

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

COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEAR

1944

Published by Authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1946

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, manufactures 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—Aerated Waters, Coffee and Spices; Coco 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); Woollen 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 Primary Iron and Steel—(Pig Iron and Ferro-Alloys; Steel and Rolled Products); Iron Castings; Heating and Cooking Apparatus; Boilers, Tanks and Engines; Farm Implements; Machinery; Automobiles; Auto Parts; Aircraft; Shipbuilding; Bicycles; Railway Rolling Stock; Wire and Wire Goods; Sheet Metal Products; Hardware, Tools and Cutlery; Bridge Building and Structural Steel Work; Miscellaneous Iron and Steel Products.
- (6) **Manufactures of the Non-Ferrous Metals**, including—Aluminum Products; Brass and Copper Products; White Metal 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—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; Medicinal and Pharmaceutical Preparations; Paints, Pigments and Varnishes; Soaps and Washing Compounds—Toilet Preparations; Inks; Adhesives; Polishes and Dressings; Hardwood Distillation; Miscellaneous Chemical Products, including, (a) Boiler Compounds, (b) Cellulose Products; (c) Insecticides; (d) Sweeping Compounds, (e) Disinfectants; (f) Matches; (g) Dyes and Colours; (h) Explosives, Ammunition and Fireworks; (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

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

The entire Canadian coal and coke industry has, since December, 1939, been subjected to Government licensing under the Wartime Prices and Trade Board. No company or individual is permitted to operate without a licence, the order applying to manufacturers, importers exporters, producers, jobbers, wholesalers and retailers of coal and coke. The licence system has been adopted "to keep the Government adequately informed of the situation relating to the production, importation and distribution of coal, to assure an adequate distribution of coal and to protect the public against any undue advance in price."

A close liaison is maintained between the Coal Division of the Mining, Metallurgical and Chemical Branch and the Office of the Coal Controller. Statistics on production, trade and employment are constantly being supplied.

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 Bureau gratefully acknowledges its indebtedness to the governments of the coal-producing provinces for co-operation in this connection, and to the office of the Coal Controller, for their assistance.

This report has been prepared under the direction of Mr. W. H. Losse, B.Sc., Chief of the Mining, Metallurgical and Chemical Branch of the Bureau by Mr. J. E. Whimster.

HERBERT MARSHALL,
Dominion Statistician.

DOMINION BUREAU OF STATISTICS,
Ottawa.

April 15, 1946.

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.

At the end of the year a detailed statement on capital, expenses, equipment, power and other statistics of a general character are obtained from each mine, as well as a summary and check of the monthly production records.

(2) IMPORTS AND EXPORTS

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

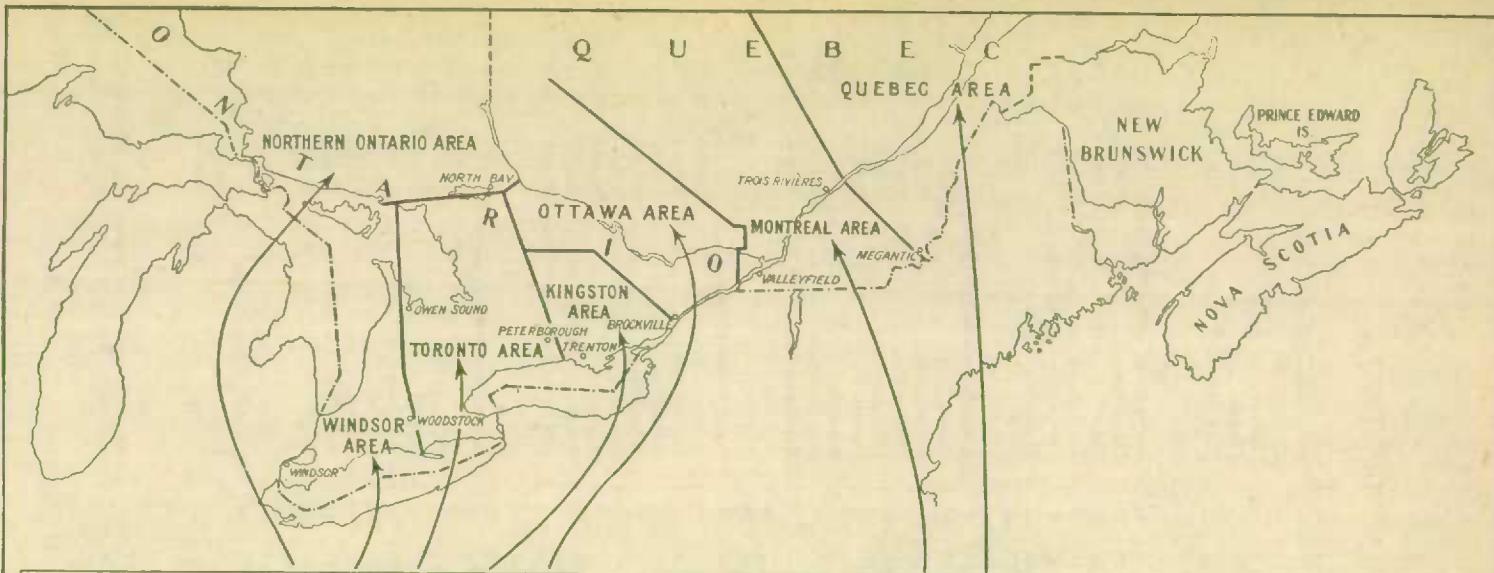
(3) PUBLICATIONS OF THE BUREAU ON COAL

The Bureau issues the following reports:

- (1) A condensed bulletin on production, imports and exports of coal and coke is issued monthly, publication being made about the twentieth of the next following month.
- (2) An annual report on production, imports, distribution, labour, capital, and orders-in-council relating to movements of Canadian coal, etc.

