Anthracite.....					1	2,107	650	2,758
Bituminous.....	356,344		58,563	2,386		2,722		298,118
Total.....	356,344		58,563	2,385	1	4,829	650	300,876
March—								
Anthracite.....						5,237		309,963
Bituminous.....	374,597		64,668	5,203		5,237		309,963
Total.....	374,597		64,668	5,203		5,237		309,963
April—								
Anthracite.....						2,138		2,138
Bituminous.....	291,970		112,515	1,543		3,008		180,920
Total.....	291,970		112,515	1,543		5,146		183,058
May—								
Anthracite.....					1,363	2,796		4,159
Bituminous.....	339,403		267,377	6,133		6,573		72,406
Total.....	339,403		267,377	6,133	1,363	9,369		76,625
June—								
Anthracite.....					2,005	5,078		7,083
Bituminous.....	362,572		277,019	5,232		2,439		82,760
Total.....	362,572		277,019	5,232	2,005	7,517		89,843
July—								
Anthracite.....					665	2,234		2,899
Bituminous.....	309,143		226,284	18,844		3,076		67,091
Total.....	309,143		226,284	18,844	665	5,310		69,990
August—								
Anthracite.....					3,425	6,789		10,214
Bituminous.....	312,153		245,605	10,200	58	5,874		62,280
Total.....	312,153		245,605	10,200	3,483	12,663		72,494
September—								
Anthracite.....					1,240	4,845		6,085
Bituminous.....	307,992		237,472	7,331		4,711		67,900
Total.....	307,992		237,472	7,331	1,240	9,556		73,985
October—								
Anthracite.....					444	2,651		3,095
Bituminous.....	346,537		234,716	2,338		3,897		113,380
Total.....	346,537		234,716	2,338	444	6,548		116,475
November—								
Anthracite.....						2,006		2,006
Bituminous.....	379,715		192,043	16,710	1	7,468		178,431
Total.....	379,715		192,043	16,710	1	9,474		180,437
December—								
Anthracite.....						5,665		5,665
Bituminous.....	333,503		53,310	17,120		4,269		267,342
Total.....	333,503		53,310	17,120		9,934		273,007
Total—								
Anthracite.....	4,084,581		2,024,831	108,028	10,177	43,294	650	54,121
Bituminous.....					59	49,274		2,001,055
Total.....	4,084,581		2,024,831	108,028	10,236	92,568	650	2,055,176

Table 58.—Employees, Salaries and Wages in the Coal Mines of Nova Scotia by Districts, 1931 and 1932

District	Average number of employees					Salaries and wages		
	Salaried employees		Wage-earners		Total	Salaries		Wages
	Male	Female	Surface	Under-ground		\$	\$	
<b>1931</b>								
Cape Breton.....	321	45	1,328	7,707	<b>9,491</b>	712,356	9,141,045	<b>9,553,401</b>
Cumberland.....	51	7	376	1,382	<b>1,816</b>	115,164	1,714,017	<b>1,829,181</b>
Inverness.....	11	3	133	408	<b>555</b>	25,023	525,826	<b>550,849</b>
Pictou.....	64	6	441	1,523	<b>2,634</b>	151,998	2,033,654	<b>2,185,652</b>
<b>Nova Scotia.....</b>	<b>447</b>	<b>61</b>	<b>2,278</b>	<b>11,110</b>	<b>13,896</b>	<b>1,004,541</b>	<b>13,414,542</b>	<b>14,419,083</b>
<b>1932</b>								
Cape Breton.....	282	30	1,144	7,288	<b>8,744</b>	538,681	6,686,723	<b>7,225,404</b>
Cumberland.....	53	7	380	1,410	<b>1,850</b>	114,183	1,404,956	<b>1,519,139</b>
Inverness.....	11	3	135	404	<b>553</b>	21,000	401,000	<b>422,000</b>
Pictou.....	59	5	420	1,442	<b>1,926</b>	123,300	1,485,528	<b>1,608,828</b>
<b>Nova Scotia.....</b>	<b>405</b>	<b>45</b>	<b>2,079</b>	<b>10,544</b>	<b>13,073</b>	<b>797,164</b>	<b>9,378,207</b>	<b>10,775,371</b>

Table 59.—Employment and Earnings in the Coal Mines of Nova Scotia, 1928-1932

—	1928	1929	1930	1931	1932
<b>Average number of wage-earners—</b>					
Surface.....	2,340	2,235	2,291	2,278	2,079
Underground.....	10,993	10,525	11,085	11,110	10,544
<b>Total.....</b>	<b>13,333</b>	<b>12,760</b>	<b>13,376</b>	<b>13,388</b>	<b>12,623</b>
<b>Days' work done—</b>					
Surface.....	625,764	642,106	596,242	508,098	403,569
Underground.....	2,611,523	2,760,856	2,452,050	1,935,083	1,560,215
<b>Total.....</b>	<b>3,237,287</b>	<b>3,402,962</b>	<b>3,048,292</b>	<b>2,443,181</b>	<b>1,963,784</b>
<b>Average number of days worked per man per year—</b>					
Surface.....	267	287	260	223	194
Underground.....	238	262	221	174	148
<b>By all wage-earners.....</b>	<b>243</b>	<b>266</b>	<b>227</b>	<b>182</b>	<b>155</b>
<b>Total wages paid.....</b>	<b>\$ 18,885,377</b>	<b>\$ 18,785,513</b>	<b>\$ 17,126,422</b>	<b>\$ 13,414,542</b>	<b>\$ 9,378,207</b>

Table 60.—Wage-Earners and Work Done by Months in the Nova Scotia Coal Mines in 1932

Month	Number of wage-earners			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	2,233	11,115	<b>13,348</b>	39,776	145,088	<b>184,864</b>
February.....	2,242	11,073	<b>13,315</b>	39,796	143,740	<b>183,536</b>
March.....	2,193	11,015	<b>13,208</b>	40,715	151,126	<b>191,841</b>
April.....	2,194	10,950	<b>13,144</b>	32,570	114,493	<b>147,063</b>
May.....	2,160	10,843	<b>13,003</b>	32,450	127,786	<b>160,236</b>
June.....	2,024	10,436	<b>12,460</b>	31,577	131,158	<b>162,735</b>
July.....	1,974	10,267	<b>12,241</b>	29,238	117,631	<b>146,869</b>
August.....	1,977	10,165	<b>12,142</b>	29,770	119,076	<b>148,816</b>
September.....	2,018	10,277	<b>12,295</b>	30,653	116,033	<b>146,686</b>
October.....	1,889	9,831	<b>11,720</b>	31,177	127,111	<b>158,288</b>
November.....	2,027	10,230	<b>12,263</b>	34,090	140,903	<b>175,053</b>
December.....	2,012	10,326	<b>12,338</b>	31,787	125,980	<b>157,767</b>
<b>Total.....</b>				<b>463,569</b>	<b>1,560,215</b>	<b>1,963,784</b>

Table 61.—Number of Man-Days Worked, by Districts, in Nova Scotia, 1931 and 1932

District	1931			1932		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Cape Breton.....	270,115	1,225,458	1,495,573	205,643	981,740	1,187,383
Cumberland.....	87,510	282,031	369,541	76,060	247,872	323,932
Inverness.....	35,971	93,853	129,824	31,713	71,865	103,578
Pictou.....	114,502	333,741	448,243	90,153	258,738	348,891
<b>Total.....</b>	<b>568,098</b>	<b>1,935,083</b>	<b>2,443,181</b>	<b>483,569</b>	<b>1,560,215</b>	<b>1,963,784</b>

Table 62.—Wage-Earners Employed in Nova Scotia Coal Mines, by Classes, 1931 and 1932

Classification	1931			1932		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	60	15	75	59	6	65
Foremen and clerks.....	144		144	155	546	701
Officials.....		550	550			
Screenmen and loaders.....	709		709	686		686
Handcutters and helpers.....		1,156	1,156		1,024	1,924
Machine cutters and helpers.....		1,317	1,317		1,158	1,158
Machine loaders and helpers.....		1,998	1,998		2,062	2,862
"Chute loaders.....					41	41
Horse haulage employees.....	2	630	632	5	494	499
Mechanical haulage employees.....	19	1,667	1,686	18	1,544	1,562
Ventilation employees.....		268	268		257	257
Roadmakers.....		290	290		292	292
Timbermen.....		1,074	1,074		1,040	1,040
Pumpmen.....	1	113	114	3	109	112
Enginemen.....	177	12	189	168	70	238
Firemen.....	137		137	134		134
Machinists.....	204	1	205	193		193
Carpenters and masons.....	119		119	113		113
Other mechanics.....	94	219	313	86	204	290
All other employees.....	612	1,800	2,412	459	1,697	2,156
<b>Total.....</b>	<b>2,278</b>	<b>11,118</b>	<b>13,396</b>	<b>2,079</b>	<b>10,544</b>	<b>13,223</b>

\*Not reported in 1931.

Table 63.—Capital Employed in the Coal Mines of Nova Scotia, 1931 and 1932

	1931	1932
	\$	\$
Capital employed as represented by—		
Cost of lands, buildings, machinery and tools.....	47,499,461	49,245,089
Cost of supplies and stock on hand.....	2,495,702	1,944,931
Cash, trading and operating accounts and bills receivable.....	5,772,916	5,604,082
<b>Total.....</b>	<b>55,765,079</b>	<b>56,794,102</b>

## CHAPTER FOUR

## NEW BRUNSWICK

Coal mines in New Brunswick produced 212,695 tons during 1932 as compared with 182,181 tons in the preceding year and 209,349 tons in 1930. According to the annual report of the New Brunswick Inspector of Mines this increase in production was due to the following reasons: better demand by the railways; consumption in the New Brunswick power plant; satisfactory use in commercial plants and a fair demand for domestic purposes. Grain shipments through the province with increased car mileages and power needs have increased the purchases of New Brunswick coal by railroads. The New Brunswick power plant uses slack or screenings and absorbs about ten per cent of the total mine output, therefore, there is a larger percentage of screened coal available for railway, commercial and domestic demand. Commercial plants find it advantageous to use local coal, and the demand for domestic purposes seems to be increasing. Two factors are responsible for this, namely, the attractive price of the local product and the increasing care used by all the larger operators to produce higher grade coal through screening and the elimination of waste by picking tables.

Mines in operation during the year produced 71 per cent of their possible output; in 1931 the active mines were operated at 63 per cent of their capacity. Lack of orders accounted for an output loss of 25.5 per cent in 1932.

Approximately 65.1 per cent of the total mine shipments in 1932 were for railroad use as against 66.6 per cent in the preceding year. Sales to industrial users amounted to 41,000 tons or 19.9 per cent of the mine shipments. Retail coal dealers purchased 6,223 tons of run of mine coal, 7,733 tons of lump, 1,419 tons of nut and 2,886 tons of slack. Sales direct to domestic consumers totalled 13,099 tons. Minor tonnages were shipped to Quebec, Prince Edward Island and the United States.

Employment was furnished to 709 wage-earners who received \$507,664. These employees obtained 155,131 man-days work during the year as compared with 119,380 man-days work in 1931.

Table 64.—Output of Coal from New Brunswick Mines, 1887-1932

(Short tons)

Calendar year	Output	Value	Calendar year	Output	Value	Calendar year	Output	Value
	\$				\$			\$
1887.....	10,040	23,607	1903.....	16,000	40,000	*1910.....	106,377	735,386
1888.....	5,730	11,050	1904.....	9,112	18,224	*1920.....	171,610	1,091,440
1889.....	5,673	11,733	1905.....	29,400	58,800	*1921.....	187,192	920,666
1890.....	7,110	13,850	1906.....	34,076	68,152	*1922.....	287,513	1,107,643
1891.....	5,422	11,030	1907.....	34,584	77,814	*1923.....	276,617	1,196,772
1892.....	6,768	9,375	1908.....	60,000	135,000	*1924.....	217,121	932,185
1893.....	6,200	9,837	1909.....	49,029	98,496	*1925.....	208,012	815,367
1894.....	6,469	10,264	1910.....	55,455	110,910	*1926.....	173,111	710,245
1895.....	9,500	14,250	1911.....	55,781	111,562	*1927.....	203,950	885,038
1896.....	7,500	11,250	1912.....	44,780	89,560	*1928.....	207,738	869,104
1897.....	6,000	9,000	1913.....	70,311	166,637	*1929.....	218,706	909,169
1898.....	6,160	9,240	1914.....	98,049	241,075	*1930.....	*209,349	864,118
1899.....	10,528	15,792	1915.....	127,391	308,612	*1931.....	182,181	743,196
1900.....	10,000	15,000	1916.....	143,540	386,016	*1932.....	212,686	794,168
1901.....	17,630	51,857	1917.....	189,095	708,010	Total.....		
1902.....	18,795	39,080	1918.....	268,212	1,331,710	Total.....	4,346,512	16,792,890

\* For the years 1919-1932 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 65.—Output of Coal from New Brunswick Mines by Months, 1928-1932  
(Short tons)

Month	1928	1929	1930	1931	1932
January.....	18,940	22,139	24,964	21,122	20,281
February.....	18,949	23,096	20,083	21,223	19,520
March.....	20,798	20,891	18,625	16,030	20,379
April.....	13,620	19,682	18,254	14,177	10,015
May.....	14,591	16,606	13,935	11,643	16,863
June.....	17,157	14,327	15,470	10,920	14,770
July.....	14,962	14,717	14,923	13,426	14,720
August.....	15,972	16,979	15,747	12,245	15,395
September.....	15,531	16,815	14,265	12,399	17,392
October.....	19,499	16,883	17,152	14,629	13,856
November.....	19,314	17,417	15,921	14,339	22,018
December.....	18,405	19,154	20,010	20,028	27,486
Total.....	207,738	218,706	209,349	182,181	212,695

Table 66.—Tonnage Lost in New Brunswick Coal Mines, Showing the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1931 and 1932

Year	Per cent produced	Per cent lost	Percentage lost through				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
1931.....	63	37	1.5	34.6	0.0	0.3	0.6
1932.....	71	29	2.5	25.5	0.0	0.4	0.6

Table 67.—Disposition of Coal from New Brunswick Mines by Grades, 1931 and 1932

(Short tons)

—	1931					1932				
	Run-of-mine	Screened	Slack	Total		Run-of-mine	Screened	Slack	Total	
				Quantity	Value				Quantity	Value
Supplied to employees for domestic consumption.....	2,551	19	16	2,589	10,107	2,482	33	16	2,531	9,810
Shipped as per Table 68.....	73,238	79,665	20,191	173,091	706,677	69,157	104,274	32,422	205,853	770,887
Used under colliery boilers, etc.....	4,767	—	521	5,228	20,947	1,403	—	834	2,294	8,011
Used by companies' railroads.....	900	—	—	900	1,056	—	—	—	—	3,464
Put on bank.....	3,083	958	4,608	8,649	32,174	3,577	1,392	6,254	11,223	36,182
Put on waste heap.....	—	—	—	56	—	—	—	—	71	—
<b>Total disposition.....</b>	<b>84,882</b>	<b>80,642</b>	<b>25,336</b>	<b>190,516</b>	<b>723,961</b>	<b>77,501</b>	<b>105,700</b>	<b>39,536</b>	<b>222,801</b>	<b>828,384</b>
Lifted from bank.....	2,538	1,230	4,567	8,335	30,765	3,760	1,707	4,639	10,166	34,216
<b>Total output.....</b>	<b>81,944</b>	<b>79,412</b>	<b>29,769</b>	<b>182,181</b>	<b>743,196</b>	<b>73,741</b>	<b>103,993</b>	<b>34,887</b>	<b>212,695</b>	<b>791,168</b>

Table 68.—Shipments of Coal from New Brunswick Mines by Grades and Destination 1931 and 1932

(Short tons)

Destination	1931				1932			
	Run-of-mine	Screened	Slack	Total	Run-of-mine	Screened	Slack	Total
New Brunswick.....	32,161	11,679	13,778	57,618	29,872	12,218	27,113	69,203
Prince Edward Island.....	—	—	—	—	—	1,019	—	1,019
Quebec.....	98	—	—	98	234	814	—	1,048
United States.....	33	—	—	33	439	50	49	538
Railroads.....	40,9,6	67,980	6,413	115,345	38,612	90,173	5,260	131,045
<b>Total.....</b>	<b>73,238</b>	<b>79,665</b>	<b>29,191</b>	<b>173,091</b>	<b>69,157</b>	<b>104,274</b>	<b>32,422</b>	<b>205,853</b>

Table 69.—Output of Coal by Principal Collieries in New Brunswick 1930-1932.  
(Average output of 500 tons or more per month)

(Short tons)

Name	Address	1930	1931	1932
Avon Coal Co., Ltd.	St. John.....	40,544	27,443	35,167
Evans, W. B.....	Minto.....	19,232	18,427	21,753
Minto Coal Co., Ltd.....	Minto.....	75,359	62,315	70,511
Miramichi Lumber Co., Ltd.....	Minto.....	27,847	24,268	31,809
Welton, Harvey.....	Minto.....	16,802	14,254	12,956
Welton & Henderson Ltd.....	Minto.....	22,925	27,315	26,128
All other operators.....		6,810	8,134	11,365
<b>Total.....</b>		<b>299,319</b>	<b>182,181</b>	<b>212,697</b>

Table 70.—Exports of Canadian Coal through New Brunswick Ports, 1928-1932

(Short tons)

Port	1928	1929	1930	1931	1932
McAdam Junction	1				
St. Andrews					
St. John	21,196	14,789	5,149	4,705	1,061
St. Stephen					
Woodstock	4,543	5,820	19,575	50,281	50,254
<b>Total</b>	<b>25,740</b>	<b>20,609</b>	<b>24,724</b>	<b>51,986</b>	<b>51,315</b>

**Table 71.—Imports into New Brunswick of Anthracite and Bituminous Coal, by Sources and by Ports of Entry, 1931 and 1932**

Port	Source	1931					1932					
		Anthracite				Anthracite						
		Grate, egg, stove, nut, and pea	Buck- wheat, rice, and barley	Total	Bitum- inous, all grades	Total	Grate, egg, stove, nut, and pea	Screen- ing or dust	N.O.P.	Total	Bitum- inous, all grades	Total
Bathurst.....	U.S.....				64	64					33	33
Campbellton.....	U.S.....				34	34	42			42	34	76
G.B.....	933			933		933	555			555	981	1,536
Chatham.....	U.S.....				24	24						
Fredericton.....	U.S.....	159		159	41	200					35	35
McAdam Junct.....	U.S.....	119		119		119					12	12
Sackville.....	U.S.....						54			54		54
G.B.....							92			92		92
St. Andrews.....	U.S.....	213		213	8	221	85			85		85
St. John.....	U.S.....	36,420	772	37,192	25,676	62,868	28,989		252	29,241	10,809	40,650
G.B.....	44,397			44,397	6,162	50,553	72,660			72,660	10,555	83,215
St. Stephen.....	U.S.....	1,733	4	1,737	5,079	6,816	138		105	243	227	470
G.B.....	268			268		26*	4,980	60	286	5,320	1,787	7,113
Woodstock.....	U.S.....				142	142	1			1	199	200
G.B.....											2,460	2,460
<b>Total.....</b>	<b>U.S.....</b>	<b>38,611</b>	<b>770</b>	<b>39,420</b>	<b>31,965</b>	<b>70,488</b>	<b>29,369</b>		<b>357</b>	<b>29,668</b>	<b>11,319</b>	<b>41,015</b>
	<b>G.B.....</b>	<b>45,598</b>		<b>45,598</b>	<b>6,162</b>	<b>51,760</b>	<b>78,287</b>	<b>60</b>	<b>286</b>	<b>78,633</b>	<b>15,792</b>	<b>91,425</b>
<b>Grand total.....</b>		<b>84,212</b>	<b>770</b>	<b>85,018</b>	<b>37,230</b>	<b>122,218</b>	<b>107,556</b>	<b>60</b>	<b>643</b>	<b>106,299</b>	<b>27,111</b>	<b>135,440</b>

Table 72.—Summary Statistics for 1932—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in New Brunswick 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—							
Anthracite.....							
Bituminous.....	20,281	36,574	67	5,726	2,851 773	8,918	11,889 51,835
Total.....	20,281	36,574	67	5,726	3,724	8,918	63,704
February—							
Anthracite.....							
Bituminous.....	19,520	43,010		5,154	512 1,755	6,809	7,321 59,131
Total.....	19,520	43,010		5,154	2,267	6,809	66,452
March—							
Anthracite.....							
Bituminous.....	20,379	42,456	207	6,586	1,722 1,535	8,099	9,821 57,577
Total.....	20,379	42,456	207	6,586	3,257	8,099	67,398
April—							
Anthracite.....							
Bituminous.....	10,015	24,977		3,976	1,507 439	10,894 2,522	12,401 33,977
Total.....	10,015	24,977		3,976	1,946	13,416	46,378
May—							
Anthracite.....							
Bituminous.....	16,863	28,697	31	4,494	4,231 1,250	346	4,577 42,285
Total.....	16,863	28,697	31	4,494	5,481	346	46,862
June—							
Anthracite.....							
Bituminous.....	14,770	20,012	344	3,722	4,815 1,726	4,166 1,528	8,981 33,970
Total.....	14,770	20,012	344	3,722	6,541	5,694	42,951
July—							
Anthracite.....							
Bituminous.....	14,720	24,031	47	3,130	1,603	2,232	3,835 35,574
Total.....	14,720	24,031	47	3,130	1,603	2,232	39,409
August—							
Anthracite.....							
Bituminous.....	15,395	22,028	220	3,298	3,137 47	3,756 1,787	6,883 35,739
Total.....	15,395	22,028	220	3,298	3,184	5,543	42,632
September—							
Anthracite.....							
Bituminous.....	17,392	22,844		3,808	116 34	4,256 1,787	4,372 38,189
Total.....	17,392	22,844		3,808	150	6,043	42,561
October—							
Anthracite.....							
Bituminous.....	13,856	35,711	191	3,719	6,047 141	1,972 1,985	8,019 47,783
Total.....	13,856	35,711	191	3,719	6,188	3,957	55,802
November—							
Anthracite.....							
Bituminous.....	22,018	30,564	543	3,300	432 3,613	4,707 5,202	5,138 57,554
Total.....	22,018	30,564	543	3,300	4,045	9,909	62,693
December—							
Anthracite.....							
Bituminous.....	27,486	36,824	417	4,342	2,593 36	22,478 981	25,071 60,568
Total.....	27,486	36,824	417	4,342	2,629	23,459	85,639
Total—							
Anthracite.....							
Bituminous.....	212,695	367,728	2,067	51,315	29,666 11,349	28,633 15,792	168,299 554,182
Total.....	212,695	367,728	2,067	51,315	41,615	34,425	662,481

Table 73.—Employees, Salaries and Wages in the Coal Mines of New Brunswick, 1931 and 1932

	1931	1932
Number of salaried employees—		
Male.....	20	20
Female.....	4	7
Number of wage-earners—		
Surface.....	148	140
Underground.....	460	569
Total.....	608	709
Salaries and wages—		
Salaries.....	\$ 52,890	\$ 53,094
Wages.....	\$ 451,686	\$ 507,664
Total.....	\$ 504,576	\$ 560,758

Table 74.—Employment and Earnings in the Coal Mines of New Brunswick, 1928-1932

	1928	1929	1930	1931	1932
Average number of employees—					
Surface.....	126	126	125	148	140
Underground.....	459	452	459	460	569
Total.....	585	578	584	608	709
Days' work done—					
Surface.....	35,303	31,359	29,735	28,996	30,049
Underground.....	120,438	110,252	104,985	90,384	125,082
Total.....	155,801	141,611	134,720	119,380	155,131
Average number of days worked per man per year—					
Surface.....	281	248	238	196	215
Underground.....	262	243	229	196	220
By all wage-earners.....	266	245	230	196	219
Total wages paid.....	\$ 553,447	\$ 542,469	\$ 514,119	\$ 451,686	\$ 507,664

Table 75.—Wage-Earners and Work Done by Months in the Coal Mines of New Brunswick, 1932

Month	Number of wage-earners			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	140	540	680	3,073	12,011	15,084
February.....	135	588	721	2,521	11,185	13,706
March.....	134	520	654	2,318	11,227	14,045
April.....	119	463	582	1,699	6,548	8,247
May.....	136	553	689	2,617	11,186	13,863
June.....	135	559	694	2,475	9,535	12,010
July.....	129	550	688	2,001	8,458	10,459
August.....	133	545	678	2,468	9,287	11,755
September.....	134	585	719	2,189	9,470	11,639
October.....	131	556	687	1,835	7,462	9,297
November.....	173	642	815	2,736	12,440	15,176
December.....	179	718	893	3,617	16,273	19,890
Total.....				30,049	125,082	155,131

Table 76.—Wage-Earners Employed in the Coal Mines of New Brunswick by Classes, 1931 and 1932

Classification	1931			1932		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	15		15	14	12	14
Foremen and clerks.....	10	6	16	11		23
Officials.....	1	4	5			
Screeners and loaders.....	37		37	34		34
Hand cutters and helpers.....		386	386		437	437
Machine cutters and helpers.....		4	4		36	36
Machine loaders and helpers.....		13	13		15	15
Horse haulage employees.....	2		2	1	1	2
Mechanical haulage employees.....		9	9		5	5
Ventilation employees.....					2	2
Roadmakers.....	1	6	7		10	10
Timbermen.....	8	11	19	4	19	23
Pumpmen.....	3		3	2	2	4
Engineers.....	13		13	12	3	15
Firemen.....	3		3			
Machinists.....	2		2	1		1
Carpenters and masons.....	1		1	4		4
Other mechanics.....	1		1	4		4
All other employees.....	51	21	72	53	27	80
<b>Total.....</b>	<b>148</b>	<b>469</b>	<b>608</b>	<b>140</b>	<b>569</b>	<b>709</b>

Table 77.—Capital Employed in the Coal Mines of New Brunswick, 1931 and 1932

	1931	1932
	\$	\$
Capital employed as represented by—		
Cost of lands, buildings, machinery and tools.....	1,635,844	1,449,380
Cost of supplies and stock on hand.....	19,934	18,885
Cash, trading and operating accounts and bills receivable.....	246,197	178,190
<b>Total.....</b>	<b>1,901,975</b>	<b>1,646,455</b>

## CHAPTER FIVE

## QUEBEC

Quebec is dependent upon outside sources for its coal supply. During 1932, Nova Scotia, Great Britain and the United States were the principal sources of supply although considerable tonnages were obtained from New Brunswick mines and from Germany. Coal made available for consumption during the year amounted to 4,050,953 tons, made up of 39·16 per cent from Nova Scotia, 37·83 per cent from Great Britain, 21·69 per cent from the United States, 1·29 per cent from Germany, and 0·03 per cent from New Brunswick.

The change in the source of supply of imported fuel was an interesting feature of the year. Imports from Great Britain in 1932 increased 77·8 per cent while receipts from the United States declined 37·4 per cent. Importations from Great Britain totalled 1,532,484 tons, consisting of 1,241,704 tons of anthracite coal and 290,780 tons of bituminous coal. Receipts from the United States included 408,005 tons of anthracite coal and 470,781 tons of bituminous coal. Imports of anthracite coal from Germany amounted to 52,189 tons. Transportation records show that 417,416 tons of the Great Britain anthracite imported into Quebec were trans-shipped to Ontario points.

The government policy of assisting the movement of coal from the Maritime Provinces into Quebec and Ontario was continued in 1932 with the passing of the Order in Council P.C. 1048 on May 9, 1932. Movements of coal from the Maritimes under previous Orders in Council have demonstrated that with limited assistance it is possible to secure considerable markets for these coals at points in Quebec and Ontario where under existing conditions they are at a disadvantage in competing with imported coals.

Table 78.—Exports of Canadian Coal through Quebec Ports, 1928-1932

(Short tons)

Port	1928	1929	1930	1931	1932
Athelstan.....				47	.....
Coaticook.....	250	.....	.....	.....	4
Lake Megantic.....					
Montreal.....	30	30	.....	.....	.....
Rock Island.....				10	12
St. John's.....	155	100	200	.....	50
Sutton.....					.....
Three Rivers.....	5	.....	.....	.....	.....
<b>Total.....</b>	<b>440</b>	<b>130</b>	<b>200</b>	<b>57</b>	<b>66</b>

Table 79.—Imports into Quebec of Anthracite and Bituminous Coal by Ports of Entry, 1931 and 1932

(Short tons)

Port	From	1931					1932					Total	
		Anthracite			Bitum- inous, all grades	Total	Anthracite			Bitum- inous, all grades	Total		
		Grate, egg, stove, nut and pea	Buck- wheat, rice, and barley	Total			Grate, egg, stove, nut and pea	Screen- ings or dust	N.O.P.				
Athelstan	U.S.	89,951	3,024	92,975	49,863	142,838	83,319	.....	6,327	89,646	23,381	113,027	
Chicoutimi	U.S.	278	.....	278	10,880	11,158	.....	.....	.....	.....	6,500	6,500	
	G.B.	8,383	.....	8,383	97	8,480	7,751	.....	.....	7,751	.....	7,751	
Coaticook	U.S.	.....	1,539	1,539	48	1,587	51	.....	51	51	71	122	
	G.B.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Drummond- ville	U.S.	39	82	121	234	355	170	.....	85	255	358	613	
Gaspe	U.S.	296	.....	296	420	716	.....	.....	.....	.....	.....	.....	
Granby	U.S.	38	.....	38	324	362	106	.....	258	364	75	433	
Hull	U.S.	5,614	376	5,990	11,829	17,819	3,729	.....	443	4,172	4,160	8,332	
Lake Meg- antic	U.S.	.....	.....	.....	.....	95	.....	.....	.....	95	.....	95	
Montreal	U.S.	14,255	933	15,190	504,179	619,369	5,068	.....	270	5,338	351,403	356,741	
	G.B.	685,390	3,124	688,514	34,772	723,286	1,046,927	.....	58,335	1,105,262	214,633	1,319,895	
Paspébiac	U.S.	54,643	.....	54,643	.....	54,643	52,189	.....	.....	52,189	.....	52,189	
Quebec	U.S.	50	.....	50	.....	50	701	.....	.....	701	.....	701	
	G.B.	32,350	765	33,115	66,868	99,983	34,134	.....	.....	34,134	13,732	47,866	
	Germany	78,001	.....	78,001	29,081	107,082	108,087	5,041	.....	113,128	24,105	137,233	
Rimouski	U.S.	6,119	.....	6,119	.....	6,119	.....	.....	.....	.....	2	2	
	Nfld.	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	
Rock Isl.	U.S.	2,174	235	2,409	1,318	3,727	1,804	.....	314	2,118	553	2,671	
St. Armand	U.S.	917	688	1,605	765	2,370	384	.....	541	925	602	1,527	
St. Hyacinthe	U.S.	235	121	356	768	1,124	.....	.....	134	134	469	603	
St. John's	U.S.	273,747	76,234	349,981	109,804	459,785	205,622	6,711	31,644	243,877	60,837	384,714	
Shawinigan	U.S.	139	61	200	1,167	1,367	.....	.....	.....	.....	207	207	
Falls	U.S.	4,500	24,143	28,643	7,455	36,098	4,059	.....	12,572	16,631	3,278	19,910	
Sherbrooke	U.S.	.....	.....	.....	23,975	23,975	1,846	.....	142	1,988	3,504	3,492	
	G.B.	.....	.....	.....	.....	.....	.....	.....	.....	.....	26,375	26,375	
Sorel	U.S.	.....	.....	.....	1,805	1,805	105	1,910	2	.....	2	88	
	G.B.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88	
Sutton	U.S.	1,805	.....	1,805	105	1,910	2	.....	.....	.....	2	88	
	G.B.	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	88	
Three Rivers	U.S.	5,237	.....	5,237	63,953	69,190	4,811	.....	.....	4,811	357	5,168	
	G.B.	9,831	1,572	11,403	11,303	22,706	14,563	.....	1,000	15,503	25,667	41,230	
Valleyfield	U.S.	5,043	92	5,135	4,060	9,195	2,753	.....	10	2,763	1,205	3,968	
Total	U.S.	434,863	110,100	544,263	858,015	1,402,978	318,654	6,711	52,640	408,005	470,781	878,798	
	G.B.	781,655	4,036	786,301	75,560	861,861	1,177,328	5,041	59,335	1,241,704	290,780	1,532,484	
	Germany	60,762	.....	60,762	.....	60,762	52,189	.....	.....	52,189	.....	52,189	
	Nfld.	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	
Grand total	.....	1,277,230	114,796	1,392,026	935,575	2,325,601	1,578,171	11,752	111,975	1,701,898	261,563	2,463,461	

Table 80.—Summary Statistics for 1932—Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in Quebec by Months and by Kinds

(Short tons)

Month	Canadian coal		Imported from U.S.A.	Imported from Great Britain	Imported from Germany	Imported from Newfoundland	Coal available for consumption
	Received from other provinces	Exported					
January—							
Anthracite.....			31,292				31,292
Bituminous.....	14,817	4	15,855				30,668
Sub-bituminous.....							
Total.....	14,817	4	47,147				61,960
February—							
Anthracite.....			31,913				31,913
Bituminous.....	10,633		15,886				26,519
Sub-bituminous.....	33						33
Total.....	10,666		47,799				58,465
March—							
Anthracite.....			38,799	4			38,803
Bituminous.....	17,454		14,099	91			31,644
Total.....	17,454		52,898	95			70,447
April—							
Anthracite.....			38,072	43,997			82,069
Bituminous.....	84,654		16,884				101,538
Total.....	84,654		54,956	43,997			183,607
May—							
Anthracite.....			45,375	167,825			213,200
Bituminous.....	236,949		62,495	47,032			346,476
Total.....	236,949		107,870	214,857			559,676
June—							
Anthracite.....			32,653	137,413	5,693		175,759
Bituminous.....	251,453		76,120	30,412			357,985
Total.....	251,453		108,773	167,825	5,693		533,741
July—							
Anthracite.....			28,236	204,185	7,073		239,414
Bituminous.....	199,485		57,349	29,111			285,947
Total.....	199,485		85,585	233,296	7,073		525,439
August—							
Anthracite.....			32,587	177,441			210,028
Bituminous.....	218,950		48,532	30,946			298,428
Total.....	218,950		81,119	208,387			508,456
September—							
Anthracite.....			30,335	158,854	6,157		195,346
Bituminous.....	206,494		47,939	18,792			273,225
Sub-bituminous.....	33						33
Total.....	206,527		78,274	177,646	6,157		468,604
October—							
Anthracite.....			47,580	127,472	6,720		181,772
Bituminous.....	187,239	12	58,788	25,543		2	271,560
Sub-bituminous.....	34						34
Total.....	187,273	12	106,368	153,015	6,720	2	453,366
November—							
Anthracite.....			25,343	181,866	19,266		226,475
Bituminous.....	149,144		42,534	101,179			292,857
Sub-bituminous.....	35						35
Total.....	149,179		67,877	283,045	19,266		519,367
December—							
Anthracite.....			25,820	42,647	7,280		75,747
Bituminous.....	10,151	50	14,300	7,674			32,075
Sub-bituminous.....							
Lignite.....							
Total.....	10,151	50	40,120	50,321	7,280		107,822
Total—							
Anthracite.....			408,005	1,241,704	52,189		1,701,898
Bituminous.....	1,587,423	66	470,781	230,750		2	2,348,920
Sub-bituminous.....	135						135
Lignite.....							
Total.....	1,587,558	66	878,786	1,532,484	52,189	2	4,050,932

## CHAPTER SIX

## ONTARIO

Ontario's coal supply is obtained from outside sources. In 1932, the United States supplied Ontario consumers with 8,137,060 tons, made up of 1,223,839 tons of anthracite coal and 6,913,221 tons of bituminous coal. The tonnage of Canadian coal shipped into Ontario continues to be limited by the long freight haul to the large Ontario consuming centres from the Canadian coal fields in the east and west.

The average importation of anthracite coal into Ontario during the five years prior to 1932 was 2·1 million tons. In 1932 the anthracite imports amounted to 1·2 million tons or 42·9 per cent below the five-year average; the United States supplied 97·5 per cent of the 1932 direct importations of anthracite coal.

It is estimated that approximately 449,000 tons of anthracite coal from Great Britain were consumed in Ontario during 1932. This coal was imported principally through Quebec ports and trans-shipped to Ontario points.

The industrial demand for fuel controls the imports of bituminous coal into Ontario, therefore, there is a considerable fluctuation from year to year in the tonnages brought into this province. During the past five years imports averaged 12·0 million tons, while in 1932 only 7·67 million tons were imported into Ontario.

Table 81.—Exports of Canadian Coal through Ontario Ports, 1928-1932

(Short tons)

Port	1928	1929	1930	1931	1932
Bridgeburg.....					
Fort Frances.....	38	97	70	65	6
Ningara Falls.....		49			
Toronto.....					2
Total.....	38	146	70	68	8

Table 82.—Imports into Ontario of Anthracite and Bituminous Coal by Ports of Entry, 1931 and 1932

(Short tons)

Port	From	1931			1932				Bituminous, all grades	Total		
		Anthracite	Bituminous, all grades	Total	Anthracite			Total				
					Grate, egg, stove, nut and pea	Screenings or dust	N.O.P.					
<b>CENTRAL ONTARIO—</b>												
Amherstburg.....	U.S.	9,615	34,161	43,776	6,070	.....	30	6,100	48,451	54,531		
Belleisle.....	U.S.	14,629	98,558	113,187	10,882	.....	208	11,090	36,887	47,377		
Bowmanville.....	U.S.	5,517	5,533	11,030	5,716	.....	156	5,872	5,800	11,672		
Brantford.....	U.S.	31,746	36,760	68,506	25,013	.....	1,857	26,870	26,116	52,936		
Bridgewater.....	U.S.	57,227	53,216	110,443	58,934	60	2,200	61,194	61,623	122,817		
Brockville.....	U.S.	16,437	11,288	27,725	16,535	.....	1,475	18,010	12,269	30,279		
Chatham.....	U.S.	3,135	463,185	466,320	2,688	.....	251	2,939	482,278	485,217		
Cobourg.....	U.S.	11,291	306,279	317,570	10,503	.....	93	10,596	220,700	231,296		
Collingwood.....	U.S.	6,671	7,836	14,507	5,320	.....	525	5,845	4,617	10,462		
Cornwall.....	U.S.	9,703	13,252	22,955	9,714	.....	1,024	10,738	10,408	21,116		
Fort Frances.....	U.S.	.....	65,738	65,738	3	.....	3	48,915	48,918	.....		
Galt.....	U.S.	21,923	36,201	58,121	19,206	.....	161	19,367	33,750	53,123		
Gananoque.....	U.S.	3,875	2,559	6,834	3,007	.....	183	3,190	2,629	5,819		
Goderich.....	U.S.	10,282	35,378	51,660	14,701	.....	575	15,276	31,316	46,592		
Guelph.....	U.S.	31,914	50,001	81,915	22,902	93	2,237	25,232	48,721	73,533		
Hamilton.....	U.S.	123,309	1,296,889	1,419,198	73,639	39	13,685	87,363	1,089,760	1,177,123		
Ingersoll.....	G.B.	.....	.....	1,656	.....	.....	.....	1,656	.....	1,636		
Kenora.....	U.S.	6,594	10,941	17,535	6,149	119	278	6,546	12,536	19,082		
Kingston.....	U.S.	.....	26	26	.....	.....	.....	.....	.....	.....		
Kitchener.....	U.S.	31,678	41,083	72,761	26,887	.....	2,562	29,449	39,956	69,405		
Lindsay.....	U.S.	32,551	71,984	101,535	24,929	146	1,573	26,648	63,305	89,933		
London.....	U.S.	8,776	10,719	19,493	6,402	.....	217	6,619	10,017	16,636		
Midland.....	U.S.	72,329	61,614	133,943	48,280	.....	2,286	50,566	43,699	94,265		
Morrisburg.....	U.S.	3,275	72,786	76,061	1,918	.....	386	2,304	78,717	81,821		
Napanee.....	U.S.	2,658	433	3,391	2,500	.....	71	2,631	106	2,737		
Niagara Falls.....	U.S.	6,770	14,216	20,986	4,540	.....	238	4,778	17,498	22,276		
North Bay.....	U.S.	50,581	356,410	406,991	29,773	.....	2,916	32,680	380,236	412,925		
Orillia.....	U.S.	11,186	36,938	48,121	7,982	.....	424	8,406	25,583	33,999		
Oshawa.....	U.S.	11,186	12,950	24,136	8,584	.....	698	9,282	6,968	16,230		
Ottawa.....	U.S.	19,697	43,724	63,421	9,236	.....	1,669	10,905	27,553	38,448		
Owen Sound.....	U.S.	90,731	98,775	198,506	64,018	.....	13,920	77,938	74,759	152,697		
Parry Sound.....	G.B.	.....	391	391	.....	.....	.....	3,001	3,001	.....		
Paris.....	U.S.	3,784	12,448	16,232	2,855	.....	2,855	14,028	16,883	.....		
Petropavlovsk.....	U.S.	7,616	11,992	19,608	6,768	164	6,932	12,231	19,163	.....		
Picton.....	U.S.	1,640	40,710	42,340	6,710	.....	6,710	351,014	360,721	.....		
Peterborough.....	U.S.	27,986	39,087	67,073	21,520	.....	662	22,182	29,813	51,495		
Port Hope.....	U.S.	7,261	5,078	12,339	5,743	.....	323	6,066	3,886	9,932		
Port McNicoll.....	U.S.	7,771	8,348	16,119	5,647	.....	176	5,823	7,153	12,976		
Prescott.....	U.S.	14,648	754,309	763,951	8,486	.....	3,067	11,553	487,569	499,172		
St. Catharines.....	U.S.	36,282	137,603	173,885	27,420	385	1,517	29,322	126,798	156,120		
St. Thomas.....	U.S.	14,143	151,450	165,591	10,217	33	527	10,777	119,555	130,332		
Sarnia.....	U.S.	3,729	235,650	239,379	2,974	743	.....	3,717	202,603	206,329		
Sault Ste. Marie.....	U.S.	3,985	695,473	699,158	1,027	.....	41	1,068	345,081	316,119		
Simcoe.....	U.S.	2,462	13,721	16,183	2,556	.....	63	2,619	13,699	16,318		
Stratford.....	U.S.	37,438	54,991	92,499	28,441	566	1,996	31,003	32,215	63,218		
Sudbury.....	U.S.	9,223	7,486	16,709	5,653	.....	116	5,769	5,518	11,297		
Tillsonburg.....	U.S.	2,251	267,563	269,814	1,770	.....	1,770	235,902	237,672	.....		
Toronto.....	U.S.	637,175	3,233,644	1,870,819	403,133	1,080	37,638	441,851	1,170,134	1,620,985		
Trenton.....	G.B.	2,208	.....	2,208	25,263	.....	25,263	.....	.....	25,263		
Wallaceburg.....	U.S.	6,612	17,271	23,883	4,900	.....	94	4,994	7,826	12,926		
Welland.....	U.S.	363	28,831	29,194	232	.....	232	25,416	25,618	.....		
Whitby.....	U.S.	25,110	540,582	563,692	19,073	183	2,107	21,363	205,883	227,246		
Windsor.....	U.S.	10,005	3,927	13,932	7,951	37	111	8,090	2,962	11,061		
Woodstock.....	U.S.	15,180	576,582	591,662	7,939	46	91	8,076	517,885	525,961		
		19,143	24,436	43,579	11,377	.....	1,111	12,488	19,648	37,136		
<b>TOTAL FOR CENTRAL ONTARIO.....</b>	U.S.	1,613,435	8,619,083	10,233,518	1,118,607	3,530	101,702	1,223,839	6,913,221	8,137,060		
	G.B.	2,208	391	2,599	26,919	.....	.....	26,919	3,001	29,929		
<b>HEAD OF LAKES—</b>												
Fort William.....	U.S.	18,302	609,279	627,581	3,026	.....	4,982	8,008	691,831	699,839		
Port Arthur.....	U.S.	.....	86,810	86,810	4,669	.....	4,669	.....	62,019	4,669		
<b>TOTAL HEAD OF LAKES.....</b>	U.S.	18,302	696,089	711,391	3,026	.....	4,982	8,008	753,850	761,838		
	G.B.	.....	2,599	31,588	4,669	.....	4,669	.....	.....	4,669		
<b>Total for Ontario.....</b>	U.S.	1,631,737	9,315,172	10,196,969	1,121,633	3,530	106,684	1,231,847	7,667,071	8,898,918		
	G.B.	2,208	391	2,599	31,588	.....	31,588	3,001	.....	34,589		
<b>Grand total.....</b>	.....	1,633,945	9,315,563	10,199,568	1,153,221	3,530	106,684	1,263,435	7,678,072	8,933,507		

Table 83.—Summary Statistics for 1932—Interprovincial Shipments, Exports, Imports and Coal made Available for Consumption in Ontario, by Months and by Kinds

(Short tons)

Month	Central Ontario				Head of Lakes		Total Ontario
	Canadian coal		Imported from U.S.A.	Imported from Great Britain	Coal available for consumption	Coal available for consumption	
	Received from other provinces	Exported				Imported from United States	Imported from Great Britain
January—							
Anthracite.....			106,667		106,667		106,667
Bituminous.....	91		415,062		415,153	38,935	454,984
Sub-bituminous.....	872				872		872
Lignite.....	2,758				2,758		2,758
Total.....	3,721		521,729		525,450	38,935	564,385
February—							
Anthracite.....			86,617		86,617		86,617
Bituminous.....		2	357,652		357,650		357,650
Sub-bituminous.....	1,116				1,116		1,116
Lignite.....	3,837				3,837		3,837
Total.....	4,953	2	444,269		449,220		449,220
March—							
Anthracite.....			173,268		173,268		173,268
Bituminous.....		1	466,596		466,595		466,595
Sub-bituminous.....	139				139		139
Lignite.....	2,849				2,849		2,849
Total.....	2,988	1	639,864		642,851		642,851
April—							
Anthracite.....			82,183		82,183		82,183
Bituminous.....		1	339,428		339,425		339,425
Sub-bituminous.....	66				66		66
Lignite.....	697				697		697
Total.....	763	1	421,609		422,371		422,371
May—							
Anthracite.....			99,428		99,428		99,428
Bituminous.....			586,860		586,860	8,973	595,833
Sub-bituminous.....	30				30		30
Lignite.....	189				189		189
Total.....	219		686,288		686,507	8,973	695,480
June—							
Anthracite.....			61,045		61,045		61,045
Bituminous.....	2,559		526,543		529,102	65,564	591,686
Sub-bituminous.....					325		325
Lignite.....	325						
Total.....	2,884		587,588		590,472	65,564	656,036
July—							
Anthracite.....			66,681	5,184	71,865		71,865
Bituminous.....			590,379		590,379	53,900	644,279
Sub-bituminous.....	170				170		170
Lignite.....	211				211		211
Total.....	381		657,060	5,184	662,625	53,900	716,525
August—							
Anthracite.....			96,775	6,117	102,892	4,982	109,235
Bituminous.....			624,554		624,554	144,404	768,958
Sub-bituminous.....	215				215		215
Lignite.....	678				678		678
Total.....	893		721,329	6,117	728,339	149,386	879,086
September—							
Anthracite.....			94,683	1,832	96,515		98,172
Bituminous.....			737,980		737,980	179,618	917,598
Sub-bituminous.....	836				836		836
Lignite.....	1,124				1,124		1,124
Total.....	1,960		832,663	1,832	836,455	179,618	1,017,720

Table 83.—Summary Statistics for 1932—Interprovincial Shipments, Exports, Imports and Coal made Available for Consumption in Ontario, by Months and by Kinds—Concluded

(Short tons)

Month	Central Ontario				Head of Lakes		Total Ontario	
	Canadian coal		Imported from U.S.A.	Imported from Great Britain	Coal available for consumption	Coal available for consumption		
	Received from other provinces	Exported				Imported from United States	Imported from Great Britain	
October—								
Anthracite.....		145,092	7,170	152,262	3,026	1,651	156,939	
Bituminous.....	81	786,952		787,033	101,795		888,828	
Sub-bituminous.....	929			929			929	
Lignite.....	3,189			3,189			3,189	
Total.....	4,199	932,044	7,170	943,413	104,821	1,651	1,849,885	
November—								
Anthracite.....		99,792	6,616	106,408			106,408	
Bituminous.....	184	1	3,001	900,294	100,895		1,061,189	
Sub-bituminous.....	803			803			803	
Lignite.....	2,331			2,331			2,331	
Total.....	3,318	1	996,902	9,617	1,009,836	100,895	1,110,731	
December—								
Anthracite.....		111,608		111,608			111,608	
Bituminous.....	116	3	584,107	584,220	59,766		643,886	
Sub-bituminous.....	533			533			533	
Lignite.....	2,828			2,828			2,828	
Total.....	3,477	3	695,715		699,189	59,766	758,955	
Total—								
Anthracite.....		1,223,839	26,919	1,230,758	8,008	4,669	1,263,435	
Bituminous.....	3,031	8	6,913,221	3,001	6,919,245	753,850	7,672,095	
Sub-bituminous.....	*5,709			5,709			5,709	
Lignite.....	*21,016				21,016		21,016	
Total.....	29,756	8	8,137,060	29,920	8,196,728	761,858	8,963,255	

\*Shipments to any point in Ontario from western mines.