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	ONTARIO	WINDSOR	TORONTO	KINGSTON	OTTAWA
ANTHRACITE					
GREAT BRITAIN	Imported direct	—	10,676	—	—
	Received ex-Montreal	315	—	2,738	—
UNITED STATES	Imported direct	55,702	202,358	1,973,096	84,224
	TOTAL	56,017	202,358	1,986,510	84,576
BITUMINOUS					
UNITED STATES	Received ex-Montreal	5,015,902	3,221,484	7,291,042	543,937
NOVA SCOTIA	Received ex-mines	—	—	—	1,136,028
NEW BRUNSWICK	Received ex-mines	—	—	—	—
ALBERTA	Received ex-mines	—	—	15,456	—
BRITISH COLUMBIA	Received ex-mines	—	—	807	—
LIGNITE	SASKATCHEWAN	—	—	16,624	—
ALBERTA	—	—	—	8,444	—

	MONTREAL	QUEBEC
ANTHRACITE		
GREAT BRITAIN	† 68,848	15,268
UNITED STATES	1,488,640	79,755
TOTAL	1,557,488	95,023
BITUMINOUS		
GREAT BRITAIN	—	—
UNITED STATES	5,240,232	841,288
NOVA SCOTIA	485,159	—
NEW BRUNSWICK	2,473	—

† Excludes coal shipped into this area and then trans-shipped to Ontario areas.

**RECEIPTS OF COAL
IN
ONTARIO AND QUEBEC
BY AREAS
1944
(Short Tons)**

Scale of Miles



DOMINION BUREAU OF STATISTICS

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COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEAR 1944

CHAPTER ONE

CANADA

Production of coal in Canada in 1944 totalled 17,026,499 tons valued at \$70,433,169, a decrease of 4·6 per cent from the 1943 production of 17,859,057 tons. Of the total production for the year, Alberta contributed 7,428,708 tons; Nova Scotia 5,745,671 tons; British Columbia 2,134,231 tons; Saskatchewan 1,372,766 tons, and New Brunswick 345,123 tons.

Exports of Canadian coal during 1944 amounted to 1,010,240 tons compared with 1,110,101 tons in 1943.

Imports of coal into Canada in 1944 totalled 28,926,925 tons, a slight increase over the 28,852,654 tons imported in the previous year. The coal imported during the year included 24,513,527 tons of bituminous coal and 4,194,716 tons of anthracite coal from the United States, and 218,511 tons of anthracite coal from Great Britain.

The average number of employees at coal mines in Canada during 1944 was 25,234 compared with 24,866 in 1943. Salaries and wages paid during the year totalled \$55,020,537 compared with \$47,291,919 in 1943. The 1944 wages include retroactive payments of the dollar a day wage increase which apply to the months of November and December 1943, but which were paid in 1944.

Coal made available for consumption in 1944 amounted to 44,943,184 tons, a decrease of 1·4 per cent from the tonnage made available in the previous year. These figures do not represent the quantity consumed during the year but are the actual tonnages of new coal made available for use, and are calculated by subtracting the exports from the production and adding the imports.

In addition to coal consumption, Canada's fuel requirements include coke, natural and artificial gas, fuel oil, wood and electricity, all of which are used for both industrial and domestic purposes.

During 1944 Canadian producers sold 203,562 tons of coke (made from coal) for domestic use; 1,732,546 tons were used in metallurgical works operated by the producing companies; 351,077 tons were used by coke plants as fuel or to make water gas, and 1,988,823 tons were sold for other purposes. Imports of coke into Canada decreased to 813,352 tons in 1944 from 920,955 tons in 1943. The manufacturers of coke and gas in Canada used 1,221,275 tons of Canadian coal and 4,090,680 tons of imported coal in 1944.

The production of petroleum coke during the year amounted to 72,809 tons; imports totalled 221,970 tons and exports 27,104 tons. Sales for domestic and industrial heating totalled 25,616 tons in 1944 compared with 18,868 tons in the preceding year. On December 31, 1944 stocks of petroleum coke in the hands of fuel dealers, distributors, importers and in storage at refineries totalled 6,580 tons.

Natural gas produced in 1944 totalled 45,067,158 thousand cubic feet; of this, 702,464 thousand cubic feet were produced in New Brunswick; 7,082,508 thousand cubic feet in Ontario; 37,161,570 thousand cubic feet in Alberta, and the remainder was obtained from wells in Saskatchewan and Northwest Territories.