## CHAPTER SEVEN

## MANITOBA

Manitoba produced 1,552 tons of coal in 1932 as compared with 1,306 tons in the preceding year. This coal was extracted from the lignite seams in the Turtle Mountains near Deloraine.

The United States, Alberta, Saskatchewan and British Columbia continued to supply the principal coal requirements of Manitoba. Alberta's shipments to Manitoba increased 9.3 per cent in 1932 to 484,459 tons, made up of 147,019 tons of bituminous coal, 63,387 tons of sub-bituminous coal and 274,053 tons of lignite coal. An increase of 48.3 per cent was recorded in the shipments of lignite coal from Saskatchewan to Manitoba; the 1932 total was 362,569 tons. Mines in the Crow's Nest Pass field, British Columbia, shipped 54,135 tons of bituminous coal into Manitoba during the year. In considering the tonnage of imported coal consumed in Manitoba, it is desirable to include data regarding receipts of coal at Fort William and Port Arthur since the bulk of the coal dumped at these ports finds its way into Manitoba. The total imports into Manitoba and the Head of Lakes in 1932 amounted to 782,781 tons.

**Table 84.—Disposition of Coal Output from Manitoba Mines by Grades, 1931 and 1932**  
 (Short tons)

Disposition	1931		1932	
	Quantity	Value	Quantity	Value
Supplied to employees for domestic consumption.....		\$		\$
107	286		70	100
Shipped (all to Manitoba points).....	1,106	3,511	1,384	3,494
Put on waste heap.....	93		98	
<b>Total disposition.....</b>	<b>1,306</b>	<b>3,797</b>	<b>1,552</b>	<b>3,684</b>

**Table 85.—Exports of Canadian Coal through Manitoba Ports, 1928-1932**  
 (Short tons)

Port	1928	1929	1930	1931	1932
Brandon.....	126	100	57	4	92
Emerson.....	1,377	1,319	702	332	191
Gretna.....	1,597	1,204	693	389	233
Winnipeg.....	988	711	950	563	804
<b>Total.....</b>	<b>4,088</b>	<b>3,334</b>	<b>2,402</b>	<b>1,288</b>	<b>1,326</b>

**Table 86.—Imports into Manitoba and the Head of Lakes, of Anthracite and Bituminous Coal by Ports of Entry, 1931 and 1932**  
 (Short tons)

Port	From	1931					1932						
		Anthracite			Bitum- inous, all grades	Total	Anthracite			Lig- nite	Bitum- inous, all grades		
		Grate, egg, stove, nut and pea	Buck- wheat, rice, and barley	Total			Grate, egg, stove, nut and pea	Screen- ings or dust	N.O.P.				
MANITOBA—													
Brandon.....	U.S.	69	.....	69	375	444	21	.....	21	146	638	805	
Emerson.....	U.S.	.....	41	.....	42	42	.....	.....	.....	10	71	71	
Gretna.....	U.S.	41	.....	41	29	70	.....	.....	.....	22	32	32	
Portage la Prairie.....	U.S.	.....	.....	.....	.....	.....	.....	.....	.....	3,779	11,567	15,346	
Winnipeg.....	U.S.	2,305	1,280	3,585	6,595	10,180	3,779	.....	.....	.....	.....	.....	
<b>Total for Manitoba</b>	<b>U.S.</b>	<b>2,413</b>	<b>1,280</b>	<b>3,695</b>	<b>7,041</b>	<b>10,736</b>	<b>3,800</b>	.....	.....	<b>3,800</b>	<b>156</b>	<b>12,298</b>	<b>16,254</b>
HEAD OF LAKES—													
Fort William.....	U.S.	13,400	4,902	18,302	609,279	627,581	3,026	.....	4,982	8,008	691,831	699,838	
Port Arthur.....	G.B.	.....	.....	.....	.....	.....	4,669	.....	.....	4,669	.....	4,668	
	U.S.	.....	.....	86,810	86,810	86,810	.....	.....	.....	.....	62,019	62,019	
<b>Total Head of Lakes</b>	<b>U.S.</b>	<b>13,400</b>	<b>4,902</b>	<b>18,302</b>	<b>696,089</b>	<b>714,391</b>	<b>3,026</b>	.....	<b>4,982</b>	<b>8,008</b>	<b>753,850</b>	<b>761,858</b>	
	<b>G.B.</b>	.....	.....	.....	.....	.....	4,669	.....	.....	4,669	.....	4,668	
<b>Total</b>		<b>13,400</b>	<b>4,902</b>	<b>18,302</b>	<b>696,089</b>	<b>714,391</b>	<b>7,695</b>	.....	<b>4,982</b>	<b>12,677</b>	<b>753,850</b>	<b>766,527</b>	
<b>Total for Manitoba and Head of Lakes</b>	<b>U.S.</b>	<b>15,815</b>	<b>6,182</b>	<b>21,997</b>	<b>703,130</b>	<b>725,127</b>	<b>6,826</b>	.....	<b>4,982</b>	<b>11,808</b>	<b>156</b>	<b>766,148</b>	<b>778,112</b>
	<b>G.B.</b>	.....	.....	.....	.....	.....	4,669	.....	.....	4,669	.....	4,668	
<b>Grand total</b>		<b>15,815</b>	<b>6,182</b>	<b>21,997</b>	<b>703,130</b>	<b>725,127</b>	<b>11,495</b>	.....	<b>4,982</b>	<b>16,477</b>	<b>156</b>	<b>766,148</b>	<b>782,781</b>

Table 87.—Summary Statistics for 1932—Interprovincial Shipments, Exports, Imports and Coal Made Available for Consumption in Manitoba, (exclusive of Shipments Cleared at Head of Lakes) 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		
January—					
Anthracite.....				151	151
Bituminous.....		21,481	49	346	21,778
Sub-bituminous.....		8,723			8,723
Lignite.....	394	89,618	100		89,912
Total.....	394	119,822	149	497	120,564
February—					
Anthracite.....				449	449
Bituminous.....		23,283	8	682	23,957
Sub-bituminous.....		8,526			8,526
Lignite.....	471	88,180	209		88,442
Total.....	471	119,989	217	1,131	121,374
March—					
Anthracite.....				361	361
Bituminous.....		16,137	49	1,012	17,100
Sub-bituminous.....		5,027			5,027
Lignite.....	143	60,723	65		60,801
Total.....	143	81,887	114	1,373	83,289
April—					
Anthracite.....				238	238
Bituminous.....		11,945		822	12,767
Sub-bituminous.....		1,310			1,310
Lignite.....		24,371	61		24,310
Total.....		37,626	61	1,060	38,625
May—					
Anthracite.....				405	405
Bituminous.....		13,635	1	548	14,182
Sub-bituminous.....		510			510
Lignite.....		10,538			10,538
Total.....		24,683	1	953	25,635
June—					
Anthracite.....				298	298
Bituminous.....		11,147		640	11,787
Sub-bituminous.....		636			636
Lignite.....		10,052	40		10,012
Total.....		21,835	40	938	22,733
July—					
Anthracite.....				435	435
Bituminous.....		7,756		1,813	9,569
Sub-bituminous.....		1,580			1,580
Lignite.....		8,392			8,382
Total.....		17,728		2,248	19,976
August—					
Anthracite.....				425	10,428
Bituminous.....		10,003			3,430
Sub-bituminous.....		3,430			12,415
Lignite.....		12,326		89	
Total.....		25,759		514	26,273
September—					
Anthracite.....				323	323
Bituminous.....		14,822	66	677	15,433
Sub-bituminous.....		7,087			7,087
Lignite.....		38,449		40	38,489
Total.....		60,358	66	1,040	61,332

Table 87.—Summary Statistics for 1932—Interprovincial Shipments, Exports, Imports and Coal Made Available for Consumption in Manitoba (exclusive of Shipments Cleared at Head of Lakes) 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	Exported		
October—					
Anthracite.....				195	195
Bituminous.....		21,346	4	1,568	22,911
Sub-bituminous.....		8,170			8,170
Lignite.....	5	92,514	106		92,413
Total.....	5	122,030	110	1,764	123,689
November—					
Anthracite.....				460	460
Bituminous.....		19,856	10	1,914	21,760
Sub-bituminous.....		8,925			8,925
Lignite.....	224	105,998	225	27	106,024
Total.....	224	134,779	235	2,401	137,169
December—					
Anthracite.....				485	485
Bituminous.....		29,743	8	1,850	31,585
Sub-bituminous.....		9,463			9,463
Lignite.....	315	95,461	319		95,457
Total.....	315	134,667	327	2,335	136,990
Total—					
Anthracite.....				3,800	3,800
Bituminous.....		201,154	195	12,295	213,257
Sub-bituminous.....		63,387			63,387
Lignite.....	1,552	636,622	1,125	156	637,265
Total.....	1,552	901,163	1,320	16,254	917,649

Table 88.—Employment and Earnings in the Coal Mines of Manitoba, 1931 and 1932

		1931	1932
Average number of wage-earners—			
Surface.....		12	2
Underground.....		26	4
Total.....		38	6
Days' work done—			
Surface.....		263	373
Underground.....		604	755
Total.....		867	1,128
Average number of days worked per man per year—			
Surface.....		22	187
Underground.....		23	189
By all wage-earners.....		23	188
Total wages paid		\$ 3,000	\$ 3,264

Table 89.—Wage-Earners Employed and Work Done by Months in the Manitoba Coal Mines in 1931 and 1932

Month	Number of employees			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
1931						
October.....	11	22	33	13	24	37
November.....	13	26	39	68	134	202
December.....	12	29	41	182	446	628
Total.....				263	604	867
1932						
January.....	6	13	19	89	202	291
February.....	6	13	19	90	205	295
March.....	3	6	9	30	60	90
October.....	3	—	3	20	—	20
November.....	3	4	7	72	96	168
December.....	3	8	11	72	192	264
Total.....				373	755	1,128

## CHAPTER EIGHT

## SASKATCHEWAN

Saskatchewan mines produced 887,139 tons of coal during 1932, an advance of 33.8 per cent over the record output in the preceding year of 662,836 tons. The mines in operation during the year produced 70 per cent of their possible output; lack of orders accounted for 29.5 per cent of the time lost. An additional loss of 782 man-days work was caused by four labour disputes involving 265 men with a consequent output loss of 4,226 tons.

Coal shipped from Saskatchewan mines for consumption within the province totalled 429,990 tons as compared with 329,394 tons in 1931. An increase of 48.3 per cent was recorded in shipments to Manitoba points; the 1932 total was 362,569 tons and the preceding year, 244,408 tons. The remainder of the shipments included 24,868 tons for railroad use and minor tonnages shipped to points in Ontario and the United States.

A considerable fluctuation was shown in the employment in Saskatchewan mines during 1932; in January, 872 men were on the payrolls but a sharp decline was recorded in the following five months. In July, a slight recovery was noted, followed by an advance which reached its maximum in November when 1,302 men were employed. Salaries and wages paid to the 800 employees in 1932 totalled \$634,045; in the preceding year 591 employees received \$509,632. Wage-earners worked on an average 219 days during the year at an average daily rate of \$3.19.

Table 90.—Output of Coal from Saskatchewan Mines, 1887-1932

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$			\$
1887.....(a) 400	800	1903.....	116,703	169,618	1918.....	346,847	722,148	
1888.....	1904.....	124,885	187,021	1919.....	379,347	819,390		
1889.....	1905.....	107,596	152,334	1920.....	335,222	707,828		
1890.....	200	1906.....	108,398	164,146	1921.....	335,632	823,180	
1891.....	1907.....	151,232	252,437	1922.....	382,437	802,055		
1892.....	5,400	9,325	1908.....	150,556	253,790	1923.....	438,100	858,448
1893.....	8,325	12,485	1909.....	192,125	291,333	1924.....	479,118	886,668
1894.....(b) 15,051	15,153	1910.....	181,156	293,929	1925.....	471,965	870,875	
1895.....	15,769	31,538	1911.....	206,779	347,248	1926.....	439,803	819,805
1896.....	16,706	25,059	1912.....	225,342	368,135	1927.....	470,216	868,807
1897.....	25,000	37,500	1913.....	212,897	358,192	1928.....	471,713	831,491
1898.....	25,000	37,500	1914.....	232,299	374,245	1929.....	580,189	993,226
1899.....	25,000	37,500	1915.....	240,107	365,246	1930.....	579,424	908,863
1900.....	40,500	60,750	1916.....	281,300	441,836	1931.....	662,836	945,259
1901.....	45,000	72,000	1917.....	355,445	682,451	1932.....	887,139	1,229,449
1902.....	70,400	112,640				Total	10,439,559	18,376,961

(a) From Turtle Mountain district, Manitoba.

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

\*For the years 1919-1932 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 91.—Output of Coal from Saskatchewan Mines, by Months, 1928-1932

(Short tons)

Month	1928	1929	1930	1931	1932
January.....	56,525	69,117	78,063	81,308	110,505
February.....	50,608	60,542	50,186	55,094	112,934
March.....	39,760	41,753	47,140	63,088	85,140
April.....	28,732	32,813	28,550	30,420	37,360
May.....	16,679	30,209	20,744	22,521	16,586
June.....	15,445	27,707	20,993	17,970	15,369
July.....	17,380	28,741	20,284	18,347	19,075
August.....	21,977	27,617	21,517	19,527	19,330
September.....	31,531	47,448	42,690	35,130	51,814
October.....	67,769	65,108	91,030	84,518	130,498
November.....	70,088	73,274	81,955	130,988	148,312
December.....	55,219	75,860	70,292	105,915	140,216
Total.....	471,713	580,189	679,424	662,486	887,139

Table 92.—Output of Coal by Principal Collieries in Saskatchewan for 1930-1932  
(Average of 500 tons or more per month)

(Short tons)

Name	Address	1930	1931	1932
Bienfait Commercial Co. (Formerly National Mines Ltd., and Progressive Mines Ltd.)	Bienfait	19,136	19,766	22,888
Bienfait Mines, Ltd.	Bienfait	85,357	65,885	92,902
Co-Operative Coal Mine	Roche Percée			2,177
Crescent Collieries, Ltd.	Bienfait	63,318	46,330	54,476
Eastern Collieries of Bienfait, Ltd.	Estevan	41,016	34,439	66,354
Galloway, John	Estevan			1,919
International Clay Products, Ltd.	Estevan	6,444		
Jenishi Bros.	Estevan	4,904	5,073	5,746
Lignite Coal Mines, Ltd. (formerly P. T. Roberts and Canadian Coal Briquettes & Power (Bienfait), Ltd.)	Pinto		1,247	6,055
Manitoba and Saskatchewan Coal Co., Ltd.	503 Avenue Block, Winnipeg, Man.	96,700	107,910	140,198
Parkinson, George	Estevan	4,849	3,798	3,789
Poage, H. E.	Roche Percée		6,411	12,449
Regina Manufacturing & Supply Co. (formerly J. Williams)	Regina			1,113
Shand Coal and Brick Co.	Shand	23,575	9,777	10,991
Truxax Traer Coal Co., Ltd. (formerly Big Lump Coal Co.)	Estevan	77,188	229,436	239,620
Western Dominion Collieries, Ltd.	Taylorton	119,847	94,220	139,575
Whealock Bros.	Estevan			2,580
All other operators		37,000	38,544	84,827
<b>Total</b>		<b>579,424</b>	<b>662,836</b>	<b>887,139</b>

Table 93.—Tonnage Lost in Saskatchewan Coal Mines, Showing the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1931 and 1932

Year	Per cent produced	Per cent lost	Percentage lost through				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
1931	65	35		34.7		0.2	0.1
1932	70	30		29.5		0.3	0.2

Table 94.—Disposition of Coal from Saskatchewan Mines by Grades, 1931 and 1932

(Short tons)

Disposition	1931				1932				Total	
	Run-of-mine	Lump	Slack	Total		Run-of-mine	Lump	Slack		
				Quantity	Value			Quantity	Value	
Supplied to employees for domestic consumption	1,248	1,219	.....	2,467	4,127	2,267	1,553	.....	3,820	5,763
Shipped as per Table 95	215,805	206,511	183,521	605,837	889,663	292,732	328,544	202,890	824,166	1,168,180
Used under colliery boilers, etc.	874	.....	27,168	28,012	25,939	822	27	24,453	25,392	24,706
Used in making briquettes	13,979	.....	.....	13,979	17,475	0,530	.....	6,753	13,283	16,502
Used by companies railroads	3,286	.....	.....	3,286	5,989	5,361	.....	.....	5,361	8,042
Put on bank	1,082	.....	6,528	7,610	4,591	20	.....	11,840	11,868	10,947
Put on waste heap	.....	.....	2,716	.....	.....	.....	.....	.....	8,075	.....
<b>Total disposition</b>	<b>236,274</b>	<b>207,730</b>	<b>217,217</b>	<b>663,937</b>	<b>946,884</b>	<b>307,732</b>	<b>330,124</b>	<b>245,936</b>	<b>891,967</b>	<b>1,234,240</b>
Lifted from bank	855	107	139	1,101	1,625	1	.....	4,727	4,728	4,791
<b>Total output</b>	<b>235,419</b>	<b>207,623</b>	<b>217,078</b>	<b>662,836</b>	<b>945,259</b>	<b>307,731</b>	<b>330,124</b>	<b>241,209</b>	<b>887,139</b>	<b>1,229,449</b>

Table 95.—Shipments of Coal from Saskatchewan Mines, by Grades and Destination, 1931 and 1932

(Short tons)

Destination	1931				1932			
	Run-of-mine	Lump	Slack	Total	Run-of-mine	Lump	Slack	Total
Saskatchewan.....	117,450	130,553	81,391	329,394	191,363	170,412	68,215	429,990
Alberta.....			33	33				
British Columbia.....			71	71				
Manitoba.....	81,467	75,538	87,403	244,408	96,515	153,188	112,866	362,569
Ontario.....	163	102	1,250	1,524	924	4,153	1,069	6,116
United States.....	200	63	163	426	358	235	.....	593
Railroads.....	16,525	255	13,201	29,981	3,572	556	20,740	21,868
<b>Total.....</b>	<b>215,805</b>	<b>206,511</b>	<b>183,521</b>	<b>605,837</b>	<b>292,732</b>	<b>328,544</b>	<b>202,890</b>	<b>821,166</b>

Table 96.—Exports of Canadian Coal through Saskatchewan Ports, 1928-1932

(Short tons)

Port	1928	1929	1930	1931	1932
Moose Jaw.....	55	38	87	133	424
North Portal.....	6,365	7,495	5,658	2,073	2,072
Regina.....	1,386	694	330	36	312
<b>Total.....</b>	<b>7,506</b>	<b>8,227</b>	<b>6,075</b>	<b>2,242</b>	<b>2,808</b>

Table 97.—Imports into Saskatchewan of Anthracite, Bituminous and Lignite Coal by Ports of Entry, 1931 and 1932

(Short tons)

Port	Source	1931					1932					Total	
		Anthracite		Lignite	Bitum- inous, all grades	Total	Anthracite		N.O.P.	Total	Lignite		
		Grate, egg, stove, nut and pea	Buck- wheat, rice, and barley				Grate, egg, stove, nut and pea	Screen- ings or dust					
Moose Jaw.....	U.S.....			23	159	182					17	224	241
North Portal.....	U.S.....				366	346						468	468
Prince Albert.....	U.S.....				126	126						33	33
Regina.....	U.S.....				330	320						350	350
Saskatoon.....	U.S.....				554	554						384	384
<b>Total.....</b>	<b>U.S.....</b>			<b>23</b>	<b>1,535</b>	<b>1,558</b>					<b>17</b>	<b>1,459</b>	<b>1,476</b>

Table 98.—Summary Statistics for 1932—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in Saskatchewan 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—						
Anthracite.....						
Bituminous.....		11,373		2	32	11,403
Sub-bituminous.....		4,022				4,022
Lignite.....	110,505	126,761	49,652	283		187,331
Total.....	110,505	142,156	49,652	285	32	202,756
February—						
Anthracite.....						
Bituminous.....		11,701			33	11,734
Sub-bituminous.....		3,070				3,070
Lignite.....	112,934	132,310	51,037	135		194,072
Total.....	112,934	147,081	51,037	135	33	208,876
March—						
Bituminous.....		12,172			234	12,406
Sub-bituminous.....		1,662				1,662
Lignite.....	85,140	77,856	42,367	263		120,366
Total.....	85,140	91,690	42,367	263	234	134,434
April—						
Bituminous.....		6,768			157	6,925
Sub-bituminous.....		2,062				2,062
Lignite.....	37,360	28,558	18,128	60	9	47,739
Total.....	37,360	37,388	18,128	60	166	56,726
May—						
Bituminous.....		5,559			341	5,900
Sub-bituminous.....		3,084				3,084
Lignite.....	16,586	13,563	6,814	108		23,227
Total.....	16,586	22,206	6,814	108	341	32,211
June—						
Bituminous.....		6,014			237	6,251
Sub-bituminous.....		449				449
Lignite.....	15,369	15,153	5,560			24,962
Total.....	15,369	21,616	5,560		237	31,662
July—						
Anthracite.....						
Bituminous.....		6,118			137	6,255
Sub-bituminous.....		338				338
Lignite.....	19,075	11,363	5,439	14		24,985
Total.....	19,075	17,819	5,439	14	137	31,578
August—						
Bituminous.....		7,313		66	188	7,435
Sub-bituminous.....		4,186				4,186
Lignite.....	19,330	43,940	5,778		5	57,497
Total.....	19,330	55,439	5,778	66	193	69,118
September—						
Anthracite.....						
Bituminous.....		11,550		277	66	11,339
Sub-bituminous.....		4,164				4,164
Lignite.....	51,814	105,521	17,399		3	139,939
Total.....	51,814	121,235	17,399	277	69	155,442
October—						
Anthracite.....						
Bituminous.....		10,805		195	34	10,644
Sub-bituminous.....		4,883				4,883
Lignite.....	130,498	203,672	44,400	758		289,012
Total.....	130,498	219,360	44,400	953	34	304,539

Table 98.—Summary Statistics for 1932—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in Saskatchewan 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—						
Anthracite.....						
Bituminous.....		9,639		66		9,573
Sub-bituminous.....		3,129				3,129
Lignite.....	148,312	136,062	62,585	305		221,484
Total.....	148,312	148,830	62,585	371		234,186
December—						
Anthracite.....						
Bituminous.....		12,877		5		12,872
Sub-bituminous.....		2,809				2,809
Lignite.....	140,216	117,138	59,556	271		197,525
Total.....	140,216	132,822	59,556	276		213,206
<b>Total—</b>						
Anthracite.....		111,889		611	1,459	112,737
Bituminous.....		33,858				33,858
Sub-bituminous.....	887,139	1,011,895	388,715	2,197	17	1,528,139
Total.....	887,139	1,157,642	388,715	2,888	1,476	1,674,734

Table 99.—Employees, Salaries and Wages in the Coal Mines of Saskatchewan, 1931 and 1932

	1931	1932
Number of Salaried employees—		
Male.....	45	47
Female.....	8	5
Number of Wage-earners—		
Surface.....	166	224
Underground.....	372	524
<b>Total.....</b>	<b>531</b>	<b>800</b>
Salaries and wages—		
Salaries.....	\$ 105,200	\$ 109,833
Wages.....	\$ 404,432	\$ 524,212
<b>Total.....</b>	<b>\$ 509,632</b>	<b>\$ 634,045</b>

Table 100.—Employment and Earnings in the Coal Mines of Saskatchewan, 1928-1932

	1928	1929	1930	1931	1932
Average number of wage-earners—					
Surface.....	111	127	140	166	224
Underground.....	398	434	389	372	524
<b>Total.....</b>	<b>509</b>	<b>561</b>	<b>529</b>	<b>538</b>	<b>748</b>
Days' work done—					
Surface.....	22,186	28,803	29,145	32,398	47,044
Underground.....	78,122	97,151	79,157	73,312	117,132
<b>Total.....</b>	<b>100,308</b>	<b>126,944</b>	<b>106,302</b>	<b>105,710</b>	<b>164,176</b>
Average number of days worked per man per year—					
Surface.....	199	227	208	195	210
Underground.....	196	224	203	197	223
<b>By all wage-earners.....</b>	<b>197</b>	<b>225</b>	<b>205</b>	<b>196</b>	<b>219</b>
<b>Total wages paid.....</b>	<b>\$473,520</b>	<b>\$530,391</b>	<b>\$449,669</b>	<b>\$464,432</b>	<b>\$524,212</b>

**Table 101.—Wage-Earners Employed, and Work Done by Months in Saskatchewan Coal Mines in 1932**

Month	Number of wage-earners			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	249	623	872	5,019	12,968	17,987
February.....	241	602	843	5,282	13,287	18,569
March.....	218	497	715	4,298	9,853	14,151
April.....	161	343	504	1,983	4,728	6,711
May.....	133	226	359	998	1,928	2,926
June.....	122	188	310	1,056	1,816	2,872
July.....	159	269	428	1,301	2,487	3,788
August.....	176	286	462	1,487	2,719	4,206
September.....	224	546	770	3,460	9,558	13,018
October.....	324	819	1,143	7,362	17,207	24,569
November.....	356	946	1,302	7,867	20,440	28,307
December.....	320	937	1,257	6,931	20,111	27,072
<b>Total.....</b>				<b>47,044</b>	<b>117,132</b>	<b>164,176</b>

**Table 102.—Wage-Earners in Saskatchewan Coal Mines, by Classes, 1931 and 1932**

Classification	1931			1932		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	13		13	11		11
Foremen and clerks.....	20	1	21	34	40	74
Officials .....		14	14			
Screenmen and jonders.....	40		40	71		71
Stripping shovel operators.....	6		6	5		5
Hand cutters and helpers.....	206		206	208		296
Machine cutters.....	16		16	25		25
Machine loaders and helpers.....	49		49	42		42
Horse haulage employees.....	5	36	41	7	48	55
Mechanical haulage employees.....	5	11	16	8	15	23
Ventilation employees.....				1		1
Roadmakers.....	1	17	18		25	25
Timbermen.....		5	5		9	9
Pumpmen.....		7	7		6	6
Loading shovel.....	4		4	7		7
Cleaning shovel.....	1		1			
Engineermen.....	10		10	11		11
Firemen.....	12		12	10		10
Machinists.....	4		4	3		3
Carpenters and masons.....	6		6	7		7
Other mechanics.....	4	1	5	8	1	9
All other employees.....	20	8	28	42	16	58
<b>Total.....</b>	<b>166</b>	<b>372</b>	<b>538</b>	<b>224</b>	<b>524</b>	<b>748</b>

**Table 103.—Capital Employed in the Coal Mines of Saskatchewan, 1931 and 1932**

	1931	1932
Capital employed as represented by—	\$	\$
Cost of lands, buildings, machinery and tools.....	4,318,100	4,583,920
Cost of supplies and stock on hand.....	115,508	88,922
Cash, trading and operating accounts and bills receivable.....	208,142	257,489
<b>Total.....</b>	<b>4,641,750</b>	<b>4,920,331</b>

## CHAPTER NINE

## ALBERTA

The production of coal in Alberta during 1932 amounted to 4,870,648 tons or 6·7 per cent above the preceding year's output of 4,564,015 tons. Lignite coal production advanced 14·6 per cent and sub-bituminous coal, 19 per cent, but the tonnage of bituminous coal mined decreased 6 per cent.

Mines in operation in Alberta during the year produced 65 per cent of their possible output as compared with 58 per cent in 1931. Causes other than strikes, principally lack of orders, were responsible for an estimated output loss of 2,619,141 tons in 1932. Seventeen labour disputes took place during the year, involving 3,195 men with a computed production loss of 365,210 tons.

Railroad consumption in 1932 was at approximately the same level as in 1931; the totals were 1,620,224 tons and 1,668,842 tons, respectively. Saskatchewan consumers received 1,102,649 tons of Alberta coal during 1932; this represented an advance of 22 per cent over the preceding year's receipts. An increase of 9·3 per cent was recorded in the shipments of Alberta coal to Manitoba points; the 1932 total was 484,459 tons.

Sales of Alberta coal through retail coal dealers in 1932 totalled 1,918,000 tons, made up of 101,000 tons of run of mine, 1,174,000 tons of lump, 176,000 tons of egg, 178,000 tons of nut, 36,000 tons of pea and 253,000 tons of slack. Direct shipments to industrial users totalled 471,000 tons. Coal supplied direct to domestic consumers and to employees amounted to 476,000 tons.

Eighty-one per cent of Alberta's output is obtained from six of the principal producing districts, these were: Drumheller, Crowsnest, Mountain Park, Edmonton, Coalspur and Lethbridge. Crowsnest and Mountain Park coals are classed as bituminous, Coalspur as sub-bituminous and Drumheller, Edmonton and Lethbridge as lignite coal.

The year opened with 9,603 wage-earners engaged in the operation of Alberta's coal mines; the succeeding six months recorded a falling off in the number employed. A slight recovery was noted in August and in the following three months a steady growth in employment was observed. The average for 1932 was 7,824; in the preceding year, 8,024 men were employed. Salaries and wages paid in 1932 amounted to \$8,767,751 or 1·5 per cent above the 1931 total of \$8,635,003.

Table 104.—Output of Coal from Alberta Mines, 1886-1932

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$			\$
1886.....	43,220	81,112	1902.....	402,819	960,601	1917.....	4,736,368	14,153,685
1887.....	74,152	157,577	1903.....	495,893	1,117,541	1918.....	5,972,816	20,537,287
1888.....	115,124	183,354	1904.....	661,732	1,404,524	1919.....	4,933,660	18,205,205
1889.....	97,364	179,640	1905.....	931,917	1,993,915	1920.....	6,907,765	30,186,933
1890.....	128,753	198,298	1906.....	1,246,360	2,614,762	1921.....	5,909,217	27,246,514
1891.....	174,131	437,243	1907.....	1,591,579	3,836,286	1922.....	5,990,911	24,351,913
1892.....	178,970	400,605	1908.....	1,685,661	4,127,311	1923.....	6,854,397	28,018,303
1893.....	230,070	586,260	1909.....	1,994,741	4,838,109	1924.....	5,180,729	18,884,318
1894.....	184,940	473,827	1910.....	2,894,469	7,065,736	1925.....	5,869,031	20,021,484
1895.....	169,885	382,528	1911.....	1,511,036	3,979,264	1926.....	6,503,705	20,886,103
1896.....	209,162	581,832	1912.....	3,240,577	8,113,525	1927.....	6,934,162	21,982,058
1897.....	242,163	630,408	1913.....	4,014,755	10,418,941	1928.....	7,336,330	23,532,414
1898.....	315,088	787,720	1914.....	3,681,015	9,350,392	1929.....	7,150,693	22,928,182
1899.....	309,600	774,000	1915.....	3,310,818	8,283,079	1930.....	5,755,528	18,063,225
1900.....	311,450	778,625	1916.....	4,559,054	11,386,577	1931.....	4,564,015	13,342,675
1901.....	340,275	850,687				1932.....	4,870,648	13,526,309
						Total.....	130,877,748	422,900,885

\*For the years 1919-1932 the tonnage shown is the total output from all mines; for previous years the figures given include only sales, colliery consumption and coal used by the operators.

Table 105.—Output of Coal from Alberta Mines, by Months, 1928-1932

(Short tons)

Month	1928	1929	1930	1931	1932
January	917,625	705,142	791,019	471,591	533,481
February	635,005	768,832	448,488	336,502	569,038
March	618,116	571,968	400,098	387,512	410,541
April	450,696	567,603	270,679	273,615	252,995
May	356,688	523,706	300,745	276,571	196,979
June	436,472	494,375	355,055	236,010	232,854
July	514,405	482,380	322,281	267,268	197,158
August	618,806	481,806	399,708	261,616	265,198
September	546,270	550,492	559,071	423,541	431,159
October	736,680	666,039	776,172	502,641	654,704
November	782,460	655,554	589,131	617,716	577,391
December	723,083	682,576	543,081	509,432	549,152
<b>Total.</b>	<b>7,336,330</b>	<b>7,150,693</b>	<b>5,755,528</b>	<b>4,564,015</b>	<b>4,870,648</b>

Table 106.—Output of Coal by Districts in Alberta, 1930-1932

(Short tons)

District	1930	1931	1932
<b>BITUMINOUS—</b>			
Cascade	212,953	166,297	160,328
Crowsnest	1,133,891	951,948	714,356
Mountain Park	726,777	560,846	712,361
Nordegg	204,846	167,215	138,660
<b>Total bituminous.</b>	<b>2,278,467</b>	<b>1,846,306</b>	<b>1,734,705</b>
<b>SUB-BITUMINOUS—</b>			
Coalspur	515,306	398,021	452,536
Pekisko	4,240	873	1,542
Pincher	2,320	2,414	2,790
Prairie Creek	15,425	35,523	68,127
Saunders	66,067	34,512	35,907
<b>Total sub-bituminous.</b>	<b>603,358</b>	<b>471,343</b>	<b>560,902</b>
<b>LIGNITE—</b>			
Ardley	2,994	10,609	18,463
Big Valley	4,473	3,340	4,698
Brooks	7,984	4,908	6,623
Canrose	35,445	41,235	42,366
Carbon	91,018	85,831	88,394
Castor	24,662	24,319	37,118
Champion	12,511	12,113	17,321
Drumheller	1,432,873	1,070,710	1,245,673
Edmonton	417,262	370,657	452,814
Gleichen	3,057	3,166	5,068
Halcourt	418	1,702	2,163
Lethbridge	545,265	358,749	397,147
Magrath	971	1,750	1,786
Mill River	1,362	3,854	4,091
Pakana			198
Pakowki	2,101	1,602	2,717
Pembina	119,973	92,859	99,101
Redcliff	25,181	25,120	24,064
Rochester	140	225	358
Sherman		34	
Sheerness	21,683	19,684	24,530
Steverville			136
Taber	12,293	11,856	14,389
Tofield	111,932	101,843	95,647
Wetaskiwin	105	175	190
Whitecourt		25	8
<b>Total lignite.</b>	<b>2,873,703</b>	<b>2,246,366</b>	<b>2,575,041</b>
<b>Total Alberta.</b>	<b>5,755,528</b>	<b>4,564,015</b>	<b>4,870,648</b>

Table 107.—Output of Coal by Principal Collieries in Alberta, 1930-1932  
(Average of 500 tons or more per month)

(Short tons)

Name and address	1930	1931	1932
<b>BITUMINOUS</b>			
<b>CASCADE DISTRICT—</b>			
Canmore Coal Co., Ltd., Canmore.....	212,053	165,388	168,393
All other operators.....	900	909	935
Total.....	212,953	166,297	168,328
<b>CROWSNEST DISTRICT—</b>			
Hillcrest Collieries, Ltd., Hillcrest.....	187,804	163,331	172,484
Byron Creek Collieries, Ltd. (Hillcrest Collieries, Ltd.), Hillcrest.....	23,920	25,853	.....
International Coal and Coke Co., Ltd., Coleman.....	205,157	158,440	138,298
McGillivray Creek Coal and Coke Co., Ltd., Coleman.....	228,970	185,114	148,590
Mohawk Bituminous Mines, Ltd., Bellevue.....	61,862	83,179	84,719
West Canadian Collieries, Ltd., Blairmore.....	419,164	331,980	167,109
All other operators.....	7,008	4,051	3,155
Total.....	1,133,891	951,948	714,366
<b>MOUNTAIN PARK DISTRICT—</b>			
Cadomin Coal Co., Ltd., Cadomin (mine office); Edmonton (business office).....	401,553	304,874	337,497
Luscar Collieries, Ltd., Edmonton.....	169,083	122,345	187,375
Mountain Park Collieries, Ltd., 410 Tegler Bldg., Edmonton.....	156,141	133,237	185,802
All other operators.....	.....	390	1,687
Total.....	726,777	560,846	712,361
<b>NORDEGG DISTRICT—</b>			
Brazeau Collieries Ltd., Nordegg.....	204,846	167,215	138,660
Total.....	204,846	167,215	138,660
Total bituminous.....	2,278,467	1,846,306	1,734,705
<b>Sub-Bituminous</b>			
<b>COALSPUR DISTRICT—</b>			
Bryan Coal Co., Ltd., Edmonton.....	21,517	13,424	17,180
Coal Valley Mining Co., Ltd., Coal Valley.....	170,414	163,174	184,856
Foothills Collieries, Ltd., Foothills.....	69,048	43,895	45,596
Lakeside Coal Ltd., Edmonton.....	39,468	29,699	26,699
McLeod River Hard Coal Co., Ltd., Mercoal.....	65,193	27,127	24,733
Sterling Collieries Ltd., Edmonton.....	133,733	117,076	153,410
Newcastle Jr. Mining Co. (formerly Superba Coal Co., Ltd.), Lovett.....	13,716	1,881	.....
Val D'Or Collieries Ltd., Reco.....	2,217	1,745	.....
All other operators.....	.....	.....	63
Total.....	515,306	398,021	452,536
<b>PEKISKO DISTRICT—</b>			
Total.....	4,240	873	1,542
<b>PINCHER DISTRICT—</b>			
Total.....	2,320	2,414	2,790
<b>PRairie CREEK DISTRICT—</b>			
Hinton Collieries, Ltd., Hinton.....	510	17,463	46,046
Jasper Coal Co., Ltd., Edmonton.....	14,915	18,060	22,081
Total.....	15,425	35,523	68,127
<b>SAUNDERS DISTRICT—</b>			
Alexo Coal Co., Ltd., Alexo.....	30,441	18,462	18,418
Bighorn and Saunders Creek Collieries, Ltd., Saunders.....	35,626	16,050	17,489
Total.....	66,067	34,512	35,907
Total sub-bituminous.....	603,358	471,343	560,902
<b>Lignite</b>			
<b>ARDLEY DISTRICT—</b>			
Super Heat Coal Co., Ardley.....	21	6,170	10,642
All other operators.....	2,973	4,433	7,821
Total.....	2,994	10,609	18,463
<b>BIG VALLEY DISTRICT—</b>			
.....	4,473	3,340	4,698

Table 107.—Output of Coal by Principal Collieries in Alberta, 1930-1932  
(Average of 500 tons or more per month)—Continued

(Short tons)

Name and address	1930	1931	1932
<b>Lignite—Continued</b>			
<b>BROOKS DISTRICT—</b>			
Kleenbirk Collieries Ltd., Eyremore.....	7,984	4,908	4,944
Larson, J. L., Wheat Centre.....			1,507
All other operators.....			172
Total.....	7,984	4,908	6,623
<b>CAMROSE DISTRICT—</b>			
Canadian Dinant Coal Co., Ltd., Dinant.....	25,632	28,091	27,894
Stoney Creek Collieries, Ltd., Camrose.....	7,450	7,279	7,823
All other operators.....	2,363	5,865	6,639
Total.....	35,445	41,235	42,356
<b>CARBON DISTRICT—</b>			
Bullock Coal Co., Ltd., Carbon.....	5,488	7,498	8,620
Canadian Dinant Coal Co., Three Hills.....	10,309	14,593	15,966
Oiphant, J. H., Carbon.....	6,354	8,801	16,881
Palisade Coal Mining Co., Ltd., Three Hills.....	8,428	1,850	
Peerless Carbon Collieries, Carbo.....	51,809	45,815	37,557
All other operators.....	8,630	7,274	9,370
Total.....	91,018	85,831	88,394
<b>CASTOR DISTRICT—</b>			
	24,662	24,319	37,118
<b>CHAMPION DISTRICT—</b>			
	12,511	12,113	17,321
<b>DRUMHELLER DISTRICT—</b>			
Acta Coal Co., Ltd., Drumheller.....	17,053	37,142	45,580
Alberta Block Coal Co., Ltd., Drumheller.....	49,371	20,759	10,736
Atlas Coal Co., Ltd., East Coulee.....	120,113	85,680	110,034
Brilliant Coal Co., Ltd. (formerly Drumheller Consolidated Collieries, Ltd.), Drumheller.....	23,381	1,950	12,585
Elgin Coal Co., Ltd., Drumheller.....	28,200	13,962	5,596
Empire Collieries Ltd. (formerly Albion Coal Co., Ltd., and Arcadia Coal Co.), East Coulee.....	50,729	54,766	90,071
Excelsior Collieries, Ltd., Wayne.....	17,277	10,992	30,919
Great West Coal Co., Ltd. (Star Mine), Aerial.....	47,239	54,702	52,993
Hy-Grade Coal Co. of Drumheller, Ltd., Drumheller.....	77,255	60,515	61,615
Ideal Coal Co., Ltd., Wayne.....	63,453	31,300	27,156
Jewel Collieries, Ltd., Wayne.....	91,031	64,234	53,953
Maple Leaf Minerals Ltd., Drumheller.....	27,273	37,906	57,302
Midland Coal Mining Co., Ltd., Midlandvale.....	157,852	128,137	156,615
Murray Collieries, Ltd., East Coulee.....	75,573	47,869	78,446
Newcastle Coal Co., Ltd., Drumheller.....	83,958	50,099	84,214
Newcastle Junior Mining Co., Ltd., Drumheller.....	11,313	1,129	
Rosedale Coal Co., Ltd., Rosedale.....	133,559	72,086	78,225
Rose Deer Coal Mining Co., Ltd., Wayne.....	82,910	57,693	68,589
Sovereign Coal Mining Co., Ltd., Wayne.....	40,250	38,048	31,394
Superior Grade Coal Co., Ltd., Wayne.....	12,425	19,105	22,253
Thomas Coal Co., Ltd., The, Drumheller.....	90,395	73,190	83,625
Triangle Coal Co., Drumheller.....	6,895	1,472	
Western Gem Coal Co., Ltd., Drumheller.....	117,211	93,415	74,302
All other operators.....	8,157	7,578	9,470
Total.....	1,432,873	1,070,710	1,245,673
<b>EDMONTON DISTRICT—</b>			
Bush Mines, Ltd., Edmonton.....	23,622	25,175	41,266
Dawson Coal Co., Ltd., Edmonton.....	16,490	14,732	16,437
Beverly, Ltd., Edmonton.....		330	23,019
Edina Coal Co., Ltd. (formerly Premier Coal Co., Ltd.), Edmonton.....	10,465	8,004	15,732
Fridel Red Hot Coal Co., Edmonton.....	2,511	3,718	7,513
Fraser-Mackay Collieries, Ltd., 10055-101st St., Edmonton.....	60,883	47,458	48,635
Gibb, W. E., Edmonton.....	13,185	21,467	25,691
Great West Coal Co., Ltd. (Black Diamond Mine), Edmonton.....	85,974	70,552	84,474
Keith and Fulton Coal Co., Edmonton.....	3,135	2,034	4,874
McDonell & Gwilliam, Namao.....	3,675	6,847	6,098
Marcus Coal Mines, Ltd., Edmonton.....	57,206	56,692	52,674
Ottewell Coal Co., Clover Bar.....	16,131	16,267	21,502
Pern, Mines Ltd. (Mine 147), Edmonton.....	28,636		
Penn, Mines Ltd. (Mine 632), Edmonton.....	25,188		
Penn, Coals Ltd. (formerly Sturgeon Valley Collieries Ltd.), Edmonton.....	43,610	61,057	55,653
Parker, L., Cardiff.....	4,610	6,346	6,539
Sinoski, M., Strathcona.....	5,802	6,107	7,474
All other operators.....	16,139	23,871	34,333
Total.....	417,262	370,857	452,814

Table 107.—Output of Coal by Principal Collieries in Alberta, 1930-1932  
(Average of 500 tons or more per month)—Continued

(Short tons)

Name and address	1930	1931	1932
<b>Lignite—Continued</b>			
GLEICHEN DISTRICT.....	3,057	3,166	5,058
HALCOURT DISTRICT.....	418	1,702	2,163
<b>LETHBRIDGE DISTRICT—</b>			
Canadian Pacific Railway Co., Dept. of Natural Resources, Calgary.....	264,295	161,985	167,565
City of Lethbridge Coal Mines, Lethbridge.....	12,546	15,135	13,118
Cadillac Coal Co., Ltd., Lethbridge.....	72,590	72,245	99,470
Coal Producers, Ltd., Calgary.....	182,930	90,430	79,408
Royal Lethbridge Collieries, Lethbridge.....	5,848	6,137	11,042
All other operators.....	7,086	12,817	16,544
Total.....	545,265	358,749	387,147
MAGRATH DISTRICT.....	971	1,750	1,788
MILK RIVER DISTRICT.....	1,362	3,854	4,091
PAKAN DISTRICT.....			196
PAKOWKI DISTRICT.....	2,101	1,602	2,717
<b>PEMBINA DISTRICT—</b>			
Lakeside Coals Ltd., Edmonton.....	35,722	29,461	34,158
Coal Producers, Ltd., Calgary.....	84,146	63,321	64,867
All other operators.....	105	77	76
Total.....	110,973	92,859	99,101
<b>REDCLIFF DISTRICT—</b>			
Gunderson Brick & Coal Co., Ltd. (formerly Redcliff Brick and Coal Co., Ltd.).....	15,360	13,434	12,900
Redcliff.....	9,821	11,674	11,148
Oiphant, John, Medicine Hat.....		12	16
All other operators.....			
Total.....	25,181	25,120	24,064
ROCHESTER DISTRICT.....	140	225	358
SEXSMITH DISTRICT.....		34	
<b>SHEERNESS DISTRICT—</b>			
Anderson, W. J., Sheerness.....	6,045	4,801	4,810
Warneboldt, Julius, Sheerness.....	4,051	5,847	5,279
All other operators.....	11,587	9,236	14,441
Total.....	21,683	19,864	24,530
STEVEVILLE DISTRICT.....			136
TABER DISTRICT.....	12,293	11,856	14,389
<b>TOFIELD DISTRICT—</b>			
Tofield Coal Co., Ltd., Tofield.....	107,684	96,880	87,105
Tredway & Co. (formerly Dodds Coal Co., Ltd.), Dodds.....		260	2,259
All other operators.....	4,248	4,694	6,283
Total.....	111,932	101,843	95,647

Table 107.—Output of Coal by Principal Collieries in Alberta, 1930-1932  
(Average of 500 tons or more per month)—Concluded

(Short tons)

Name and address	1930	1931	1932
<b>Lignite—Concluded</b>			
WETASKIWIN DISTRICT.....	105	175	190
WHITECOURT DISTRICT.....		25	8
Total lignite.....	2,873,703	2,246,366	2,575,041
<b>Total Alberta.....</b>	<b>5,755,528</b>	<b>4,564,015</b>	<b>4,870,648</b>

Table 108.—Tonnage Lost in Alberta Coal Mines, Showing by Districts the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1931 and 1932

District	Per cent produced	Per cent lost	Percentage lost through											
			Absenteeism		Lack of orders		Car shortage		Mine disability		Other causes			
			1931	1932	1931	1932	1931	1932	1931	1932	1931	1932	1931	1932
<b>BITUMINOUS—</b>														
Cascade.....	57	62	43	38	2.8	2.0	40.0	38.0					0.2	
Crowsnest.....	56	63	44	37			43.7	37.0					0.3	
Mountain Park.....	72	85	28	15	0.1	0.2	27.7	14.7					0.2	0.1
Nordegg.....	62	59	38	41			38.0	41.0						
Total bituminous.....	61	70	39	30	0.2	0.3	38.6	29.7					0.2	
<b>SUB-BITUMINOUS—</b>														
Conkspur.....	74	82	26	18	0.2		24.3	17.9					0.2	0.1
Pekisko.....	41	38	59	62			59.0	60.6					1.6	
Pincher.....	52	48	48	52			46.3	52.0					1.7	
Prairie Creek.....	60	75	40	25	0.1	1.0	39.6	24.0					0.3	
Saunders.....	33	41	67	59			66.7	59.0					0.3	
Total sub-bituminous.....	67	76	33	24	0.1	0.1	31.7	23.8					1.0	0.2
<b>LIGNITE—</b>														
Ardley.....	67	67	33	33			32.0	31.6					1.4	0.4
Big Valley.....	45	46	55	54			54.5	54.0					0.5	
Brooks.....	92	59	8	41			8.0	41.0						
Camrose.....	59	76	41	24			41.0	24.0						
Carbon.....	49	66	51	34			51.0	34.0						
Castor.....	61	62	39	38	0.2		38.8	38.0						
Champion.....	63	68	37	32			37.0	32.0						
Drumheller.....	52	59	48	41			47.5	40.3					0.2	0.6
Edmonton.....	69	71	31	29	1.2	1.1	29.8	27.2					0.5	0.2
Gleichen.....	74	46	26	54			24.3	54.0					1.7	
Halcourt.....	63	63	27	37			27.0	37.0						
Lethbridge.....	47	50	53	50	0.1	0.1	52.2	49.5					0.2	0.2
Magrath.....	71	72	29	28	0.2		19.4	27.1					0.6	8.8
Milk River.....	62	63	38	37			38.0	37.0						
Pakani.....	12			88				88.0						
Pakowki.....	48	58	52	42			52.0	42.0						
Pembina.....	62	64	38	36			38.0	35.8						0.2
Redcliff.....	55	54	45	46			43.3	46.0						
Stochester.....	53	79	47	21			47.0	18.1					2.9	
Sexsmith.....	58		42					42.0						
Sheerness.....	57	63	43	37	2.5	0.2	38.7	33.4					0.6	1.8
Steveville.....		54		46				46.0						
Taber.....	47	58	53	42	1.1	1.0	47.6	38.7					1.3	
Tofield.....	87	85	13	15			13.0	15.0					1.2	3.0
Wetaskiwin.....	33	30	67	70			67.0	70.0						1.1
Whitecourt.....	56	12	44	88			44.0	88.0						
Total lignite.....	55	61	45	39	0.2	0.1	44.3	38.5					0.0	0.4
<b>Total Alberta.....</b>	<b>58</b>	<b>65</b>	<b>42</b>	<b>35</b>	<b>0.3</b>	<b>0.2</b>	<b>41.2</b>	<b>34.4</b>					<b>0.1</b>	<b>0.3</b>