Manufactured gas, sold and used, amounted to 79,055,403 thousand cubic feet in 1944, including 60,818,326 thousand cubic feet from by-product ovens and 18,237,077 thousand cubic feet from gas plants. Sales of gas by the producers totalled 21,101,351 thousand cubic feet, of which 12,227,509 thousand cubic feet were from by-product ovens and 8,873,842 thousand cubic feet were from gas works. Most of the remaining gas was used as fuel in the producing plants or in their associated metallurgical works. These figures do not include 56,772 thousand cubic feet of (Pintsch) oil gas for lighting railway cars, 10,601,455 thousand cubic feet of still gas recovered at petroleum refineries, nor iron blast furnace gas and some producer gas which was recovered and used by the producers but for which no records are available.

Canada's supply of fuel and gas oils made available in 1944 amounted to 926.4 million imperial gallons as against 848.9 million imperial gallons a year ago. The Canadian consumption of fuel oil in 1944 included 103.3 million gallons for domestic and building heating, 339.7 million gallons for industrial use, 305.6 million gallons for bunkering purposes, 60.3 million gallons for railways and 68.2 million gallons for tractor fuel. A possible coal displacement of 684,296 tons was indicated by the quantity of fuel oil used for domestic heating in 1944.

Table 1.—Output of Coal from Canadian Mines, 1785-1944

Year	Short tons	Value	Average per ton	Year	Short tons	Value	Average per ton
1785-1866.....	2,863,826	4,905,462	1.71	1906.....	9,762,601	19,732,019	2.02
1867.....	631,320	1,056,725	1.67	1907.....	10,511,426	24,381,842	2.32
1868.....	623,392	1,073,061	1.72	1908.....	10,886,311	25,194,573	2.31
1869.....	687,825	1,155,282	1.68	1909.....	10,501,475	24,781,236	2.36
1870.....	752,635	1,243,139	1.65	1910.....	12,909,152	30,909,779	2.39
1871.....				1911.....	11,323,388	28,467,646	2.34
1872.....				1912.....	14,512,829	36,019,044	2.48
1873.....				1913.....	15,012,178	37,334,940	2.49
1874.....	1,063,742	1,763,423	1.66	1914.....	13,637,529	33,471,801	2.45
1875.....	1,039,974	1,747,016	1.68	1915.....	13,267,023	32,111,182	2.42
1876.....	994,762	1,729,546	1.74	1916.....	14,483,393	38,817,481	2.68
1877.....	1,030,670	1,794,415	1.73	1917.....	14,046,759	43,199,931	3.08
1878.....	1,089,744	1,941,295	1.78	1918.....	14,977,926	55,192,896	3.68
1879.....	1,116,497	2,050,639	1.82	1919.....	13,919,096	55,622,670	3.99
1880.....	1,492,714	2,657,104	1.79	1920.....	16,946,784	82,490,538	4.86
1881.....	1,537,108	2,688,821	1.75	1921.....	15,057,493	72,451,656	4.81
1882.....	1,848,148	3,248,446	1.76	1922.....	15,157,431	65,518,407	4.32
1883.....	1,818,684	3,109,635	1.71	1923.....	16,990,571	72,058,936	4.24
1884.....	1,984,050	3,593,831	1.81	1924.....	13,638,197	53,583,988	3.93
1885.....	1,920,977	3,417,807	1.78	1925.....	13,134,968	49,261,951	3.75
1886.....	2,116,653	3,739,840	1.77	1926.....	16,478,131	59,575,094	3.63
1887.....	2,429,330	4,388,206	1.81	1927.....	17,426,861	61,867,463	3.55
1888.....	2,602,552	4,674,140	1.80	1928.....	17,564,293	63,757,833	3.63
1889.....	2,658,303	4,894,287	1.84	1929.....	17,496,557	63,065,170	3.60
1890.....	3,084,682	5,676,247	1.84	1930.....	14,881,324	52,849,748	3.55
1891.....	3,577,749	7,019,425	1.96	1931.....	12,243,211	41,207,682	3.37
1892.....	3,287,745	6,363,757	1.94	1932.....	11,738,913	37,117,695	3.16
1893.....	3,783,499	7,359,080	1.95	1933.....	11,903,344	35,923,962	3.02
1894.....	3,847,070	7,429,468	1.93	1934.....	13,810,193	42,045,042	3.04
1895.....	3,478,314	6,739,153	1.84	1935.....	13,898,066	41,963,110	3.02
1896.....	3,745,716	7,236,462	1.93	1936.....	15,229,182	45,791,934	3.00
1897.....	3,784,107	7,303,597	1.93	1937.....	15,835,054	48,752,048	3.08
1898.....	4,173,108	8,224,295	1.97	1938.....	14,294,718	43,982,171	3.08
1899.....	4,925,051	10,283,497	2.09	1939.....	15,692,698	48,676,900	3.10
1900.....	5,777,319	13,742,178	2.38	1940.....	17,566,884	54,675,844	3.11
1901.....	6,480,325	12,609,243	1.96	1941.....	18,225,921	58,059,630	3.19
1902.....	7,466,681	15,210,877	2.04	1942.....	18,865,030	62,897,581	3.33
1903.....	7,960,361	15,042,833	2.00	1943.....	17,859,057	62,877,549	3.52
1904.....	8,254,595	16,592,231	2.01	1944.....	17,026,499	70,433,169	4.14
1905.....	8,667,048	17,520,263	2.02	Total.....	686,348,556	2,101,717,301	3.06

*For the years 1919-1944 the tonnage shown is the total output from all mines; for previous years the tonnage shown includes only sales, colliery consumption, and coal used by the operators.