Table 109.—Total Disposition of Coal from Alberta Mines by Grades, 1931 and 1932

(Short tons)

	1931		1932				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
Supplied to employees for domestic consumption	32,688	88,201	13,997	19,679	3,510	63	37,249	94,907
Coal shipped as per Table 113	4,233,488	12,821,581	1,890,292	1,439,918	579,581	585,807	4,495,688	13,024,257
Used under colliery boilers	195,026	377,445	73,154	3,283	5,869	97,399	179,785	338,378
Used by companies' railroads	6,679	15,363	6,572	.....	536	60	7,168	16,154
Used in making coke at colliery							4,591	4,591
Used in making briquettes	14,123	52,962	.....	.....			12,629	14,259
Put on bank	31,514	92,353	22,157	8,406	2,630	9,008	42,291	41,647
Put on waste heap	89,455	.....	.....	.....			132,969	124,097
Total disposition	4,602,883	13,447,910	2,006,172	1,471,286	592,136	709,647	4,912,110	13,653,689
Lifted from bank	38,878	105,235	21,405	8,811	2,114	8,410	40,740	126,780
Lifted from waste			.....	.....		722	722	.....
Total output	4,564,015	13,342,675	1,981,767	1,462,475	590,022	700,515	4,870,648	13,526,309

Table 110.—Disposition of Bituminous Coal from Alberta Mines, 1931 and 1932

(Short tons)

	1931		1932				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
Supplied to employees for domestic consumption	14,511	38,117	11,620	3,319	.....	55	14,294	36,143
Coal shipped as per Table 114	1,221,576	5,913,622	1,371,812	19,419	14,822	206,402	1,612,455	5,104,029
Used under colliery boilers	81,611	252,292	57,130	.....	.....	17,042	74,172	218,677
Used by companies' railroads	1,065	3,679	1,121	.....	.....	.....	1,121	3,745
Used in making coke at colliery			.....	.....	.....	4,591	4,591	14,259
Used in making briquettes	14,123	52,962	.....	.....	.....	12,629	12,629	41,647
Put on bank	9,721	35,416	21,632	16	30	324	22,002	76,182
Put on waste heap	13,552	.....	.....	.....	.....	.....	13,707	.....
Total disposition	1,859,159	6,296,088	1,463,315	22,754	14,852	241,843	1,755,671	5,794,092
Lifted from bank	12,553	46,309	20,748	.....	.....	218	20,966	78,601
Total output	1,846,306	6,219,779	1,442,567	22,754	14,852	240,823	1,731,705	5,715,491

Table 111.—Disposition of Sub-Bituminous Coal from Alberta Mines, by Grades, 1931 and 1932

(Short tons)

	1931		1932				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
Supplied to employees for domestic consumption	1,632	5,268	1,016	477	475	.....	1,968	6,225
Coal shipped as per Table 115	380,469	1,144,531	250,950	90,909	60,813	29,974	432,616	1,262,238
Used under colliery boilers	39,147	49,209	15,806	210	431	12,108	28,556	49,708
Used by companies' railroads	4,460	8,820	4,778	.....	.....	.....	4,776	9,532
Put on bank	3,670	11,029	223	138	511	1,118	1,988	3,826
Put on waste heap	55,204	.....	.....	.....	.....	.....	92,597	.....
Total disposition	475,582	1,218,855	272,771	91,732	62,230	43,201	562,531	1,331,549
Lifted from bank	4,239	7,758	393	7	114	1,115	1,629	2,233
Total output	471,343	1,211,197	272,378	91,725	62,116	42,086	560,902	1,329,316

Table 112.—Disposition of Lignite Coal from Alberta Mines, 1931 and 1932  
(Short tons)

	1931		1932				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
Supplied to employees for domestic consumption.....	16,545	44,818	1,361	15,883	3,035	8	20,287	52,539
Coal shipped as per Table 116.....	2,124,363	5,763,428	267,530	1,329,590	503,956	349,431	2,450,507	6,357,990
Used under colliery boilers.....	83,268	75,947	218	3,073	5,438	68,248	76,977	69,993
Used by companies' railroads.....	1,151	2,766	675	—	536	601	1,271	2,837
Put on bank.....	18,123	45,908	302	8,254	2,089	7,656	18,301	41,069
Put on waste heap.....	20,699	—	—	—	—	—	26,565	—
<b>Total disposition.....</b>	<b>2,268,152</b>	<b>5,932,867</b>	<b>270,086</b>	<b>1,356,800</b>	<b>515,054</b>	<b>425,403</b>	<b>2,593,968</b>	<b>6,527,448</b>
Lifted from bank.....	21,786	51,168	264	8,804	2,000	7,077	18,145	45,946
Lifted from waste.....	—	—	—	—	—	722	722	—
<b>Total output.....</b>	<b>2,246,366</b>	<b>5,881,699</b>	<b>269,822</b>	<b>1,347,906</b>	<b>513,054</b>	<b>417,684</b>	<b>2,575,041</b>	<b>6,481,502</b>

Table 113.—Total Shipments of Coal from Alberta Mines, by Grades and Destination, 1931 and 1932

(Short tons)

Destination	1931					1932				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	195,619	377,150	218,557	197,018	985,344	196,891	425,548	252,182	220,822	1,095,443
Saskatchewan.....	96,532	515,683	152,390	139,196	903,801	86,986	673,421	192,743	149,499	1,102,649
British Columbia.....	4,798	84,920	46,192	35,925	171,835	6,059	81,810	39,344	17,444	144,663
Manitoba.....	77,422	205,708	63,778	96,139	443,107	40,839	216,556	66,043	161,021	484,459
Ontario.....	190	22,127	4,266	167	26,520	203	17,242	3,310	250	21,005
Quebec.....	—	67	33	—	100	—	—	135	—	135
United States.....	539	6,245	14,130	9,715	30,629	492	8,875	12,140	5,523	27,030
Railroads.....	1,622,476	9,741	7,914	28,711	1,668,812	1,558,822	16,325	13,829	31,248	1,620,224
<b>Total.....</b>	<b>1,992,576</b>	<b>1,221,701</b>	<b>507,260</b>	<b>506,871</b>	<b>4,233,408</b>	<b>1,890,292</b>	<b>1,439,918</b>	<b>579,591</b>	<b>585,807</b>	<b>4,495,608</b>

Table 114.—Shipments of Bituminous Coal from Alberta Mines, by Grades and Destination, 1931 and 1932

(Short tons)

Destination	1931					1932				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	52,276	2,287	1,287	11,322	67,172	13,447	2,437	1,161	10,513	27,558
Saskatchewan.....	25,760	5,348	1,082	21,552	53,742	26,869	5,131	1,029	23,867	56,896
British Columbia.....	4,101	1,958	610	34,920	41,589	2,153	1,817	552	16,587	21,109
Manitoba.....	47,021	3,592	3,442	65,187	119,242	15,853	1,896	1,552	127,718	147,019
Ontario.....	157	—	31	143	331	162	171	45	48	426
United States.....	539	819	189	8,958	10,505	161	607	48	5,197	6,013
Railroads.....	1,410,760	2,099	646	18,490	1,431,995	1,313,167	7,360	10,435	22,472	1,353,434
<b>Total.....</b>	<b>1,540,614</b>	<b>16,163</b>	<b>7,287</b>	<b>169,572</b>	<b>1,721,576</b>	<b>1,371,812</b>	<b>19,419</b>	<b>14,822</b>	<b>206,402</b>	<b>1,612,455</b>

Table 115.—Shipments of Sub-Bituminous Coal from Alberta Mines, by Grades and Destination, 1931 and 1932

(Short tons)

Destination	1931					1932				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	4,424	10,036	5,596	4,530	24,555	3,005	11,464	6,885	2,393	23,747
Saskatchewan.....	1,389	12,083	10,168	3,575	27,215	1,199	12,430	16,549	3,680	33,858
British Columbia.....	373	25,396	11,870	74	37,703	293	25,036	13,388	31	38,748
Manitoba.....	954	27,344	7,212	12,740	45,250	553	27,790	20,056	14,988	63,387
Ontario.....	33	5,385	374	.....	5,752	41	5,089	541	38	5,709
United States.....	.....	.....	.....	.....	204	.....	.....	.....	68	272
Railroads.....	211,716	7,642	7,268	10,221	236,847	245,655	8,965	3,394	8,776	266,790
Quebec.....	.....	67	.....	67	.....	.....	135	.....	.....	135
<b>Total.....</b>	<b>218,889</b>	<b>87,913</b>	<b>42,488</b>	<b>31,149</b>	<b>380,469</b>	<b>250,950</b>	<b>90,909</b>	<b>60,813</b>	<b>29,974</b>	<b>432,646</b>

Table 116.—Shipments of Lignite Coal from Alberta Mines by Grades and Destination, 1931 and 1932

(Short tons)

Destination	1931					1932				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	138,919	364,827	211,674	181,157	\$96,577	180,439	411,647	244,136	207,916	1,044,138
Saskatchewan.....	69,383	498,252	141,140	114,069	\$22,844	58,918	655,860	175,165	121,952	1,011,895
British Columbia.....	324	57,576	33,712	931	92,513	3,613	54,963	25,404	826	81,806
Manitoba.....	29,447	174,832	53,124	18,212	275,615	24,433	186,870	44,435	18,315	271,053
Ontario.....	16,742	3,861	24	.....	20,623	.....	11,982	2,724	164	14,870
Quebec.....	.....	33	.....	33	.....	.....	.....	.....	.....	.....
United States.....	5,426	13,941	757	.....	20,124	127	8,268	12,092	258	20,745
<b>Total.....</b>	<b>238,073</b>	<b>1,117,655</b>	<b>437,485</b>	<b>315,150</b>	<b>2,128,363</b>	<b>267,530</b>	<b>1,329,590</b>	<b>503,956</b>	<b>319,431</b>	<b>2,450,587</b>

Table 117.—Exports of Canadian Coal through Alberta Ports, 1928-1932

(Short tons)

	Port	1928	1929	1930	1931	1932
Lethbridge.....	.....	843	1,060	1,321	1,191	996
<b>Total.....</b>		<b>843</b>	<b>1,060</b>	<b>1,321</b>	<b>1,191</b>	<b>996</b>

Table 118.—Imports into Alberta of Anthracite and Bituminous Coal by Ports of Entry, 1931 and 1932

(Short tons)

Port	Source	1931					1932				
		Anthracite			Bitum-inous, all grades	Total	Anthracite			Bitum-inous, all grades	Total
		Grate, egg, stove, nut and pea	Buck-wheat, rice, and barley	Total			Grate, egg, stove, nut and pea	Screen- ings or dust	N.O.P.		
Calgary.....	U.S.....	.....	.....	229	229	.....	.....	.....	.....	240	240
Edmonton.....	U.S.....	.....	.....	641	641	.....	.....	3	3	576	579
Lethbridge.....	U.S.....	.....	.....	9	9	.....	.....	.....	.....	14	14
Medicine Hat.....	U.S.....	.....	.....	33	33	.....	.....	.....	.....	.....	.....
<b>Total.....</b>	<b>U.S.....</b>	<b>.....</b>	<b>.....</b>	<b>912</b>	<b>912</b>	<b>.....</b>	<b>.....</b>	<b>3</b>	<b>3</b>	<b>830</b>	<b>833</b>

Table 119.—Summary Statistics for 1932—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in Alberta 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.....	138,678	799	27,673	10	32	111,829
Sub-bituminous.....	59,268		20,151			39,115
Lignite.....	335,537		182,230	38		153,269
Total.....	533,481	799	230,054	48	32	304,210
February—						
Anthracite.....					3	3
Bituminous.....	178,510	1,081	28,867		52	150,776
Sub-bituminous.....	55,047		17,905			37,142
Lignite.....	335,481		183,807	77		151,597
Total.....	569,038	1,081	230,579	77	55	339,518
March—						
Bituminous.....	153,983	629	20,076			113
Sub-bituminous.....	42,278		8,975			33,303
Lignite.....	214,280		106,799	54		107,427
Total.....	410,541	629	135,850	54	113	275,379
April—						
Bituminous.....	125,124	784	10,907	6		114,095
Sub-bituminous.....	37,688		4,419			33,269
Lignite.....	90,183		38,117	34		52,032
Total.....	252,005	784	53,443	40		200,296
May—						
Bituminous.....	111,416	2,070	10,519	8	137	103,096
Sub-bituminous.....	34,668		3,830			30,830
Lignite.....	50,897		18,439	5		32,453
Total.....	196,979	2,070	32,794	13	137	166,379
June—						
Bituminous.....	157,441	3,135	9,737	6	120	150,953
Sub-bituminous.....	23,965		1,614			22,351
Lignite.....	51,448		21,778	3		29,669
Total.....	232,854	3,135	33,127	9	120	202,973
July—						
Bituminous.....	141,055	332	7,563	3	80	133,901
Sub-bituminous.....	16,433		3,195			13,238
Lignite.....	39,670		15,422	2		24,246
Total.....	197,158	332	26,180	5	80	171,385
August—						
Bituminous.....	125,027	552	9,901		103	110,681
Sub-bituminous.....	30,692		9,180			21,512
Lignite.....	108,577		55,773			52,804
Total.....	265,696	552	74,854		103	190,997
September—						
Bituminous.....	150,957	423	17,984	9	72	133,459
Sub-bituminous.....	49,816		15,736			34,080
Lignite.....	230,386		137,564	93		92,729
Total.....	431,159	423	171,284	102	72	260,208
October—						
Bituminous.....	149,496	605	23,158	144		126,799
Sub-bituminous.....	68,942		18,682			50,250
Lignite.....	430,266		266,171	132		169,963
Total.....	654,704	605	308,021	276		347,012
November—						
Bituminous.....	140,273	717	27,809	70	32	119,143
Sub-bituminous.....	68,773		18,028			50,745
Lignite.....	362,345		191,660	153		170,532
Total.....	577,391	717	237,497	223	32	340,420
December—						
Bituminous.....	155,845	104	31,256	31	89	124,751
Sub-bituminous.....	73,336		20,106			53,230
Lignite.....	318,971		167,866	118		151,987
Total.....	549,152	104	219,228	149	89	329,968
Total—						
Anthracite.....					3	3
Bituminous.....	1,731,705	11,231	225,450	287	830	1,521,029
Sub-bituminous.....	568,902		141,837			419,065
Lignite.....	2,575,041		1,385,624	709		1,188,708
Total.....	4,876,648	11,231	1,752,911	996	833	3,128,805

Table 120.—Employees, Salaries and Wages, in the Coal Mines of Alberta, by Districts, 1932

District	Average number of employees					Salaries and wages		
	Salaried employees		Wage-earners			Salaries	Wages	Total
	Male	Female	Surface	Under-ground	Total			
<b>BITUMINOUS—</b>								
Cascade.....	19	1	73	222	315	53,909	315,962	369,871
Crownnest.....	136	5	352	996	1,489	299,767	1,202,631	1,502,398
Mountain Park.....	77	8	224	514	823	199,762	1,078,348	1,278,110
Nordegg.....	20	1	89	162	272	44,536	235,503	280,039
Total bituminous.....	252	16	738	1,894	2,899	597,974	2,832,444	3,430,418
<b>SUB-BITUMINOUS—</b>								
Coalspur.....	26	3	255	160	444	89,008	563,649	652,657
Pekisko.....	.....	.....	3	5	8	.....	2,812	2,812
Pincher.....	.....	.....	3	8	11	.....	4,784	4,784
Prairie Creek.....	5	.....	37	96	138	9,700	170,842	180,542
Saunders.....	12	.....	22	63	97	25,888	90,335	116,223
Total sub-bituminous.....	43	3	320	332	698	124,596	832,452	957,048
<b>LIGNITE—</b>								
Arbley.....	2	.....	8	31	41	3,600	19,709	23,309
Big Valley.....	.....	.....	11	9	20	.....	6,076	6,076
Brooks.....	1	.....	6	6	13	3,200	10,117	13,317
Camrose.....	8	.....	16	49	73	17,502	43,603	61,105
Carbon.....	7	1	29	123	160	10,826	133,927	144,753
Castor.....	4	.....	12	63	79	1,799	45,849	47,648
Champion.....	2	.....	6	42	50	1,666	28,816	30,482
Drumheller.....	109	8	346	1,549	2,012	268,837	1,879,417	2,148,254
Edmonton.....	62	4	126	564	758	99,300	529,118	628,416
Gleichen.....	1	.....	1	10	12	1,600	8,049	9,649
Haldoncourt.....	1	.....	.....	8	9	600	3,708	4,308
Lethbridge.....	41	4	280	864	1,189	91,042	842,440	933,482
Magrath.....	.....	3	5	8	11	.....	3,750	3,750
Milk River.....	.....	1	7	14	21	.....	7,173	7,173
Pakan.....	7	.....	7	7	14	.....	100	100
Pakowki.....	.....	3	8	11	21	.....	3,661	3,661
Pembina.....	12	.....	39	85	136	23,282	107,924	131,206
Radcliff.....	6	.....	9	35	50	8,600	22,304	30,904
Rochester.....	.....	1	1	2	3	.....	500	500
Sheerness.....	2	.....	26	25	53	4,000	24,509	28,509
Steveville.....	.....	.....	1	1	2	.....	250	250
Taber.....	.....	.....	12	34	46	.....	19,943	19,943
Tofield.....	12	.....	65	6	71	33,660	69,680	103,340
Wataskiwin.....	.....	.....	.....	2	2	.....	150	150
Whitecourt.....	.....	.....	.....	.....	.....	.....	.....	.....
Total lignite.....	270	17	1,013	3,527	4,827	569,514	3,810,771	4,380,285
<b>Total Alberta.....</b>	<b>565</b>	<b>35</b>	<b>2,071</b>	<b>5,753</b>	<b>8,424</b>	<b>1,292,984</b>	<b>7,475,667</b>	<b>8,767,751</b>

Table 121.—Employees, Salaries and Wages in the Coal Mines of Alberta by Districts, 1931

District	Average number of employees					Salaries and wages		
	Salaried employees		Wage-earners			Total	Salaries	Wages
	Male	Female	Surface	Under-ground				
PBITUMINOUS—							\$	\$
Cascade	21	1	86	229	337	62,270	329,414	391,684
Crowsnest	134	6	439	1,284	1,863	339,088	1,536,264	1,875,352
Mountain Park	52	8	199	501	760	162,358	923,181	1,085,535
Nordegg	19	1	91	200	311	46,297	294,847	341,144
Total bituminous	226	16	815	2,214	3,271	610,013	3,083,706	3,693,719
SUB-BITUMINOUS—								
Coalspur	30	3	248	188	467	93,051	553,670	646,721
Morley				2	4			
Pekisko				3	8	6	1,690	1,690
Pincher				29	56	11	4,928	4,928
Prairie Creek	6			26	91	13,562	99,186	112,748
Saunders	12			77	115	20,758	94,770	121,528
Total sub-bituminous	48	3	306	333	690	133,371	754,244	887,615
LIGNITE—								
Ardley				7	18	25		
Big Valley				2	8	10	4,077	4,077
Brooks	1			2	6	9	3,600	12,208
Camrose	6			15	43	64	13,098	44,074
Carbon	8			33	144	185	13,195	112,653
Castor	1			8	49	58	324	24,852
Champion				3	32	35	22,024	22,024
Drumheller	116	8	347	1,507	1,978	260,877	1,737,555	1,998,432
Edmonton	57	6	103	448	614	84,325	463,334	547,659
Gleichen				2	6	8	4,455	4,455
Halcourt					6	6	2,507	2,507
Lethbridge	44	6	283	922	1,255	102,043	810,864	912,907
Magrath				3	5	8	1,585	1,585
Milk River				5	8	13	6,529	6,529
Pakowki				1	5	6	2,739	2,739
Pembina	13	2	43	86	144	22,669	118,628	141,297
Redcliff	2		8	35	45	3,868	28,487	32,335
Rochester					1	1	450	450
Sexsmith							80	80
Sheerness				27	23	50	20,708	20,708
Slave Lake								
Steveville				12	29	41		
Taber				64	5	75	16,290	16,290
Tofield	6						94,728	105,990
Wainwright					2	2		
Wetaskiwin							150	150
Whitecourt							50	50
Total lignite	254	22	968	3,388	4,632	515,261	3,538,408	4,053,669
<b>Total Alberta</b>	<b>578</b>	<b>41</b>	<b>2,089</b>	<b>5,935</b>	<b>8,593</b>	<b>1,258,645</b>	<b>7,376,358</b>	<b>8,635,003</b>

Table 122.—Employment and Earnings in the Coal Mines of Alberta, 1928-1932

		1928	1929	1930	1931	1932
Average number of wage-earners—						
Surface		2,371	2,449	2,279	2,089	2,071
Underground		6,909	7,085	6,570	5,935	5,753
<b>Total</b>		<b>9,280</b>	<b>9,534</b>	<b>8,849</b>	<b>8,024</b>	<b>7,824</b>
Days' work done—						
Surface		614,152	638,771	540,522	445,753	477,200
Underground		1,614,013	1,570,369	1,233,052	928,713	1,001,094
<b>Total</b>		<b>2,228,165</b>	<b>2,209,110</b>	<b>1,773,575</b>	<b>1,374,466</b>	<b>1,479,194</b>
Average number of days worked per man per year—						
Surface		272	261	237	213	230
Underground		234	222	187	156	174
<b>By all wage-earners</b>		<b>243</b>	<b>232</b>	<b>200</b>	<b>171</b>	<b>189</b>
<b>Total wages paid</b>		<b>\$ 13,089,846</b>	<b>\$ 13,128,467</b>	<b>\$ 10,967,115</b>	<b>\$ 7,376,358</b>	<b>\$ 7,475,667</b>

Table 123.—Wage-Earners Employed, and Work Done by Months in the Coal Mines of Alberta in 1932

Month	Number of wage-earners			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	2,349	7,254	9,603	45,409	107,847	153,256
February.....	2,305	6,975	9,280	45,752	113,696	159,448
March.....	2,046	5,911	7,957	38,597	81,356	119,933
April.....	1,600	3,825	5,485	30,535	50,521	81,036
May.....	1,623	3,777	5,400	28,351	38,990	67,341
June.....	1,529	3,679	5,288	30,107	47,256	77,363
July.....	1,593	3,556	5,149	29,260	43,990	73,259
August.....	1,854	4,543	6,397	34,005	59,128	93,133
September.....	2,140	6,248	8,388	42,623	96,212	138,835
October.....	2,475	7,586	10,061	50,948	132,819	183,768
November.....	2,714	7,872	10,586	52,744	117,372	170,116
December.....	2,569	7,808	10,377	48,868	112,807	161,675
<b>Total.....</b>				<b>477,200</b>	<b>1,001,991</b>	<b>1,479,194</b>

Table 124.—Number of Man-Days' Work Done by Districts in Alberta Coal Mines, 1931 and 1932

District	1931			1932		
	Surface	Under-ground	Total	Surface	Under-ground	Total
<b>BITUMINOUS—</b>						
Brûlé.....						
Cascade.....	19,741	35,152	54,893	19,254	33,601	52,855
Crowsnest.....	91,812	205,931	297,743	80,565	159,800	210,365
Mountain Park.....	50,972	100,444	151,416	61,005	130,309	191,314
Nordegg.....	24,424	30,134	54,558	21,671	23,365	45,036
<b>Total bituminous.....</b>	<b>186,948</b>	<b>371,661</b>	<b>558,610</b>	<b>182,495</b>	<b>347,075</b>	<b>529,570</b>
<b>SUB-BITUMINOUS—</b>						
Conspur.....	62,905	25,845	88,840	74,413	25,346	99,759
Morley.....						
Pekisko.....	249	506	755	455	626	1,081
Pincher.....	446	1,257	1,703	528	1,404	1,932
Prairie Creek.....	6,028	10,874	16,902	8,748	21,839	30,587
Saunders.....	3,094	7,603	10,697	3,636	8,747	12,383
<b>Total sub-bituminous.....</b>	<b>72,812</b>	<b>46,085</b>	<b>118,897</b>	<b>87,780</b>	<b>57,962</b>	<b>145,742</b>
<b>LIGNITE—</b>						
Ardley.....	1,233	3,632	4,865	1,781	6,107	7,888
Big Valley.....	220	1,128	1,348	799	1,527	2,326
Brooks.....	600	1,621	2,221	920	1,523	2,443
Camrose.....	3,076	8,437	11,513	4,446	10,625	15,671
Carbon.....	5,145	21,182	26,327	6,593	23,696	30,289
Castor.....	1,602	8,427	10,029	2,725	11,397	14,122
Champion.....	846	5,677	6,523	1,444	8,553	9,997
Drumheller.....	62,522	227,597	290,119	70,714	263,940	334,654
Edmonton.....	24,285	91,453	115,740	29,868	119,170	119,038
Gleichen.....	409	1,380	1,789	433	2,049	2,482
Halcourt.....	48	1,238	1,286	62	1,593	1,653
Lethbridge.....	51,473	105,757	157,230	49,007	111,557	160,564
Magrath.....	436	1,159	1,595	490	985	1,475
Milk River.....	869	1,204	2,073	1,550	979	2,529
Pakana.....				349		349
Pakowki.....	173	782	955	531	1,135	1,666
Pembina.....	9,327	14,540	23,867	9,214	14,015	23,229
Redcliff.....	1,368	6,048	7,416	1,516	5,784	7,300
Rochester.....	32	96	124	260	121	381
Sexsmith.....		30	30			
Sheerness.....	3,322	4,051	7,373	4,345	4,844	9,189
Steveville.....				5	119	124
Taber.....	1,313	4,365	5,678	2,033	5,936	7,969
Tofield.....	17,664	963	18,627	17,833	1,173	19,006
Wetaskiwin.....	14	170	184	7	123	130
Whitecourt.....	15	28	43		6	6
<b>Total lignite.....</b>	<b>185,992</b>	<b>510,967</b>	<b>696,959</b>	<b>206,925</b>	<b>506,957</b>	<b>803,882</b>
<b>Total Alberta.....</b>	<b>445,753</b>	<b>928,713</b>	<b>1,374,466</b>	<b>477,200</b>	<b>1,001,991</b>	<b>1,479,194</b>

Table 125.—Wage-Earners Employed in Alberta Coal Mines, by Classes, 1931 and 1932

Classification	1931			1932		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	81	8	89	77	4	81
Foremen and clerks.....	210	4	214	224	360	584
Officials.....	8	333	341			
Screenmen and loaders.....	688		688	730		730
Hand cutters and helpers.....		1,867	1,867		1,743	1,743
Machine cutters and helpers.....		363	363		392	392
Machine loaders and helpers.....		1,683	1,683		1,668	1,668
Horse hauling employees.....	20	490	510	19	452	471
Mechanical hauling employees.....	49	291	340	53	275	328
Ventilation employees.....	2	77	79	1	63	64
Roadmakers.....	5	145	150	3	128	131
Timbermen.....		244	244		217	217
Pumpmen.....	2	39	41	2	41	43
Chute loaders.....		135	135		132	132
Enginemen.....	155		155	155		153
Firemen.....	103		103	100		100
Machinists.....	64	6	70	56	6	62
Carpenters and masons.....	47	1	48	42		42
Other mechanics.....	85	5	90	71	7	78
All other employees.....	570	244	814	540	265	805
<b>Total.....</b>	<b>2,089</b>	<b>5,935</b>	<b>8,024</b>	<b>2,071</b>	<b>5,753</b>	<b>7,824</b>

Table 126.—Capital Employed in the Coal Mines of Alberta, 1931 and 1932

	1931	1932
	\$	\$
<b>Capital employed as represented by—</b>		
Cost of lands, buildings, machinery and tools.....	41,137,728	36,803,903
Cost of supplies and stock on hand.....	1,360,120	1,324,810
Cash, trading and operating accounts and bills receivable.....	6,421,881	5,826,217
<b>Total.....</b>	<b>48,919,729</b>	<b>43,934,930</b>

## CHAPTER TEN

## BRITISH COLUMBIA

British Columbia coal mines produced 1,681,490 tons in 1932 as compared with 1,876,406 tons in 1931. This 10·4 per cent decline brought the 1932 output down to the 1903 level. The falling off in output was general in the three coal-producing districts and was due principally to lessened demand by industrial users on account of the general business curtailment. A decrease in domestic demand was noted also and was directly attributable to the same cause.

Mines in operation during the year produced only 63 per cent of their possible output; the 1931 production represented 67 per cent of the possible mine output. Lack of orders accounted for 35·8 per cent of the total tonnage lost during recognized operating periods in 1932.

Production in the Crow's Nest Pass district declined 12·1 per cent in 1932 to 621,431 tons. Inland district mines produced 221,172 tons or 7·2 per cent below their 1931 total. The Island district output of 838,887 tons was 9·9 per cent under the tonnage mined in the preceding year.

Shipments from British Columbia mines in 1932 for consumption within the province showed a 3·2 per cent falling off to 644,189 tons from the 1931 total of 665,761 tons. Railroad coal purchases were at approximately the same level as in 1931, namely, 554,017 tons and accounted for 39 per cent of the total mine shipments as compared with 36·9 per cent in the preceding year, and 37·1 per cent in 1930. The remainder of the coal was shipped to Saskatchewan, Manitoba, the United States, Alaska, Alberta and for ships' bunkers. The Saskatchewan market absorbed 54,993 tons or 17·6 per cent less than in 1931. Shipments to Manitoba totalled 54,135 tons as against 57,562 tons a year ago.

British Columbia coal mines furnished employment on the average to 3,684 wage-earners who received a total remuneration of \$3,772,062. These wage-earners worked 780,567 man-days during the year or an average of 212 days per man. The 1931 employees worked 847,773 man-days or an average of 218 days per man.

Fifty-three compressed air machines and three electric machines were used in 1932 by British Columbia mines to produce 363,404 tons of coal or 21·6 per cent of the total tonnage mined.

A review of the coal mining situation in this province, by the British Columbia Bureau of Mines, follows: "Importations of coal from outside British Columbia declined 28 per cent in 1932. From available figures the fuel oil consumption in the province declined approximately 12 per cent in quantity as compared with 1931. It is apparent, therefore, that British Columbia collieries are capturing a larger share of the available market than in previous years. Lowered prices, better attention to marketing practice, and the "Buy Home Products" campaign are assisting coal production, even though output declined 10 per cent in 1932. With a return to better times the coal production of the province should increase."

The British Columbia "Coal Sales Act" which was proclaimed in 1931 necessitated considerable work during 1932 on the part of the British Columbia Mine Inspection Staff to see that all coal was sold under its proper registered name and to prevent the substitution of lower-priced and inferior coals for higher-priced coals.

In September, 1932, the Granby Consolidated Mining, Smelting and Power Company's coal mine at Cassidy was abandoned.

Table 127.—Output of Coal from British Columbia Mines, 1836-1932

(Short tons)

Calendar year	Output	Value	Calendar year	Output	Value	Calendar year	Output	Value
		\$			\$			\$
1836-1866.....	214,410	765,748	1889.....	636,430	1,704,747	1912.....	3,208,997	10,028,116
1867.....	34,088	124,956	1890.....	767,586	2,056,035	1913.....	2,714,420	8,482,562
1868.....	49,286	176,020	1891.....	1,130,227	3,027,528	1914.....	2,239,799	6,999,374
1869.....	40,098	143,208	1892.....	937,218	2,510,406	1915.....	2,065,613	6,455,041
1870.....	33,424	119,372	1893.....	1,093,980	2,930,304	1916.....	2,584,061	8,075,190
1871.....			1894.....	1,112,628	2,980,254	1917.....	2,433,888	8,235,716
1872.....	166,274	593,836	1895.....	1,058,045	2,834,049	1918.....	2,568,589	11,494,681
1873.....			1896.....	1,003,769	2,688,666	1919.....	2,649,516	13,512,532
1874.....	90,788	243,183	1897.....	1,019,390	2,730,510	1920.....	3,095,011	18,105,814
1875.....	109,361	292,932	1898.....	1,263,680	3,384,858	1921.....	2,890,291	15,676,774
1876.....	157,007	420,555	1899.....	1,431,101	3,833,307	1922.....	2,927,033	14,622,317
1877.....	156,455	419,076	1900.....	1,791,833	4,799,533	1923.....	2,823,306	13,813,520
1878.....	213,750	572,544	1901.....	1,919,488	5,141,487	1924.....	2,193,667	10,601,998
1879.....	280,277	697,170	1902.....	1,808,441	4,844,040	1925.....	2,742,252	11,720,373
1880.....	305,045	817,086	1903.....	1,676,581	4,499,844	1926.....	2,613,719	10,612,915
1881.....	257,056	688,542	1904.....	1,862,625	4,989,174	1927.....	2,746,243	10,934,777
1882.....	323,201	865,716	1905.....	1,945,452	5,211,030	1928.....	2,804,594	11,094,353
1883.....	240,075	643,059	1906.....	2,146,262	5,748,915	1929.....	2,490,378	10,160,789
1884.....	441,130	1,181,598	1907.....	2,364,898	7,390,306	1930.....	2,083,818	8,421,572
1885.....	372,987	999,072	1908.....	2,333,708	7,292,838	1931.....	1,876,406	7,150,906
1886.....	375,415	1,005,576	1909.....	2,606,127	8,144,147	1932.....	1,681,490	6,392,801
1887.....	480,142	1,302,165	1910.....	3,330,745	10,408,580			
1888.....	539,467	1,445,001	1911.....	2,542,532	7,945,413	Total .....	96,082,482	343,195,617

\* The tonnage shown for 1919-1932 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 128.—Output of Coal from British Columbia Mines, by Months, 1928-1932

(Short tons)

Month	1928	1929	1930	1931	1932
January.....	256,937	233,706	207,324	166,369	153,154
February.....	251,461	225,926	199,579	146,485	171,911
March.....	248,262	214,432	175,394	153,241	159,870
April.....	214,264	220,641	161,136	135,976	147,194
May.....	225,458	211,637	157,604	131,775	127,712
June.....	251,128	210,820	213,322	194,382	168,105
July.....	199,309	169,489	137,616	138,318	111,601
August.....	228,515	184,783	136,685	137,886	114,826
September.....	211,577	198,420	160,540	145,079	125,834
October.....	243,852	212,934	182,110	103,423	122,428
November.....	244,984	202,645	169,530	171,791	126,287
December.....	228,797	204,945	182,578	191,681	152,568
Total.....	2,804,594	2,490,378	2,083,818	1,876,406	1,681,490

Table 129.—Output of Coal by Districts in British Columbia, 1928-1932  
(Short tons)

District	1928	1929	1930	1931	1932
Crow's Nest Pass.....	1,007,390	962,552	738,370	707,277	621,431
Inland.....	277,464	273,054	237,978	238,354	221,431
Island.....	1,429,740	1,254,772	1,107,470	930,775	838,887
<b>Total.....</b>	<b>2,804,594</b>	<b>2,190,378</b>	<b>2,083,818</b>	<b>1,876,406</b>	<b>1,681,490</b>

Table 130.—Output of Coal by Principal Collieries in British Columbia, 1930-1932  
(Average of 500 tons or over per month)

(Short tons)

Name	Address	1930	1931	1932
<b>CROW'S NEST PASS DISTRICT—</b>				
Corbin Collieries, Ltd.....	Corbin.....	205,447	254,547	274,001
Crow's Nest Pass Coal Co., Ltd.....	Fernie.....	532,923	452,730	347,430
<b>Total.....</b>		<b>738,370</b>	<b>707,277</b>	<b>621,431</b>
<b>INLAND DISTRICT—</b>				
Coalmont Collieries, Ltd.....	Coalmont.....	116,485	111,789	107,412
Blue Flame Colliery.....	Princeton.....	12,248	13,037	11,780
Middleboro Collieries, Ltd.....	Merritt.....	40,681	32,198	23,257
Pleasant Valley Mining Co., Ltd.....	Princeton.....	21,663	14,112	16,346
Tulameen Coal Mines, Ltd.....	Princeton.....	45,705	64,671	57,965
All other operators.....		1,130	2,547	4,412
<b>Total.....</b>		<b>237,978</b>	<b>238,354</b>	<b>221,172</b>
<b>ISLAND DISTRICT—</b>				
Canadian Collieries (Dunsmuir) Ltd.....	Nanaimo.....	508,576	440,021	365,714
Chambers, R. H. (Little Ash Mine).....	Nanaimo.....	6,261	2,392	.....
Granby Consolidated Mining, Smelting and Power Co., Ltd.....	Cassidy.....	160,516	127,675	69,919
Western Fuel Corporation of Canada, Ltd.....	Nanaimo.....	414,246	352,373	394,595
All other operators.....		11,871	8,314	8,650
<b>Total.....</b>		<b>1,107,470</b>	<b>930,775</b>	<b>838,887</b>
<b>Total British Columbia.....</b>		<b>2,083,818</b>	<b>1,876,406</b>	<b>1,681,490</b>

Table 131.—Tonnage Lost in British Columbia Mines, Showing by Districts the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1931 and 1932

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.....	1931	56	41	0.1	43.6	.....	.....	0.3
	1932	53	47	.....	46.9	.....	.....	0.1
Inland.....	1931	82	18	0.2	14.9	2.6	.....	0.3
	1932	76	24	.....	17.8	5.7	.....	0.5
Island.....	1931	73	27	0.5	26.4	.....	.....	0.1
	1932	71	29	0.5	28.5	.....	.....	.....
<b>British Columbia.....</b>	<b>1931</b>	<b>67</b>	<b>33</b>	<b>0.2</b>	<b>37.5</b>	<b>0.2</b>	<b>.....</b>	<b>0.1</b>
	<b>1932</b>	<b>63</b>	<b>37</b>	<b>0.2</b>	<b>35.8</b>	<b>0.8</b>	<b>.....</b>	<b>0.2</b>

Table 132.—Disposition of Coal from British Columbia Mines by Grades, 1931 and 1932  
(Short tons)

Description	1931					1932				
	Run-of-mine	Screened	Slack	Total		Run-of-mine	Screened	Slack	Total	
				Short tons	Value				Short tons	Value
Supplied to employees for domestic consumption.....	1,200	17,594	.....	18,794	62,517	1,290	18,353	.....	19,643	64,239
Shipped as per Table 133.....	349,514	736,080	413,615	1,499,219	6,138,647	353,270	816,741	250,561	1,420,572	5,821,283
Used under colliery boilers, etc.....	24,860	68,376	29,574	122,810	364,631	21,533	68,116	27,756	117,405	329,709
Used by companies' railroads.....	5,450	5,972	.....	11,422	42,987	5,527	5,275	.....	10,802	40,368
Used in making coke at colliery.....	.....	110,219	110,219	.....	391,283	.....	.....	47,640	47,640	166,368
Put on bank.....	3,389	61,340	3,438	68,167	257,752	3,249	38,822	3,178	45,249	181,514
Put on waste heap.....	.....	.....	87,999	.....	.....	.....	.....	.....	71,716	.....
<b>Total disposition....</b>	<b>384,413</b>	<b>889,372</b>	<b>556,846</b>	<b>1,918,630</b>	<b>7,257,217</b>	<b>384,869</b>	<b>947,307</b>	<b>329,135</b>	<b>1,733,027</b>	<b>6,591,481</b>
Lifted from bank.....	4,094	16,252	21,878	42,224	106,224	3,342	38,335	8,029	49,706	201,680
Lifted from waste heap.....	.....	.....	.....	.....	.....	.....	1,831	1,831	.....	.....
<b>Total output.....</b>	<b>380,319</b>	<b>873,128</b>	<b>534,968</b>	<b>1,876,106</b>	<b>7,159,996</b>	<b>381,527</b>	<b>908,972</b>	<b>319,275</b>	<b>1,681,190</b>	<b>6,392,501</b>

Table 133.—Shipments of Coal from British Columbia Mines by Grades and Destinations, 1931 and 1932

(Short tons)

Destination	1931				1932			
	Run-of-mine	Screened	Slack	Total	Run-of-mine	Screened	Slack	Total
British Columbia.....	23,982	489,379	152,400	665,761	12,606	510,536	121,047	644,189
Alberta.....	6,518	144	27,585	34,242	3,801	116	7,314	11,231
Saskatchewan.....	8,993	1,221	56,511	66,725	7,480	1,304	46,209	54,993
Manitoba.....	3,937	1,585	52,040	57,562	4,170	2,410	47,555	54,135
Ontario.....	42	.....	30	72	.....	.....	.....	.....
United States.....	607	32,188	18,575	51,370	875	22,302	17,765	40,942
Alaska.....	.....	18,022	.....	18,022	.....	14,779	.....	14,779
Railroads.....	305,435	140,782	106,474	552,691	324,338	219,008	10,671	554,017
Bunker.....	.....	52,769	.....	52,769	.....	46,286	.....	46,286
<b>Total.....</b>	<b>349,514</b>	<b>736,080</b>	<b>413,615</b>	<b>1,499,219</b>	<b>353,270</b>	<b>816,741</b>	<b>250,561</b>	<b>1,420,572</b>

Table 134.—Exports of Canadian Coal through British Columbia Ports, 1928-1932  
(Short tons)

Port	1928	1929	1930	1931	1932
Abbotsford.....	2,019	367	278	218	77
Cranbrook.....	66,650	65,697	65,287	51,816	48,389
Fernie.....	244,557	235,186	60,732	27,073	9,329
Grand Forks.....		10	45		
Nanaimo.....	165,341	155,130	111,468	67,971	62,273
New Westminster.....	342	451	153	2	160
Penticton.....	1,210	1,292	1,189	817	287
Prince Rupert.....	367	103	414	164	77
Vancouver.....	47	54		48	284
Victoria.....					
Total.....	480,533	458,290	239,566	148,109	120,876

Table 135.—Imports into British Columbia of Anthracite, Bituminous and Lignite Coal by Ports of Entry, 1931 and 1932

(Short tons)

Port	Source	1931					1932				
		Anthracite		Lignite	Bitum- inous, all grades	Total	Anthracite			Lignite	Bitum- inous, all grades
		Grate, egg, stove, nut and pea	Buck- wheat, rice, and barley				Grate, egg, stove, nut and pea	Screen- ings or dust	N.O.P.		
Abbotsford.....	U.S.		2		103	105					
Cranbrook.....	U.S.										
Fernie.....	U.S.										
Grand Forks.....	U.S.				81	81					
Greenwood.....	U.S.										
Nanaimo.....	U.S.										
Nelson.....	U.S.										
New Westminster.....	U.S.										
Penticton.....	U.S.										
Prince Rupert.....	U.S.										
Revelstoke.....	U.S.										
Vancouver.....	U.S.										
	G.B.										
	French										
Victoria.....	E. Ind.										
	U.S.										
	G.B.										
Total.....	U.S.		33	6,387	2,298	8,718				2,780	2,424
	G.B.									2	1,156
	French										
	E. Ind.										700
Grand total.....			33	6,387	2,298	8,718				702	3,578
											7,060

**Table 136.—Summary Statistics for 1932—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in British Columbia by Months and by Kinds**

(Short tons)

Month	Canadian coal			Im- ported from United States	Im- ported from Great Britain	Im- ported from French E. Indies	Coal available for con- sumption
	Output	Received from other provinces	Shipped to other provinces				
January—							
Bituminous.....	153,154	2,292	8,317	10,813	120		138,436
Sub-bituminous.....		6,534					6,534
Lignite.....		12,745		2,003	480		11,222
Total.....	153,154	21,571	8,317	12,816	600		154,192
February—							
Bituminous.....	171,911	3,797	10,995	15,968	66		148,813
Sub-bituminous.....		5,160					5,160
Lignite.....		10,517		3,012	787		8,292
Total.....	171,911	19,474	10,995	18,978	853		162,265
March—							
Bituminous.....	159,870	3,374	12,236	13,395	129		137,742
Sub-bituminous.....		2,147					2,147
Lignite.....		7,738		1,764	223		6,197
Total.....	159,870	13,259	12,236	15,159	352		146,086
April—							
Anthracite.....							
Bituminous.....	147,194	67	8,657	6,666	60		131,988
Sub-bituminous.....		981					981
Lignite.....		2,619		229	42		2,432
Total.....	147,194	3,667	8,657	6,895	102		135,411
May—							
Anthracite.....							
Bituminous.....	127,712	34	10,779	7,520	190		109,637
Sub-bituminous.....		212					212
Lignite.....		963			35		998
Total.....	127,712	1,209	10,779	7,520	225		110,847
June—							
Anthracite.....							
Bituminous.....	168,105	118	10,677	4,768	50	12	152,840
Sub-bituminous.....		529					529
Lignite.....		1,806			151		1,957
Total.....	168,105	2,453	10,677	4,768	201	12	155,328
July—							
Anthracite.....							
Bituminous.....	111,601	63	6,706	5,885	81		99,154
Sub-bituminous.....		1,107					1,107
Lignite.....		895					895
Total.....	111,601	2,065	6,706	5,885	81		101,156
August—							
Bituminous.....	114,826	295	8,262	10,717	65		98,207
Sub-bituminous.....		1,349					1,349
Lignite.....		4,607			103		4,710
Total.....	114,826	6,251	8,262	10,717	168		102,266
September—							
Anthracite.....							
Bituminous.....	125,834	993	9,804	6,795	32		110,260
Sub-bituminous.....		3,616					3,616
Lignite.....		9,869		415			9,454
Total.....	125,834	14,478	9,804	7,210	32		123,330
October—							
Anthracite.....							
Bituminous.....	122,428	646	10,325	9,799	75		103,025
Sub-bituminous.....		4,670					4,676
Lignite.....		11,196		541	134		10,789
Total.....	122,428	16,518	10,325	10,340	209		118,490

**Table 136.—Summary Statistics for 1932—Output, Exports, Interprovincial Shipments Imports and Coal made Available for Consumption in British Columbia by Months and by Kinds—Concluded**

(Short tons)

Month	Canadian coal				Im- ported from United States	Im- ported from Great Britain	Im- ported from French E. Indies	Coal available for con- sumption
	Output	Received from other provinces	Shipped to other provinces	Ex- ported				
<b>November—</b>								
Bituminous.....	126,287	8,857	11,444	10,680	1,375	561	.....	114,956
Sub-bituminous.....	5,136	.....	.....	.....	.....	.....	.....	5,136
Lignite.....	9,884	.....	.....	1,665	301	.....	.....	8,490
Total.....	126,287	23,847	11,444	12,345	1,676	561	.....	128,582
<b>December—</b>								
Anthracite.....	152,568	573	12,157	6,709	181	581	2	700
Bituminous.....	152,568	7,301	.....	.....	.....	.....	.....	135,037
Sub-bituminous.....	11,997	.....	.....	1,534	524	.....	.....	7,301
Total.....	152,568	19,871	12,157	8,243	705	583	700	154,027
<b>Total—</b>								
Anthracite.....	1,681,490	21,109	120,359	189,713	2,424	1,154	2	700
Bituminous.....	1,681,490	38,748	.....	.....	.....	.....	.....	1,476,105
Sub-bituminous.....	1,681,490	84,806	.....	11,163	2,780	.....	.....	38,748
Lignite.....	1,681,490	144,663	120,359	120,876	5,204	1,156	700	76,423
Total.....	1,681,490	144,663	120,359	120,876	5,204	1,156	700	1,591,978

**Table 137.—Employees, Salaries and Wages in the Coal Mines of British Columbia by Districts, 1931 and 1932**

District	Average number of employees					Salaries and wages		
	Salaried employees		Wage-earners					
	Male	Female	Surface	Under- ground	Total	Salaries	Wages	Total
<b>1931</b>								
Crow's Nest Pass.....	80	5	259	850	1,234	226,937	1,291,007	1,517,944
Inland.....	27	3	171	343	544	69,264	600,329	669,593
Island.....	95	7	664	1,503	2,269	243,069	2,299,544	2,512,613
<b>British Columbia.....</b>	<b>202</b>	<b>15</b>	<b>1,094</b>	<b>2,796</b>	<b>4,107</b>	<b>539,270</b>	<b>4,190,880</b>	<b>4,730,150</b>
<b>1932</b>								
Crow's Nest Pass.....	82	5	248	879	1,214	198,591	1,080,699	1,279,290
Inland.....	30	4	173	342	549	71,493	564,884	636,377
Island.....	105	8	615	1,427	2,155	257,069	2,126,470	2,383,548
<b>British Columbia.....</b>	<b>217</b>	<b>17</b>	<b>1,036</b>	<b>2,648</b>	<b>3,918</b>	<b>527,153</b>	<b>3,772,062</b>	<b>4,299,215</b>