Table 2.—Output of Coal in Canada, by Grades, 1918-1944

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	55,192,896
1919.....	85,579	10,892,016				2,841,471			13,919,096	55,822,670
1920.....	127,513	13,122,924				3,696,327			16,946,764	52,496,538
1921.....	96,864	330,699	11,680,477	58,848,444		3,280,032	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	65,519,497
1923.....	107	322	12,941,877	58,478,670	466,402	1,399,424	3,582,095	12,180,570	16,390,571	72,059,986
1924.....		9,483,732	40,682,894		590,168	1,761,086	3,584,297	11,170,008	13,638,197	53,583,998
1925.....		8,939,607	36,793,501		570,654	1,731,267	3,624,707	10,737,183	13,134,968	49,261,951
1926.....		12,393,079	48,153,572		489,736	1,458,116	3,595,316	10,263,406	16,479,131	58,875,094
1927.....		13,006,996	49,385,818		596,155	1,784,973	3,823,710	10,696,672	17,426,961	61,867,163
1928.....		12,971,744	50,584,108		740,496	2,070,212	3,852,053	11,097,513	17,564,293	63,757,833
1929.....		12,859,822	49,995,261		668,702	1,908,854	3,988,033	11,160,055	17,496,557	63,065,170
1930.....		10,824,839	41,789,081		603,358	1,705,236	3,453,127	9,355,451	14,481,324	52,849,748
1931.....		8,861,340	33,165,730		471,343	1,211,197	2,910,508	8,830,755	12,243,211	41,287,652
1932.....		7,714,279	28,073,744		560,902	1,329,316	3,463,732	7,714,635	11,738,913	37,117,685
1933.....		7,079,233	27,757,150		554,118	1,274,017	3,369,943	8,892,795	11,903,314	35,923,962
1934.....		10,058,782	34,356,274		637,508	1,256,936	3,213,903	8,432,732	13,810,193	42,045,942
1935.....		9,749,841	33,150,781		566,425	1,410,926	3,572,740	7,401,403	13,888,066	41,963,110
1936.....		10,796,135	36,256,347		566,235	1,432,741	3,866,812	8,102,846	15,229,182	45,791,924
1937.....		11,634,379	39,661,259		506,280	1,314,196	3,695,315	7,776,593	15,435,934	48,752,048
1938.....		10,329,782	35,403,781		488,915	1,269,131	3,478,021	7,309,259	11,294,718	43,982,171
1939.....		11,769,296	40,119,905		512,101	1,323,401	3,411,301	7,233,684	15,692,698	48,676,990
1940.....		13,333,037	45,350,950		568,656	1,569,771	3,635,161	7,755,123	17,566,584	51,675,844
1941.....		13,603,307	47,391,274		585,453	1,593,549	4,037,161	9,074,807	18,225,921	54,058,630
1942.....		13,616,215	49,730,504		733,547	2,100,859	4,615,208	11,066,188	18,865,030	62,897,581
1943.....		11,985,253	47,358,853		792,282	2,399,989	5,081,552	13,124,407	17,859,057	62,877,549
1944.....		111,776,439	154,006,502		729,427	2,537,002	4,520,633	12,989,575	17,026,499	70,433,169

*Not separately reported prior to 1923.

Table 3.—Output and Value of Coal in Canada, by Kinds and by Provinces, 1943 and 1944

(Short tons)

Province	1943			1944		
	Number of mines	Quantity	Value	Number of mines	Quantity	Value
Nova Scotia (Bituminous).....	40	6,103,085	27,121,861	37	5,745,671	30,728,535
New Brunswick (Bituminous).....	39	372,873	1,641,069	32	345,123	1,845,277
Manitoba (Lignite).....	1	998	2,964			
Saskatchewan (Lignite).....	*80	1,665,972	2,432,249	*66	1,372,766	2,034,914
Alberta—						
Bituminous.....	14	3,489,893	10,042,203	14	3,551,414	13,323,274
Sub-bituminous.....	12	792,252	2,399,289	12	729,427	2,537,002
Lignite.....	159	3,414,681	10,689,194	158	3,147,867	10,954,661
Total.....	†185	7,676,726	24,030,686	†184	7,428,708	26,814,937
British Columbia (Bituminous).....	30	2,039,402	7,648,720	31	2,134,231	9,009,506
Yukon (Bituminous).....						
Canada—						
Bituminous.....	123	11,985,353	47,353,853	114	11,776,439	54,906,592
Sub-bituminous.....	12	792,252	2,399,289	12	729,427	2,537,002
Lignite.....	240	5,081,552	13,124,407	224	4,520,633	12,989,575
Total.....	375	17,859,057	62,877,549	350	17,026,499	70,433,169

* Exclusive of 19 small mines in operation during part of 1943 and 25 small mines operating during part of 1944.

† Exclusive of 19 small mines operated under special permits in 1943 and 19 small mines in 1944.