Table 138.—Employment and Earnings in the Coal Mines of British Columbia,  
1928-1932

	1928	1929	1930	1931	1932
Average number of wage-earners—					
Surface.....	1,573	1,385	1,270	1,094	1,036
Underground.....	3,470	3,406	3,093	2,796	2,648
Total.....	5,043	4,791	4,363	3,890	3,684
Days' work done—					
Surface.....	480,633	395,045	333,856	276,698	255,599
Underground.....	934,476	842,584	877,634	571,075	524,968
Total.....	1,415,109	1,237,629	1,011,490	847,773	780,567
Average number of days worked per man per year—					
Surface.....	306	285	263	253	247
Underground.....	269	247	219	204	198
By all wage-earners.....	281	258	233	218	212
Total wages paid.....	\$ 6,928,883	\$ 6,094,289	\$ 5,097,632	\$ 4,190,880	\$ 3,772,062

Table 139.—Wage-Earners Employed, and Work Done by Months in the Coal Mines  
of British Columbia in 1932

Month	Number of wage-earners			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	1,119	2,866	3,985	22,109	47,770	69,888
February.....	1,105	2,868	3,973	23,430	53,571	77,001
March.....	1,082	2,785	3,867	22,529	47,543	70,072
April.....	1,046	2,716	3,762	20,348	43,162	63,510
May.....	1,065	2,697	3,762	18,669	38,392	57,061
June.....	988	2,533	3,521	28,021	55,383	83,104
July.....	1,005	2,559	3,564	19,093	35,547	54,610
August.....	1,009	2,616	3,625	18,518	37,200	55,718
September.....	1,010	2,552	3,562	19,997	40,201	60,198
October.....	1,009	2,590	3,599	19,896	38,873	58,769
November.....	996	2,500	3,496	20,476	40,985	61,461
December.....	1,002	2,500	3,502	22,513	46,332	68,845
Total.....				253,599	524,968	780,567

Table 140.—Number of Man-Days Worked by Districts in British Columbia,  
1931 and 1932

District	1931			1932		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Crow's Nest Pass.....	48,623	159,528	208,151	46,253	135,419	181,672
Inland.....	48,205	80,980	129,185	47,037	71,425	118,463
Island.....	179,870	330,567	510,437	162,309	318,124	480,133
Total.....	276,698	571,075	847,773	253,599	524,968	780,567

Table 141.—Wage-Earners in British Columbia Coal Mines, by Classes, 1931 and 1932

Classification	1931			1932		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	18		18	19	1	20
Foremen and clerks.....	97	2	99	98	132	230
Officials.....	1	135	136			
Screwmens and loaders.....	137		137	127		127
Hand cutters and helpers.....		1,275	1,275		1,150	1,150
Machine cutters.....		75	75		93	93
Machine loaders and helpers.....		121	121		143	143
Chute loaders*.....					6	6
Horse haulage employees.....	9	266	275	7	239	246
Mechanical haulage employees.....	10	279	289	14	249	283
Ventilation employees.....		31	31		29	29
Roadmakers.....	1	59	60	2	54	56
Timbermen.....	11	164	175	10	138	148
Pumpmen.....		22	22		27	27
Enginemen.....	69		69	64		64
Firemen.....	45		45	41		41
Machinists.....	51	5	56	48	3	51
Carpenters and masons.....	59		59	50		50
Other mechanics.....	96	8	104	103	9	112
All other white employees.....	353	210	563	329	250	579
Japanese.....	1	58	59	1	54	55
Chinese.....	130	86	216	123	70	193
Indians.....					1	1
<b>Total.....</b>	<b>1,094</b>	<b>2,796</b>	<b>3,890</b>	<b>1,036</b>	<b>2,648</b>	<b>3,684</b>

\*Not reported in 1931.

Table 142.—Capital Employed in the Coal Mines of British Columbia, 1931 and 1932

	1931	1932
Capital employed as represented by—	\$	\$
Cost of lands, buildings, machinery and tools.....	21,549,427	21,225,502
Cost of supplies and stock on hand.....	603,836	649,393
Cash, trading and operating accounts and bills receivable.....	2,065,070	2,474,969
<b>Total.....</b>	<b>24,278,333</b>	<b>24,349,864</b>

## CHAPTER ELEVEN

## YUKON

The output of coal in the Yukon Territory amounted to 808 tons in 1932. This coal was obtained from the Five Finger mine near Carmacks. The disposition of this tonnage was as follows: supplied to employees, 8 tons; shipped to other Yukon points, 341 tons; used under colliery boilers, 19 tons, and put on waste heap, 440 tons. Four tons of United States coal were cleared through the White Horse customs port in 1932.

Table 143.—Output of Coal from Yukon Mines, 1901-1932  
(Short tons)

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
	\$			\$				\$
1901.....(a)	5,864	86,230	1911.....	2,840	12,780	1922.....	465	4,650
1902.....	4,910	37,280	1912.....	9,245	44,958	1923.....	313	1,485
1903.....	1,849	29,584	1913.....	19,722	95,945	1924.....	1,121	8,295
1904.....			1914.....	13,443	53,750	1925.....	730	7,147
1905.....	7,000	21,000		9,724	38,890	1926.....	316	800
1906.....	7,000	28,000	1916.....	3,300	13,200	1927.....	414	2,052
1907.....	15,000	60,000	1917.....	4,872	129,232	1928.....	414	2,915
1908.....	3,847	21,158	1918.....	2,900	11,600	1929.....	458	1,848
1909.....	7,364	49,502	*1919.....			*1930.....	653	3,110
1910.....	16,185	110,925	*1920.....			*1931.....	904	5,039
			*1921.....	233	2,472	*1932.....	808	3,491
						Total.....	141,894	787,324

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

†Value not reported, but estimated.

\*For the years 1919-1932 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 144.—Disposition of Coal Output from Yukon Mines by Grades, 1931 and 1932  
(Short tons)

Disposition	1931					1932				
	Run of mine	Screen- ed	Slack	Total		Run of mine	Screen- ed	Slack	Total	
				Quan- tity	Value				Quan- tity	Value
Supplied to employees for domes- tic consumption.....			6	6	18				8	24
Shipped (all to Yukon points).....	260		260	2,600		341		8	341	3,410
Used under colliery boilers, etc.....			18	18	54			19	19	57
Put on bank.....	171	114	285	2,367						
Put on waste heap.....			335						440	
Total disposition.....	431	138	904	5,039		341	27	808	3,491	

Table 145.—Imports of Coal into Yukon and Exports of Canadian Coal through Yukon Ports, 1928-1932  
(Short tons)

	1928	1929	1930	1931	1932
<b>IMPORTS—</b>					
Dawson.....	40	67	7	10	4
White Horse.....					
Total.....	40	67	7	10	4
<b>EXPORTS—</b>					
Dawson.....					
White Horse.....					
Total.....					

**Table 146.—Summary Statistics for 1932—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption in Yukon 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		
March— Bituminous.....						
April— Bituminous.....						
May— Bituminous.....	221					221
June— Bituminous.....	198				4	202
July— Bituminous.....	214					214
August— Bituminous.....	175					175
<b>Total—Bituminous.....</b>	<b>808</b>				<b>4</b>	<b>812</b>

**Table 147.—Employment and Earnings in the Coal Mines of Yukon, 1928-1932**

	1928	1929	1930	1931	1932
Average number of wage-earners—					
Surface.....	1	1	1	1	1
Underground.....	3	2	2	2	2
<b>Total.....</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
Days' work done—					
Surface.....	85	102	102	58	103
Underground.....	255	204	204	106	179
<b>Total.....</b>	<b>340</b>	<b>306</b>	<b>306</b>	<b>164</b>	<b>283</b>
Average number of days worked per man per year—					
Surface.....	85	102	102	58	103
Underground.....	85	102	102	53	90
<b>By all wage-earners.....</b>	<b>85</b>	<b>102</b>	<b>102</b>	<b>55</b>	<b>94</b>
Total wages paid.....	\$ 1,280	\$ 1,200	\$ 2,221	\$ 94	\$ 2,425

**Table 148.—Wage-Earners Employed and Work Done by Months in the Yukon Coal Mines in 1932**

Month	Number of employees			Days' work done		
	Surface	Under ground	Total	Surface	Under ground	Total
May.....	1	2	3	25	50	75
June.....	1	2	3	26	52	78
July.....	1	2	3	25	50	75
August.....	1	1	2	27	27	54
<b>Total.....</b>				<b>103</b>	<b>179</b>	<b>282</b>

**Table 149.—Capital Employed in the Coal Mines of Yukon, 1931 and 1932**

	1931	1932
	\$	\$
Capital employed as represented by—		
Cost of lands, buildings, machinery and tools.....	203,000	203,000
Cost of supplies and stock on hand.....		
Cash, trading and operating accounts and bills receivable.....		
<b>Total.....</b>	<b>203,000</b>	<b>203,000</b>

## CHAPTER TWELVE

## WORLD PRODUCTION OF COAL

Preliminary figures indicate that the world output of coal in 1932 amounted to 1,088,193,000 long tons, a decline of 11.5 per cent from the 1931 total of 1,230,000,000 long tons.

Great Britain produced 209,185,011 long tons, a 4.7 per cent falling off from the preceding year's total of 219,458,951 long tons. A decrease of 18.9 per cent was recorded in the production of coal in the United States; the 1932 total was 316,878,769 long tons and the previous year's 390,753,000 long tons. Coal production from mines in France declined 9.1 per cent. Bituminous coal output in Czechoslovakia increased slightly; on the other hand, brown coal production decreased 4.9 per cent. The Russian output declined 7.0 per cent to 52,835,430 long tons. Canadian coal mines reported a 4.1 per cent decrease in output.

Table 150.—World Production of Coal\* 1928-1932

(Including brown coal)

(Long tons)

Country	1928	1929	1930	1931	1932
<b>BRITISH EMPIRE</b>					
Great Britain—					
Anthracite.....	5,521,570	6,364,036	6,400,705	5,829,175	
Bituminous.....	231,950,361	251,542,766	237,481,119	213,629,776	209,185,011
Lignite.....	640	322			
Irish Free State—					
Anthracite.....		67,734	†	†	†
Semi-bituminous.....		17,453	†	†	†
Nigeria (b).....	359,316	344,937	347,842	327,680	†
Southern Rhodesia.....	1,077,557	1,020,446	923,915	577,983	430,948
Union of South Africa.....	12,407,539	12,812,790	12,029,529	10,709,114	9,761,272
Canada—					
Bituminous.....	11,580,241	11,481,984	9,665,035	7,911,929	6,887,749
Sub-bituminous.....	661,157	597,055	538,712	420,842	500,805
Lignite.....	3,432,078	3,542,887	3,083,149	2,598,668	3,062,618
British Borneo—					
State of North Borneo.....	60,779	58,339	58,491	28,926	†
Sarawak.....	17,679	13,610	14,680	18,213	†
Federated Malay States.....	556,590	661,514	565,573	402,355	†
India—					
Gondwana Coalfields.....	22,153,314	23,001,586	23,342,372		
Tertiary Coalfields.....	389,558	417,148	460,676	21,716,435	18,604,100
Australia					
Bituminous.....	11,839,780	10,365,319	9,531,359	8,700,000	
Lignite.....	1,591,858	1,741,176	1,831,507	1,900,000	(a) 6,592,130
New Zealand—					
Bituminous.....	1,348,732	1,367,164	1,382,875	979,636	†
Brown coal.....	973,238	1,049,603	1,046,677	1,069,749	†
Lignite.....	114,783	119,097	112,540	108,371	†
Total British Empire.....	306,000,000	327,000,000	309,000,000	377,000,000	
<b>FOREIGN COUNTRIES</b>					
Austria—					
Bituminous.....	198,906	204,735	212,478	224,541	†
Brown coal.....	3,211,042	3,469,123	3,014,605	2,934,978	†
Belgium—					
Anthracite and semi-anthracite.....	6,035,006	5,826,029	5,710,956		
Bituminous.....	21,107,733	20,688,421	21,270,796	26,608,285	21,069,235
Bulgaria—					
Anthracite.....	1,183	2,479	2,303	†	†
Bituminous.....	67,255	75,130	67,233	†	†
Brown coal.....	1,330,298	1,548,121	1,498,345	1,483,320	†
Czechoslovakia—					
Bituminous.....	14,330,345	16,260,524	14,207,021	12,895,773	13,029,788
Brown coal.....	20,128,419	22,204,480	18,890,532	17,648,430	16,786,318
France—					
Saar.....	12,890,716	13,364,882	13,026,730	11,187,485	10,269,948
Other districts—					
Anthracite and bituminous.....	50,554,526	52,930,400	53,048,640	50,256,326	
Lignite.....	1,040,891	1,178,329	1,124,685	1,023,591	46,497,146
Germany—					
Bituminous.....	148,477,905	160,859,314	140,444,006	116,766,357	99,835,349
Lignite.....	162,972,863	171,700,657	143,704,018	131,205,263	109,574,975
Greece—					
Lignite.....	118,734	154,054	127,576	103,546	†
Hungary—					
Bituminous.....	770,908	813,220	798,731	764,150	†
Brown coal.....	6,240,930	6,659,925	5,746,586	5,650,352	5,608,230
Lignite.....	164,838	272,765	332,348	364,451	

Table 150.—World Production of Coal\* 1928-1932—Concluded

(Including brown coal)

(Long tons)

Country	1928	1929	1930	1931	1932
Italy—					
Anthracite.....	10,321	14,007	19,530	15,331	†
Bituminous.....	115,590	205,813	207,946	216,640	†
Brown coal.....	686,024	769,694	567,750	358,730	†
Jugoslavia—					
Bituminous.....	351,826	435,131	360,430	426,740	†
Brown coal.....	3,668,130	4,326,603	3,748,858	3,465,459	†
Lignite.....	1,012,136	1,036,945	1,077,869	1,022,048	†
Netherlands—					
Bituminous.....	10,525,314	11,398,293	12,018,229	12,697,631	12,550,628
Brown coal.....	193,589	154,095	141,873	120,269	†
Poland—					
Bituminous.....	39,974,905	45,505,803	30,914,000	37,661,000	28,237,930
Brown coal.....	72,398	73,147	54,000	†	26,565
Portugal—					
Anthracite.....	195,705	175,864	183,471	223,475	†
Bituminous.....	2,460	18,098	27,345	†	†
Brown coal.....	26,031	28,880	33,928	†	†
Roumania—					
Bituminous.....	391,285	365,088	294,105	282,005	†
Lignite.....	2,588,144	2,632,831	2,038,348	1,606,088	†
Russia—					
Anthracite.....					
European.....	34,657,125	40,711,700	47,635,600	56,804,500	52,835,430
Asiatic.....					
Brown coal.....					
Spain—					
Anthracite.....	383,243	491,851	515,306	516,402	
Bituminous.....	5,885,667	6,504,199	6,492,054	6,462,526	6,779,071
Brown coal.....	415,831	412,018	381,904	336,073	343,381
Spitzbergen and Bear Island.....	280,418	247,218	185,448	(e) 294,086	†
Sweden.....	352,851	388,737	391,675	337,777	†
Algeria.....	16,308	15,873	16,922	25,188	†
Belgian Congo.....	88,000	112,642	131,700	84,339	†
Madagascar.....		25			†
Morocco (French)—					
Anthracite.....			1,000	5,574	†
Greenland.....	2,500	3,500	4,700	†	†
Mexico.....	999,787	1,043,277	1,054,793	770,504	†
United States—					
Anthracite.....	67,275,062	65,918,031	61,950,747	53,153,000	44,048,219
Bituminous (e). . . . .	447,093,723	477,668,387	417,434,196	337,600,000	272,830,550
Brazil.....	246,327	167,251	†	†	†
Chile.....	1,353,890	1,484,051	1,419,367	1,090,100	†
Colombia.....	100,000	100,000	100,000	100,000	†
Peru.....	175,675	217,120	196,855	†	†
Venezuela.....	15,660	16,593	12,360	†	†
China (d).....	20,000,000	25,437,000	26,037,000	27,245,000	†
Dutch East Indies.....	1,676,472	1,802,811	1,840,111	1,320,000	†
Fiji.....	1,513,000	1,505,860	1,573,478	†	†
French Indo-China—					
Anthracite.....	1,883,409	1,872,373	1,860,000	1,647,000	†
Bituminous.....	39,826	38,277	47,000	30,000	†
Brown coal.....	15,228	30,228	28,000	22,000	†
Japan—					
Semi-anthracite.....	163,263				
Bituminous.....	33,162,143	33,716,762	30,880,069	27,545,251	
Brown coal.....	119,997	137,000	126,593	115,881	27,549,200
Karafuto.....	530,961	625,478	634,788	627,886	
Korea—					
Anthracite.....	457,611	529,744			
Bituminous.....	315,322	393,345	870,174	†	†
Philippine Islands.....	27,417	17,047	20,423	18,668	†
Turkey in Asia—					
Bituminous.....	1,230,885	1,398,565	1,569,966	1,553,000	†
Lignite.....	9,105	11,375	8,043	7,651	†
New Caledonia.....	16,000	21,000	10,000	†	†
Total Foreign countries.....	1,130,000,000	1,210,000,000	1,080,000,000	950,000,000	.....
<b>Grand Total.....</b>	<b>1,410,000,000</b>	<b>1,540,000,000</b>	<b>1,390,000,000</b>	<b>1,230,000,000</b>	<b>1,088,193,000</b>

\* Data for 1928-1931 obtained from *The Mineral Industry of the British Empire and Foreign Countries*; data for 1932 from a preliminary report issued by the United States Bureau of Mines, Washington, D.C.

† Information not available.

(a) New South Wales only.

(b) Years ended 31st March of the year following that stated.

(c) Including lignite.

(d) Approximate production.

(e) Exports.

## APPENDIX ONE

### LEGISLATION PROVIDING ASSISTANCE FOR THE MARKETING OF CANADIAN COAL

P.C. 944

The Committee of the Privy Council, on the recommendation of the Minister of Mines, advise, in order to encourage the greater use of Canadian coal in the manufacture of coke or gas:—

(1) That in respect of coal mined in Canada and transported to and used at any coke or gas plant in Canada during the period fixed by this Order in Council, the Minister of Mines, through the Dominion Fuel Board, be authorized to pay to coal operators, from such sums as may be provided 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 fuel that would otherwise be used, up to a maximum of \$1 per ton.

(2) That payments to coal operators shall be made only upon that quantity of Canadian coal used in the manufacture of coke or gas at the plant in excess of the average quantity of such coal used annually in such plant during the three years immediately preceding the 31st day of December, 1931. Provided that trial shipments of Canadian coal used in any plant for experimental purposes only shall not be included in computing the amount of Canadian coal used in any plant for the purposes of this section.

(3) That the said payments shall not apply on:—

(a) Coal manufactured into coke used in the smelting of metals or melting of metals.

(b) Coal upon which any subvention or reduced freight rate provided by the Government of Canada is payable under authority of Orders in Council P.C. 1300 and P.C. 1303 of May 30, 1931, or amendments thereto.

(c) Coal which was mined by coal operators from mines of properties which were brought into operation or commenced shipping coal after the 31st day of December, 1931.

(d) Coal used in any plant subject to the provisions of Chapter 52 of the Statutes of Canada, 1927.

(4) That the Minister of Mines reserves the right of refusing approval in each and every application for assistance under this authority.

(5) For the purpose of computing the amount of assistance payable under this authority the cost per ton of Canadian coal at the point of consumption and the cost per ton of imported fuel which would otherwise be used shall be determined by the Minister upon report of the Dominion Fuel Board or such other authority or person as the Minister may appoint for that purpose. The Minister or any person appointed by him for that purpose shall have free access to all works, books, plans, records or documents of any operator claiming payments under this Order in Council in so far as may be necessary for the purposes of this Order in Council.

(6) That the assistance herein authorized shall be effective from April 1, 1932.

(7) That the Dominion Fuel Board be charged with the administrative duties connected herewith and shall report annually to the Minister of Mines as to the amount paid coal operators during the period of the movement.

P.C. 1048

The Committee of the Privy Council have had before them a Report, dated 28th April, 1932, from the Minister of Mines, submitting that movements of coal from the Maritime Provinces authorized by certain Orders in Council have demonstrated that these coals can with limited assistance secure considerable markets at points in the Provinces of Quebec and Ontario where under existing conditions such coals are at a disadvantage in competing with imported coals. The Minister also observes that a serious condition of unemployment prevails in the coal mining industry of the Maritime Provinces because of a reduction in the markets for the coal that the industry is capable of producing.

The Committee, therefore, on the recommendation of the Minister of Mines, advise—in order to enable coals from the Maritime Provinces to compete to a greater extent in the areas aforementioned—

- (1) That movements of coal mined in the Maritime Provinces and shipped to points in Ontario and Quebec be assisted by payments out of such sums as may be provided by Parliament from year to year for the purpose.
- (2) That 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 Quebec for use by consumers other than the railways, the assistance granted for such transhipments shall be by the reduction of one-fifth of one cent per ton per mile from the existing rail rates; provided that the amount of said reduction shall in no instance exceed 75 cents per net ton, the amount of said reduction being payable to the railways.
- (3) That 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 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; provided that the amount of said reduction shall in no instance exceed \$1.50 per net ton, the amount of said reduction being payable to the railways.
- (4) That with respect to coal mined in the Province of Nova Scotia and transported wholly by rail to points in the Provinces of Quebec and Ontario, for use by consumers other than the railways the assistance granted shall be by payments to the railways of one-seventh of one cent per ton per mile from the existing rail rates; provided that the assistance shall in no instance exceed \$2.00 per ton, and shall be effective only from November 15th, to April 15th in each year of the assisted coal movement herein authorized.
- (5) That with respect to coal mined in the Maritime Provinces and carried by water transportation to any point situated west of the Island of Montreal, the assistance granted shall be the sum of \$1.00 per net ton payable to the coal mine operators or distributors of the said coal.
- (6) That with respect to coal mined in the Maritime Provinces and carried by water transportation to any point situated west of the Island of Montreal under the 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 said reduction shall in no instance exceed \$1.00 per net ton, the amount of said reduction being payable to the railways.

- (7) That with respect to coal mined in the Maritime Provinces and purchased by 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 Maritime Provinces and the laid-down cost at the same points of imported coal that would otherwise be used, up to a maximum of \$2.00 per net ton: Provided that
- for the purpose of this Order in Council the said difference of laid-down costs shall be determined by the Dominion Fuel Board.
  - the assistance shall apply only on that quantity of Canadian coal purchased by the railway companies in excess of the quantity of Canadian coal purchased during the year 1931.
- (8) That the assistance shall apply only on movements of coal to points where the Canadian coal to be used is at a disadvantage in competing with foreign coal.
- (9) That the assistance shall apply only on shipments of coal from coal mines or coal properties which were in operation and shipping prior to December 31, 1930.
- (10) That the assistance shall not apply on shipments of less than carload lots.
- (11) That 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 make such examination thereof as may be considered necessary or expedient.
- (12) That the Minister of Mines reserves the right of refusing approval in each and every application for assistance under this authority.
- (13) That the Dominion Fuel Board be charged with the duty of administering this Order in Council and be required to report to the Minister of Mines as to the amounts paid under this Order in Council each year during the said period.
- (14) That Order in Council P.C. 1300 of May 30, 1931, be hereby rescinded but that shipments shall be continued on acceptances that were granted under authority thereof until the tonnages authorized have been shipped.

### P.C. 1676

The Committee of the Privy Council have had before them a report, dated 14th July, 1932, from the Minister of Mines, submitting that Section (4) of Order in Council of 9th May, 1932, reads as follows:—

- (4) "That with respect to coal mined in the Province of Nova Scotia and transported wholly by rail to points in the Provinces of Quebec and Ontario, for use by consumers other than the railways the assistance granted shall be by payments to the railways of one-seventh of one cent per ton per mile from the existing rail rates; provided that the assistance shall in no instance exceed \$2.00 per ton, and shall be effective only from November 15th, to April 15th in each year of the assisted coal movement herein authorized."