Table 4.—Output of Coal from Canadian Mines, by Months, 1940-1944
(Short tons)

Month	1940	1941	1942	1943	1944
January.....	1,732,885	1,777,863	1,919,284	1,559,304	1,626,068
February.....	1,400,395	1,501,970	1,712,029	1,578,404	1,454,614
March.....	1,341,189	1,546,559	1,610,242	1,688,463	1,546,446
April.....	1,273,015	1,232,802	1,523,885	1,387,020	1,236,200
May.....	1,267,687	1,222,976	1,318,663	1,318,099	1,290,481
June.....	1,150,942	1,179,578	1,388,453	1,365,993	1,233,251
July.....	1,253,787	1,214,319	1,497,197	1,387,654	1,168,859
August.....	1,398,145	1,404,335	1,468,448	1,441,577	1,379,044
September.....	1,366,391	1,599,014	1,469,691	1,463,498	1,391,475
October.....	1,734,009	1,903,605	1,574,871	1,560,411	1,528,291
November.....	1,878,344	1,828,937	1,646,387	1,472,424	1,638,628
December.....	1,671,005	1,813,963	1,739,700	1,627,210	1,533,142
Total.....	17,568,884	18,225,921	18,865,839	17,859,057	17,026,499

Table 5.—Output and Value of Coal in Canada, by Kinds and by Months, 1944

Month	Bituminous		Sub-Bituminous		Lignite		Total	
	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value
January.....	1,061,113	4,802,828	74,131	262,381	490,824	1,431,902	1,626,068	6,497,111
February.....	1,018,528	4,505,898	72,240	259,622	363,846	1,004,645	1,454,614	5,770,165
March.....	1,120,423	5,132,521	64,233	220,143	352,790	921,994	1,546,416	6,271,658
April.....	972,253	4,479,056	54,937	186,119	209,010	555,877	1,236,206	5,221,882
May.....	1,000,096	4,625,939	56,843	192,562	233,542	673,260	1,290,181	5,491,761
June.....	928,447	4,595,476	48,221	163,859	256,583	815,111	1,233,251	5,575,446
July.....	870,831	4,130,467	59,723	200,413	238,305	737,427	1,168,853	5,068,307
August.....	986,745	4,640,372	57,203	198,392	335,096	1,057,194	1,379,044	5,895,958
September.....	937,492	4,330,009	61,481	208,178	392,502	1,166,502	1,391,475	5,704,689
October.....	966,352	4,689,730	68,666	237,132	493,273	1,387,115	1,528,291	6,313,977
November.....	986,301	4,671,945	58,180	211,179	594,147	1,674,115	1,638,628	6,357,239
December.....	918,858	4,301,321	53,569	197,022	560,715	1,564,433	1,533,142	6,062,776
Total.....	11,776,439	54,906,592	729,427	2,537,002	4,528,633	12,989,575	17,026,499	70,433,169

Table 6.—Tonnage Lost in the Coal Mines of Canada, in 1943 and 1944 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.....	1943	77	23	16.8	0.2	0.2	4.5
	1944	76	24	19.0	0.1	.....	1.4
NEW BRUNSWICK.....	1943	86	14	4.9	0.5	.....	3.5
	1944	85	15	7.4	.....	0.1	1.6
MANITOBA.....	1943	87	13	.....	.....	.....	13.0
	1944	.....	.....	.....	.....	.....	.....
SASKATCHEWAN.....	1943	92	8	0.6	3.3	.....	2.0
	1944	82	18	0.2	16.4	.....	0.4
ALBERTA.....	1943	88	12	7.7	0.9	0.8	0.9
	1944	82	18	5.6	5.4	3.5	0.7
BRITISH COLUMBIA.....	1943	90	10	6.4	0.2	0.1	0.3
	1944	85	15	10.6	0.2	0.6	0.3
Canada.....	1943	85	15	10.2	0.6	0.3	2.2
	1944	80	20	10.7	3.7	1.6	0.9

Table 7.—Tonnage Lost in the Coal Mines of Canada Showing, by Months, the Relative Percentage Produced and Lost with an Analysis of the Percentage Lost in 1944

Month	Per cent produced	Per cent lost	Percentage lost through:				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
January.....	85	15	8.2	2.7	0.5	1.2	2.4
February.....	80	20	7.7	7.1	1.7	0.8	2.7
March.....	80	20	8.1	7.5	1.5	0.9	2.0
April.....	77	23	10.9	8.9	0.1	0.6	2.6
May.....	77	23	13.2	6.1	.....	1.4	2.3
June.....	74	26	12.8	4.7	4.4	1.0	3.1
July.....	74	28	13.6	2.5	2.3	1.3	6.3
August.....	79	21	12.2	1.5	1.7	0.9	4.7
September.....	81	19	12.4	1.1	1.8	0.6	3.1
October.....	85	15	9.5	0.6	1.7	0.8	2.4
November.....	86	14	8.3	0.3	2.1	1.0	2.3
December.....	82	18	12.3	1.0	1.0	0.4	3.3
Average.....	80	20	10.7	3.7	1.6	0.9	3.1