The Committee, on the recommendation of the Minister of Mines, advise that the provisions of the said Section (4) be rescinded and the following substituted in lieu thereof:—

- That with respect to coal mined in the Province of Nova Scotia and transported wholly by rail to points in the Provinces of Quebec and Ontario, for use by consumers other than the railways the assistance granted shall be by payments to the railways of one-seventh of one cent per ton per mile from the existing rail rates; provided that the assistance shall in no instance exceed \$2.00 per ton.

### P.C. 2563

The Committee of the Privy Council have had before them a report, dated 10th November, 1932, from the Minister of Mines, submitting that subsection (b) of section 7 of Order in Council of 9th May, 1932—P.C. 1048—with reference to movements of coal from the Maritime Provinces to points in Ontario and Quebec—reads as follows:—

- (b) The assistance shall apply only on that quantity of Canadian coal purchased by the railway companies in excess of the quantity of Canadian coal purchased during the year 1931.

The Committee, on the recommendation of the Minister of Mines, advise that the provisions of the said subsection (b) of section 7 be rescinded.

### P.C. 604

The Committee of the Privy Council have had before them a report, dated 25th March, 1933, from the Minister of Mines, with reference to an Order in Council, P.C. 1048 of the 9th May, 1932, Section (7) of which reads as follows:—

- "That with respect to coal mined in the Maritime Provinces and purchased by 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 Maritime Provinces and the laid-down cost at the same points of imported coal that would otherwise be used, up to a maximum of \$2.00 per net ton."

The Committee, on the recommendation of the Minister of Mines, advise that the provisions of said Section (7) be rescinded and the following substituted in lieu thereof:—

- "That with respect to coal mined in the Maritime Provinces and purchased by 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 Maritime Provinces and the laid-down cost at the same points of imported coal that would otherwise be used, up to a maximum of \$2.50 per net ton."

## ASSISTANCE PROVIDED FOR THE MOVEMENT OF NEW BRUNSWICK COAL

### P.C. 1299

The Committee of the Privy Council have had before them a report, dated May 30, 1931, from the Minister of Mines, stating that the test movements of New Brunswick coals authorized by Order in Council P.C. 539 of March 30, 1928, and further extended by P.C. 2256 of October 2, 1930, will expire March 31, 1932. These test rates have not demonstrated the full extent to which the markets for New Brunswick coals could be increased at competitive points in Quebec and Ontario where under the existing freight rates these coals are at a disadvantage with coals imported from the United States. In order, therefore, to enable New Brunswick coals to compete to a greater extent in the areas aforementioned the Minister of Mines recommends:

- That assisted movements be instituted of shipments of coal mined in the Province of New Brunswick and shipped to points in the provinces of Quebec and Ontario;
- That the assistance granted shall be by the reduction of one-sixth of a cent per ton per mile from the existing freight rates, provided that the assistance shall in no instance exceed \$1.50 (one dollar and fifty cents) per ton;

- (3) That the amount of the said assistance shall be payable to the railways under the following conditions:
- That the assistance shall apply only to movements of coal to points where the Canadian coal to be used is at a disadvantage in competing with foreign coal;
  - That the assistance shall apply from June 1, 1931, to June 30, 1933;
  - That the assistance shall not apply to coal when used for household purposes;
  - That the assistance shall apply only to shipments of coal from coal mines or coal properties which were in operation and shipping coal prior to December 31, 1930;
  - That the assistance shall not apply on shipments of less than carload lots;
  - That the assistance shall not be granted to shippers 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 distributors in connection with this movement and make such examination thereof as may be considered necessary or expedient;
  - That the Minister of Mines reserves the right of refusing approval in each and every application for assistance under this authority.

The Minister further recommends:

- That in order to provide for the payments to the railways hereby proposed and to provide for the expenses of administration of this Order in Council, a vote be placed in the estimates of the Department of Mines to cover payments to be made hereunder;
- That the Dominion Fuel Board be charged with the administrative duties connected with this movement and shall report annually to the Minister of Mines as to the amount paid the railways during the period of the movement;
- That Order in Council P.C. 539 of March 30, 1928, and the extension, P.C. 2256 of October 2, 1930, in so far as the movements relate to New Brunswick coals, be hereby rescinded.

### P.C. 951

The Committee of the Privy Council have had before them a report, from the Minister of Mines, submitting that the provisions of Order in Council, P.C. 1299 of 30th May, 1931, which provides assistance to the movement of coal mined in the Province of New Brunswick to points in the Provinces of Quebec and Ontario, will expire on June 30th, 1933.

The Minister recommends, in order to enable New Brunswick coal to continue to compete with foreign coals in Quebec and Ontario markets, that upon expiry of the aforesaid Order in Council:—

- 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;
- The assistance granted shall be the reduction of one-sixth of a cent per ton per mile from the existing rail freight rates, provided that the amount of said reduction shall in no instance exceed one dollar and fifty cents per net ton;
- The amount of said assistance shall be payable to the railways under the following conditions:—
  - That the assistance shall apply only to movements of coal to points where the Canadian coal to be used is at a disadvantage in competing with foreign coal;
  - That the assistance shall apply only to shipments of coal from coal mines or coal properties which were operating under legal permit and shipping coal prior to December 31, 1930;
  - That the assistance shall not apply to shipments of less than minimum carload lots;
  - That the assistance shall not be granted to those applying 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 make such examination thereof as may be considered necessary or expedient.
- The Minister of Mines reserves the right of refusing approval in each and every application under this authority.
- 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 the provisions thereof each year.
- With respect to acceptances issued by the Dominion Fuel Board under the authority of Order in Council P.C. 1299 of 30th May, 1931, and whereof the tonnages designated have not been shipped, shipments may be continued under the authority of those acceptances for a period of ninety days from the 27th May, 1933.

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

### ASSISTANCE PROVIDED FOR THE MOVEMENT OF SASKATCHEWAN LIGNITE TO MANITOBA—P.C. 1301

The Committee of the Privy Council have had before them a report dated the 30th May, 1931, from the Minister of Mines, submitting that Order in Council P.C. 1399 of June 14, 1930, provides assistance on lignite coal mined in the Province of Saskatchewan and shipped to competitive points in the Province of Manitoba. The amount of the assistance authorized is 50 cents per net ton.

The Minister states that the lignites of Saskatchewan, due to certain chemical and physical disadvantages when compared with higher grade bituminous coals have had only a limited utilization, particularly in the Manitoba market.

In order to encourage the further use of these Canadian coals, the Minister of Mines recommends:

- That assisted movements be instituted of shipments of coal mined in the Province of Saskatchewan and shipped to points in the Province of Manitoba and to points in that portion of the Province of Ontario lying west of Sioux Lookout and Fort Frances;
- That the assistance granted shall be by the reduction of one-seventh of a cent per ton per mile from the existing rates, provided that the assistance shall in no instance exceed \$1 per ton;
- That the amount of the said assistance shall be payable to the railways under the following conditions:—
  - That the assistance shall apply only to movements of coal to points where the Canadian coal to be used is at a disadvantage in competing with foreign coal;
  - That the assistance shall apply from June 1, 1931 to June 30, 1933;
  - That the assistance shall not apply to coal when used for household purposes;
  - That the assistance shall apply only to shipments of coal from coal mines or coal properties which were in operation and shipping coal prior to December 31, 1930;
  - That the assistance shall not apply on shipments of less than carload lots;

- (f) That the assistance shall not be granted to shippers 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 distributors in connection with this movement and make such examination thereof as may be considered necessary or expedient;
- (g) That the Minister of Mines reserves the right of refusing approval in each and every application for assistance under this authority.

The Minister further recommends:

- (4) That in order to provide for the payments to the railways hereby proposed and to provide for the expenses of administration, of this Order in Council, a vote be placed in the estimates of the Department of Mines to cover payments to be made hereunder;
- (5) That the Dominion Fuel Board be charged with the administrative duties connected with this movement and shall report annually to the Minister of Mines as to the amount paid the railways during the period of the movement.

### P.C. 953

The Committee of the Privy Council have had before them a report, from the Minister of Mines, submitting that the provisions of Order in Council, P.C. 1301 of May 30th, 1931, which provides assistance to the movement of coal mined in the Province of Saskatchewan, to points in the Province of Manitoba and to points in the Province of Ontario west of and including Sioux Lookout and Fort Frances, will expire on June 30th, 1933;

The Minister recommends that upon expiry of the aforesaid Order in Council:—

1. Movements of coal mined in the Province of Saskatchewan and shipped to points in the Province of Manitoba and to points in that portion of Ontario west of and including Sioux Lookout and Fort Frances, 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 Manitoba and to points in that portion of the Province of Ontario west of and including Sioux Lookout and Fort Frances, the assistance granted shall be by the reduction of one-seventh of one per cent per ton per mile from the existing rail rates; provided that the amount of said reduction shall in no instance exceed forty cents per net ton on shipments to points in the Province of Manitoba and shall in no instance exceed one dollar per net ton on shipments to points in the Province of Ontario;

3. The amount of said assistance shall be payable to the railways under the following conditions:—

- (a) That the assistance shall apply only to movements of coal where the Canadian coal to be used is at a disadvantage in competing with foreign coal;
- (b) That the assistance shall not apply to coal when used for household purposes;
- (c) That the assistance shall not apply to shipments of less than minimum carload lots;
- (d) That the assistance shall apply only to shipments of coal from coal mines or coal properties which were operating under legal permit and shipping coal prior to December 31, 1930;
- (e) That the assistance shall not be granted to shippers or distributors 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 make such examination thereof as may be considered necessary or expedient;

4. The Minister of Mines reserves the right of refusing approval in each and every application for assistance under this authority.

5. 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 the provisions therof each year.

6. With respect to acceptances issued by the Dominion Fuel Board under the authority of Order in Council, P.C. 1301 of 30th May, 1931, and wherein the tonnages designated have not been shipped, shipments may be continued under the authority of those acceptances for a period of ninety days from the 27th May, 1933.

### TEST MOVEMENTS OF ALBERTA COAL TO DETERMINE TRANSPORTATION COST, 1928-29-30

In view of the importance of the question of encouraging an all-Canadian coal movement, and of the difference of view expressed in the minority report of the Board of Railway Commissioners in their finding of the out-of-pocket cost of transporting Alberta coal to Ontario, the Federal Government, by Order in Council P.C. 439, dated March 16, 1928, provided for further test movements with a view to arriving at what would appear to be a reasonable freight rate a ton for this traffic. The test movement is to be undertaken under the following conditions, namely:

- (a) That a temporary rate of \$6.75 per ton be established to be effective for not less than three months in each year during the period of the test movement.
- (b) That the cost of the movement under consideration be supervised by the Board of Railway Commissioners of Canada.
- (c) That the cost of the movement be carefully checked by representatives selected by both the coal interests and the railways.
- (d) That a detailed report of the representatives checking the cost of this movement shall be furnished the Board of Railway Commissioners for their consideration and that the full Board of Railway Commissioners, after hearing the parties interested, will determine from the evidence submitted to them what is a reasonable rate per ton, having in mind all the factors which in the national interest, may properly be taken into consideration.
- (e) That as the movement is a seasonal one and for a short period in each year, it is desirable that the test should extend for a period of three years in order that the Board of Railway Commissioners may have conclusive evidence of costs before them to enable them to give judgment.
- (f) That at the end of each seasonal movement and pending a final decision, the Board of Railway Commissioners be authorized—to name what amount, if any, over and above the rate of \$6.75 per ton the Board estimates to be due the railways in the light of the information secured during the season, and to certify to the Minister of Mines the total sum of money due to each Railway Company in connection therewith.

### P.C. 302

The Committee of the Privy Council have had before them a report, dated 3rd February, 1932, from the Minister of Mines, stating that the test movements of Alberta coal to Ontario authorized by Order in Council P.C. 439 of 16th March, 1928, and as amended by Order in Council P.C. 2364 of 3rd December, 1929, and as extended by P.C. 1268 of 5th June, 1930, will terminate on 15th March, 1932.

The Committee, on the recommendation of the Minister of Mines, advise that upon the termination of the provisions of the said Order in Council P.C. 439 together with its amendment and extension as above stated, the said provisions be extended for a further period of one year.

### P.C. 740

The Committee of the Privy Council have had before them a report, dated 18th March, 1933, from the Minister of Mines, submitting that as a result of an extensive study made in connection with the cost of moving coal from the Province of Alberta to consuming points in the Province of Ontario, information is now available from the Board of Railway Commissioners for Canada which makes it expedient for the Government to substitute the following in lieu of Order in Council P.C. 439, of the 16th March, 1928, and amendments thereto, authorizing certain test movements, which have now expired.

The Minister recommends—in view of the desirability of encouraging in so far as economically possible the development of a market in the Province of Ontario for Alberta coal and at the same time creating a uniformity of assistance based upon reduced rates and maximum amounts authorized for similar movements of coal from other provinces to coal consuming centres—that assistance be granted on such movements of coal as hereinafter provided:

(1) That movements of coal mined in the Province of Alberta and shipped to certain points in the Province of Ontario be assisted by payments out of such sums as may be provided by Parliament from year to year for that purpose.

(2) That with respect to such movements of coal referred to in the above Section (1) the assistance granted shall be by the reduction of \$2.50 per net ton from the existing rail rates when same amount to \$8.00 per net ton or in excess thereof, the amount of the said reduction being payable to the railways.

(3) That the assistance shall apply only on shipments of coal from coal mines or coal properties which were in operation and shipping prior to December 31, 1930.

(4) That the assistance shall not apply on shipments of less than carload lots.

(5) That 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 make such examination thereof as may be considered necessary or expedient.

(6) That the Dominion Fuel Board be charged with the duty of administering this Order in Council and be required to report to the Minister of Mines as to the amounts paid under this Order in Council each year during the said period.

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

### ASSISTANCE PROVIDED FOR THE MOVEMENT OF COAL MINED IN ALBERTA AND IN THE CROWSNEST PASS DISTRICT, BRITISH COLUMBIA—P.C. 1303

The Committee of the Privy Council have had before them a report, dated 30th May, 1931, from the Minister of Mines, submitting that the Government has been interested in the question of extending the markets for Canadian coals and is aware that certain interprovincial coal movements are restricted owing to the cost of transportation and to competition from foreign coals. To encourage these interprovincial movements it appears desirable to grant financial assistance to the transportation by rail of shipments of Canadian coals consigned to certain areas where under existing freight rates Canadian coals cannot compete with imported coals.

The Minister states that a potential market of considerable importance exists in the Province of Manitoba and in that portion of the Province of Ontario lying west of Sioux Lookout and Fort Frances for western Canadian coals, but under existing freight rates these Canadian coals are there placed at a disadvantage in competing with coals imported from the United States.

In order, therefore, to enable western Canadian coals to compete to a greater extent in the areas aforementioned, the Minister of Mines recommends:

- (1) That assisted movements be instituted of shipments of coal mined in the Province of Alberta, and in the Crowsnest Pass District of British Columbia, and shipped to points in the Province of Manitoba and to points in that portion of the Province of Ontario lying west of Sioux Lookout and Fort Frances;
- (2) That with respect to coal mined in the Province of Alberta and in the Crowsnest Pass district of British Columbia and shipped to points in the Province of Manitoba, that the assistance granted shall be by the reduction of one seventh of a cent per ton per mile from the existing freight rates, provided that the assistance shall in no instance exceed \$1.50 (one dollar and fifty cents) per ton;
- (3) That with respect to coal mined in the Province of Alberta and in the Crowsnest Pass district of British Columbia and shipped to points in that portion of the Province of Ontario lying west of Sioux Lookout and Fort Frances, that the assistance granted shall be by the reduction of one-third of a cent per ton per mile from the existing freight rates, provided that the assistance shall in no instance exceed \$2 per ton;
- (4) That the amount of the said assistance shall be payable to the railways under the following conditions:
  - (a) That the assistance shall apply only to movements of coal to points where the Canadian coal to be used is at a disadvantage in competing with foreign coal;
  - (b) That the assistance shall apply from June 1, 1931, to June 30, 1933;
  - (c) That the assistance shall not apply to coal when used for household purposes;
  - (d) That with respect to coal used by the railways the assistance shall apply on the basis of any increased tonnage of Canadian coal used by the railways over and above the average consumption of Canadian coal for the years 1928-1929-1930, subject to the conditions herein set forth as applying to industrial coal;
  - (e) That the assistance shall apply only to shipments of coal from coal mines or coal properties which were in operation and shipping coal prior to December 31, 1930;
  - (f) That the assistance shall not apply on shipments of less than carload lots;
  - (g) That the assistance shall not be granted to shippers 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 distributors in connection with this movement and make such examination thereof as may be considered necessary or expedient;
  - (h) That the Minister of Mines reserves the right of refusing approval in each and every application for assistance under this authority.

The Minister further recommends:

- (5) That in order to provide for the payments to the railways hereby proposed and to provide for the expenses of administration of this Order in Council, a vote be placed in the estimates of the Department of Mines to cover payments to be made hereunder;
- (6) That the Dominion Fuel Board be charged with the administrative duties connected with this movement and shall report annually to the Minister of Mines as to the amount paid the railways during the period of movement.

## P.C. 827

The Committee of the Privy Council have had before them a report, dated 11th April, 1932, from the Minister of Mines, submitting that Order in Council, P.C. 1303 of 30th May, 1931, authorizes assisted movements of coal mined in the Province of Alberta and in the Crowsnest Pass District of British Columbia and shipped to points in the Province of Manitoba and to points in that portion of the Province of Ontario lying West of Sioux Lookout and Fort Frances.

The Minister recommends that Section (2) of the said Order in Council P.C. 1303 be rescinded and the following substituted in lieu thereof:—

"That with respect to coal mined in the Province of Alberta and in the Crowsnest Pass District of British Columbia and shipped to points in the Province of Manitoba, that the assistance granted shall be by the reduction of one-seventh of a cent per ton per mile from the existing freight rates provided that the assistance shall in no instance exceed \$1.20 (one dollar and twenty cents) per ton, but that with respect to acceptances that have been granted prior to the date hereof shipments shall be continued under the rates of assistance authorized by the said acceptances until the tonnages specified have been shipped."

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

## P.C. 952

The Committee of the Privy Council have had before them a report from the Minister of Mines, submitting that the provisions of Order in Council P.C. 1303 of May 30, 1931, as amended by P.C. 827 of April 15, 1932, which provides assistance to the movement of coal mined in the Province of Alberta and in the Crowsnest Pass district of British Columbia, to points in the Province of Manitoba and to points in the Province of Ontario west of and including Sioux Lookout and Fort Frances, will expire on June 30, 1933.

The Minister recommends that, upon expiry of the aforesaid Order in Council:—

1. Movements of coal mined in the Province of Alberta and in the Crowsnest Pass district of British Columbia and shipped to points in the Province of Manitoba and to points in that portion of the Province of Ontario west of and including Sioux Lookout and Fort Frances, 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 Alberta, and in the Crowsnest Pass district of British Columbia and shipped to points in the Province of Manitoba and to points in that portion of the Province of Ontario west of and including Sioux Lookout and Fort Frances, the assistance granted shall be as follows:—

(a) To points in the Province of Manitoba 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 said reduction shall in no instance exceed one dollar and twenty cents per net ton.

(b) To points in that portion of the Province of Ontario west of and including Sioux Lookout and Fort Frances, 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 said reduction shall in no instance exceed two dollars per net ton.

(3) With respect to coal purchased by railway companies for their own use at points within the areas herein prescribed the assistance shall apply only on that tonnage of Canadian coal used by the railways over and above the average consumption of Canadian coal at those points during the years 1930, 1931 and 1932;

(4) The amount of said assistance shall be payable to the railways under the following conditions:—

(a) That the assistance shall apply only to movements of coal where the Canadian coal to be used is at a disadvantage in competing with foreign coal.

(b) That the assistance shall not apply to coal when used for household purposes.

(c) That the assistance shall not apply to shipments of less than minimum carload lots.

(d) That the assistance shall apply only to shipments of coal from coal mines or coal properties which were operating under legal permit and shipping coal prior to December 31, 1930.

(e) That the assistance shall not be granted to shippers or distributors 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 make such examination thereof as may be considered necessary or expedient.

(5) The Minister of Mines reserves the right of refusing approval in each and every application for assistance under this authority;

(6) 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 the provisions thereof each year;

(7) With respect to acceptances issued by the Dominion Fuel Board under the authority of Order in Council P.C. 1303 of 30th May, 1931, as amended by P.C. 827 of 15th April, 1932, and whereof the tonnages designated have not been shipped, shipments may be continued under the authority of those acceptances for a period of ninety days from 27th May, 1933.

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

## ASSISTANCE PROVIDED FOR THE MOVEMENT OF BRITISH COLUMBIA COAL

### P.C. 1302

The Committee of the Privy Council have had before them a report, dated 30th May, 1931, from the Minister of Mines stating that the Government appreciates the importance to the Province of British Columbia of the welfare of the coal mining industry of that province and is aware that in recent years the output of coal from those mines has been considerably diminished owing to severe competition from other fuels. This curtailment of output has caused unsatisfactory industrial conditions in connection with a major industry of the province. It appears that with reasonable assistance certain restoration of markets can be made possible by improving the position of British Columbia coals in competing with other fuels for the bunkering or export trade.

In order, therefore, to enable British Columbia coals to obtain a wider range of utilization the Minister of Mines recommends:

- (1) That assistance to the extent of the sum of twenty-five cents per net ton be paid to coal producers or coal distributors on sales of coal mined in British Columbia and sold as fuel for ships' stores or for export to foreign countries, in the manner and under the conditions set forth as follows:
  - (a) That the assistance shall apply to coal for fuelling ocean-going vessels but not for vessels navigating entirely in inland waters;
  - (b) That the assistance shall apply to coal exported to foreign countries but not to coal exported for consumption in the United States of America;
  - (c) That the assistance shall apply from June 1st, 1931, to June 30, 1933;

- (d) that the assistance shall apply only to shipments of coal from coal mines or coal properties which were in operation and shipping coal prior to December 31st, 1930;
- (e) That the assistance shall not be granted to coal producers or coal distributors who refuse or fail to furnish such information as the Minister of Mines may consider necessary in the administrative duties connected with this assistance; 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 the said coal producers or coal dealers in connection with this assistance and make such examination thereof as may be considered necessary or expedient;
- (f) That total annual payments to be made under this authority shall not exceed the sum of \$50,000 (fifty thousand dollars);
- (g) That the Minister of Mines reserves the right of refusing approval in each and every application for assistance under this authority.

The Minister further recommends:

- (2) That in order to provide for the payments to be made under this authority and to provide for the expenses of administration of same, a vote be placed in the estimates of the Department of Mines to cover payments to be made hereunder;
- (3) That the Dominion Fuel Board be charged with the administrative duties connected with this assistance and shall report to the Minister of Mines as to the amount paid during the period of its operation.

### P.C. 954

The Committee of the Privy Council have had before them a report, from the Minister of Mines, submitting that the provisions of Order in Council, P.C. 1302 of May 30, 1931, as amended by P.C. 2699 of October 27, 1931, which provides assistance to the movement of coal mined in the Province of British Columbia and sold as fuel for ships' stores or for export to foreign countries, will expire on June 30, 1933.

The Minister recommends, in order to enable British Columbia coal to continue to compete with foreign coals for bunkering and export markets, that upon expiry of the aforesaid Orders in Council:

1. With respect to coal mined in the Province of British Columbia and sold for fuel for ships' stores or for export to foreign countries assistance shall be granted by payments out of such sums as may be provided by Parliament from year to year for that purpose.
2. The said payments shall be the sum of fifty cents per gross ton on coal sold as fuel for ships' stores and the sum of one dollar per gross ton on coal sold for export to foreign countries, and shall be paid to coal producers or coal distributors under the conditions set forth as follows:
  - (a) That the assistance shall apply to coal for fuelling ocean going vessels but not for fuelling vessels navigating entirely in inland waters;
  - (b) That the assistance shall apply to coal exported to foreign countries but not to coal exported for consumption in the United States of America;
  - (c) That the assistance shall apply only to shipments of coal from coal mines or coal properties which were operating under legal permit and shipping coal prior to December 31, 1930;
  - (d) That the assistance shall not be granted to those applying who refuse or fail to furnish such information as the Minister of Mines may consider necessary in the administrative duties connected with this assistance; 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 coal producers or distributors in connection with this assistance and make such examination thereof as may be considered necessary or expedient;
  - (e) That total annual payments to be made under this authority shall not exceed the sum of One Hundred Thousand dollars.

3. The Minister of Mines reserves the right of refusing approval in each and every application for assistance under this authority;

4. The Dominion Fuel Board be charged with the duty of administering this Order in Council and shall report to the Minister of Mines as to the amounts paid under the provisions thereof each year.

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