Table 8.—Disposition of Coal from Canadian Mines, 1943 and 1944

	1943			1944					Average value per ton	
	Total coal	Total value	Average value per ton	Run-of-mine	Cobble and Lump	Nut and other grades	Slack	Total coal		
	Tons	\$	\$	Tons	Tons	Tons	Tons	Tons	\$	
Supplied to employees for domestic consumption.....	250,651	785,423	3.13	179,044	50,143	6,583	8,545	244,315	930,393	3.81
Used for power purposes—										
(a) Shops.....	67,287	313,378	4.65	3,851	1,333	33,639	11,888	50,711	257,910	5.08
(b) Colliery boilers.....	466,018	1,259,070	2.70	111,154	5,293	48,084	314,668	479,190	1,425,369	2.97
(c) Companies' railroads.....	58,735	231,308	3.94	39,653	8,589	5,275	.....	53,517	215,644	4.03
(d) Harbour tugs and dredges.....	1,900	6,954	3.66	1,633	.....	.....	.....	1,633	5,897	3.61
Shipped. (See Table 10)—										
(a) Ships' bunkers.....	350,516	.....	.....	125,881	9,700	.....	60,460	205,041	.....	.....
(b) Railroads.....	3,601,551	59,095,523	3.66	3,605,919	339,669	21,451	78,872	4,045,911	66,127,127	4.30
(c) Other.....	12,185,046	.....	.....	1,039,350	3,870,047	1,966,895	4,245,621	11,122,819	.....	.....
Used in making coke at colliery.....	231,596	591,908	2.55	.....	.....	.....	228,251	228,251	704,748	3.09
Used in making briquettes.....	208,807	569,349	2.72	.....	.....	.....	239,651	239,651	851,233	3.55
Put on bank.....	1,033,864	3,355,315	3.24	78,748	131,813	33,214	978,123	1,221,898	3,977,608	3.25
Put on waste heap.....	437,237	.....	.....	.....	.....	.....	.....	387,062	.....	.....
Total disposition.....	18,902,208	66,263,226	3.50	5,185,239	4,417,487	2,115,141	6,175,879	18,289,008	74,495,329	4.07
Lifted from bank.....	1,038,959	3,350,677	3.21	38,484	103,312	24,281	1,078,717	1,244,794	4,062,760	3.26
Lifted from waste heap.....	4,182	.....	.....	.....	.....	.....	.....	8,715	.....	.....
Total output.....	17,859,057	62,877,549	3.52	5,146,755	4,314,175	2,000,860	5,096,362	17,026,499	70,433,169	4.14

Table 9.—Disposition of Coal from Canadian Mines, by Provinces, 1944

(Short tons)

	Nova Scotia	New Brunswick	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
Supplied to employees for domestic consumption.....	168,154	4,290	.....	10,626	46,534	14,711	244,315
Coal shipped. (See Table 10).....	5,290,860	330,689	.....	1,313,367	6,696,054	1,741,901	15,373,771
Used under colliery boilers, etc.....	252,598	7,523	.....	21,902	172,781	24,395	479,199
Used by companies' railroads.....	35,983	1,144	.....	6,289	5,259	4,842	53,517
Used for manufacture of coke at colliery.....	.....	.....	.....	.....	101,633	126,618	228,251
Used in making briquettes.....	.....	.....	.....	43	239,608	.....	239,651
Used in shops, etc.....	50,711	.....	.....	.....	.....	.....	50,711
Used by harbour tugs and dredges.....	1,633	.....	.....	.....	.....	.....	1,633
Put on bank.....	1,094,381	7,442	.....	24,125	40,014	55,936	1,221,898
Put on waste heap.....	2,444	387	.....	25,974	153,541	204,716	387,062
Total disposition.....	6,896,764	351,475	.....	1,402,326	7,456,324	2,173,119	18,289,008
Lifted from bank.....	1,148,724	8,333	.....	29,560	23,542	36,635	1,244,794
Lifted from waste heap.....	2,369	19	.....	.....	4,074	2,253	8,715
Total output.....	5,745,671	345,123	.....	1,372,766	7,428,708	2,131,231	17,026,499

Table 10.—Shipments of Coal from Canadian Mines, by Grades and Destinations,
1943 and 1944
(Short tons)

Destination	1943					1944				
	Run-of-mine	Cobble and Lump	Nut and other grades	Slack	Total	Run-of-mine	Cobble and Lump	Nut and other grades	Slack	Total
Prince Edward Island	1,364	84,280	6,213	34,160	126,017	1,911	86,080	11,154	33,573	132,728
Nova Scotia	163,650	886,158	67,681	1,282,477	2,389,975	118,608	866,940	76,805	1,359,430	2,421,783
New Brunswick	249,633	311,141	24,792	487,315	1,072,851	203,732	355,413	34,161	549,428	1,142,734
Quebec	56,906	59,444	21,534	487,784	623,668	5,767	63,778	15,305	389,157	474,067
Ontario	—	1,190	14,513	88	15,791	—	4,709	21,057	855	26,621
Manitoba	52,808	502,632	503,729	613,167	1,672,396	16,172	407,830	421,779	533,028	1,378,809
Saskatchewan	139,483	899,196	609,074	556,036	2,203,789	80,407	750,176	581,597	390,556	1,802,736
Alberta	278,980	635,353	319,427	288,675	1,522,435	283,255	543,970	294,046	283,833	1,405,113
British Columbia	238,348	575,374	416,861	417,035	1,647,618	226,205	470,809	403,584	395,619	1,496,217
Yukon	—	—	—	—	—	—	—	—	—	—
Northwest Territories	—	—	—	—	—	—	—	—	—	—
Total domestic shipments	1,171,241	3,954,708	1,983,824	4,106,737	11,276,570	936,057	3,549,724	1,859,548	3,935,479	10,280,988
Railroads—										
In Canada	3,062,770	238,610	114,647	79,352	3,495,388	3,585,756	288,690	21,451	78,591	3,974,468
In United States	19,155	—	—	—	19,155	20,163	91	—	281	20,533
In Newfoundland	—	87,008	—	—	87,008	—	50,888	—	—	50,888
Ships' bunkers	172,739	11,188	—	94,481	278,408	97,297	9,700	—	69,460	176,457
Ships' bunkers via United States	70,683	—	7,470	2,955	81,108	28,584	—	—	—	28,584
Total railroads and ships' bunkers	3,325,347	336,815	122,117	176,788	3,961,067	3,731,800	349,360	21,451	148,332	4,250,982
Greenland	—	—	—	—	—	—	654	—	—	654
United States	139,162	63,589	66,635	307,440	576,826	83,244	67,801	103,817	244,027	498,889
Alaska	—	12,555	2,310	—	14,865	—	11,636	3,530	—	15,166
Newfoundland	2,851	236,613	—	86,108	303,572	20,055	228,731	—	65,197	311,983
St. Pierre	—	11,213	—	—	11,213	—	8,996	—	—	8,996
Chile	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—	—
Lost at sea	—	—	—	—	—	—	5,405	—	918	6,323
Total external shipments	142,013	323,970	68,045	373,548	908,476	103,299	321,223	107,347	310,142	842,011
Total	4,638,001	4,615,553	2,174,886	4,717,073	16,146,113	4,771,156	4,226,316	4,968,346	4,393,953	15,373,771

Table 11.—Exports of Canadian Coal, 1873-1944
(Compiled in the External Trade Branch)

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$			\$
1873	420,683	—	1897	986,130	—	1921	1,987,251	13,896,370
1874	310,988	—	1898	1,150,029	—	1922	1,818,582	11,159,060
1875	250,348	—	1899	1,293,169	—	1923	1,654,406	10,661,399
1876	248,638	—	1900	1,787,777	—	1924	773,246	4,836,848
1877	301,317	—	1901	1,573,661	—	1925	785,910	4,329,173
1878	327,959	—	1902	2,090,268	—	1926	1,028,200	5,739,436
1879	306,648	—	1903	1,954,629	—	1927	1,113,330	5,890,250
1880	432,188	—	1904	1,557,412	—	1928	863,941	4,469,999
1881	395,382	—	1905	1,635,287	—	1929	842,972	4,375,328
1882	412,682	—	1906	1,835,041	—	1930	624,512	3,345,998
1883	486,811	—	1907	1,894,074	—	1931	359,853	1,909,922
1884	474,405	—	1908	1,728,833	—	1932	285,487	1,453,036
1885	427,937	—	1909	1,588,099	—	1933	259,233	1,188,225
1886	520,703	—	1910	2,377,049	—	1934	306,335	1,400,978
1887	580,965	—	1911	1,500,639	—	1935	418,391	1,906,647
1888	588,627	—	1912	2,127,133	—	1936	411,574	1,792,584
1889	665,315	—	1913	1,562,020	3,951,351	1937	355,268	1,441,870
1890	724,486	—	1914	1,423,126	3,780,176	1938	333,181	1,540,990
1891	971,259	—	1915	1,766,543	5,408,058	1939	376,203	1,666,034
1892	823,733	—	1916	2,135,359	7,099,287	1940	504,998	2,361,551
1893	960,312	—	1917	1,733,156	7,387,192	1941	531,449	2,596,626
1894	1,103,694	—	1918	1,817,195	9,405,423	1942	815,555	4,278,345
1895	1,011,235	—	1919	2,070,650	12,438,885	1943	1,110,101	5,428,362
1896	1,106,661	—	1920	2,558,174	18,014,899	1944	1,010,240	5,984,827
						Total	74,588,977	

Table 12.—Exports of Canadian Coal from Eastern and Western Canada, 1940-1944
 (Short tons)

	1940	1941	1942	1943	1944
Eastern Canada.....	310,495	355,662	505,578	496,962	495,175
Western Canada.....	194,403	175,787	310,007	613,139	515,065
Total.....	504,898	531,449	815,585	1,110,101	1,010,240

Table 13.—Exports of Canadian Coal, by Destinations, 1943 and 1944
 (Compiled in the *External Trade Branch*)

Destination	1943		1944	
	Short tons	Value	Short tons	Value
Newfoundland.....	390,741	2,434,652	372,372	2,670,984
Greenland.....			654	5,548
St. Pierre and Miquelon.....	7,811	55,662	6,628	52,910
United States.....	711,540	2,937,864	630,456	3,254,335
Alaska.....	9	184	130	1,050
Total.....	1,110,101	5,428,362	1,010,240	5,984,827

IMPORTS

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

Table 14.—Size Classification of Anthracites Imported into Canada (*)

Authority and Date		Royal Commission on Anthracite, Feb. 1937. Page 71. Also South Wales Coal Annual, 1932.			Scotch Anthracite Coal Company, Montreal, May 19, 1939.			American Soc. for Testing Materials: Standards on Coal and Coke, Designation D-310-34. P. 51. Sept. 1934.		
Customs Compilation Statistical Code No.	Tariff Item	Welsh			Scotch			United States		
		Exporter's Designation	Size—Inches		Exporter's Designation	Size—Inches		Exporter's Designation	Size—Inches	
			Through	Over		Through	Over		Through	Over
7062	586	Large		6"	Large		4½"	Broken	4½"	3½"
		Machine made Cobbles	4"	2½"	Cobbles	4½"	3"	Furnace Egg	3½"	2 7/16"
		Screened Cobbles	3"	1½"	Trebles	3"	2"	Stove	2 7/16"	1 11/16"
		French Nuts	2 1/8"	1 1/8"	Doubles	2"	1 1/8"	Chestnut	1 1/8"	13/16"
7063	586	Stove Nuts	1 1/8"	1"	Singles	1 1/8"	1" or 1 1/8"			
		Pea Nuts	1 1/8"	1"				Pea	13/16"	9/16"
		Beans			Beans	1" or 1"	1"	No. 1 Buckwheat	9/16"	5/16"
7061	588	Peas	1"	1"				No. 2 " (Rice)	5/16"	3/16"
		Grains	1"	1"				No. 3 (Barley)	3/16"	3/32"
		Rubby Culm (See Note 1)	1 1/8"							
		Duff	1"		Duff	1" or 1"				
		Importers Invoices—1938 and correspondence with J. M. Honig, Dated Dec. 23, 1932.			Report on Coal Industry of French Indo-China. C. L. O'Brian.			Report by J. A. Langley (Canadian Government Trade Commissioner) of July 28, 1937, and Report of Chief Inspector of Mines (Netherlands), 1938.		
		Germany			Indo-China			Netherlands		
Customs Compilation Statistical Code No.	Tariff Item	Exporter's Designation	Size—mm.		Exporter's Designation	Size—mm.		Exporter's Designation	Size—mm.	
			Through	Over		Through	Over		Through	Over
		Cobbles	120	80	Large Screened (Lump)	120	80	Lump Nuts 0	120	80
7062	586	Nut 1	80	50	Screened (Crible)	80	50	Nuts I	80	50
		Nut 2	50	25	Nut (Braisette)	50	30	Nuts II	50	30
		Nut 3 (Note 2)	30	20	Nut (Noisette)	30	18	Nuts III	30	20
7063	586	Nut 4 (Note 3)	20	10	Nut (Noisette)	18	10	Nuts IV	20	8
		Perl Nut 5 (Grom)	14	6				Nuts V	8	6
		10	6							
7061	588	Fine	6		Ordinary Dust	30		Duff	5	
					Fine Dust	10				

Table 14.—Size Classification of Anthracites Imported into Canada (*)—Concluded

		Correspondence with Canadian Import Co. Ltd., Nov. 19, 1938.		Colliery Guardian, May 1, 1936.				Report by Yves Lamontagne (Can. Government Trade Commissioner), July 10, 1937.			
Customs Compilation Statistical Code No.	Tariff Item	Morocco		Russia				Belgium			
		Exporter's Designation	Size—mm. Through Over	Exporter's Designation	Size—mm. Through Over	Exporter's Designation	Size—mm. Through Over	Exporter's Designation	Size—mm. Through Over	Exporter's Designation	Size—mm. Through Over
7062	586	Cobbles	120	80	Large best selected Cobbles A. 3	125	125 87	Cribles			120
					Cobbles A. 2	87	62	Gaillettes	120	80	
					Cobbles A. 2'	90	50				
		Nuts I	80	50	Stove A. 1	62	22	Gailettes	80	50	
					French Nuts A. 1	50	25	Gailettes	50	30	
		Nuts III	30	22	Stove Nuts A. 1'	40	20	Braissettes	35	22	
					Stove Nuts A. M. O.	30	15				
7063	586	Nuts IV	22	12	Beans A.M.	25	12	Braissettes	22	10	
		Nute IV B	12	8	Peas A.S.	15	6	Braissettes	22	5	
		Nuts V	8	5				Braissettes	20	5	
7061	588	Dust	8		Rubbly Culm R.K.	25		Grains laves	10	1	
					Breaker Duff A.S.T.	6		Grains laves	5		
					Billy Duff A.S.T.	6					

Equivalents in Inches of Millimeter Sizes						
Millimetres	Inches	Millimeters	Inches	Millimeters	Inches	
125	4-15/16	40	1-37/64	14	35/64	
120	4-47/64	35	1-3/8	12	15/32	
90	3-35/64	30	1-3/16	10	25/64	
87	3-27/64	25	63/64	8	5/16	
80	3-5/32	22	7/8	6	15/64	
62	2-7/16	20	25/32	5	13/64	
50	1-31/32	15	19/32	1	3/64	

*From a statement supplied by the Dominion Fuel Board.

Note 1. *Rubbly Culm* is the nutty small passing through the longitudinal bars spaced 1½" used in making "screened cobbles". This product is usually sold for steam raising purposes.

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

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

Table 15.—Imports of Coal into Canada "Entered for Consumption" 1925-1944
(Compiled in the *External Trade Branch*)

Year	Anthracite		Bituminous		Lignite		Total	
	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value
	\$	\$	\$	\$	\$	\$	\$	\$
1925.....	3,782,557	32,096,509	12,548,460	26,974,340	18,653	87,832	16,349,670	59,158,681
1926.....	4,192,419	34,202,166	12,376,606	25,511,932	10,423	45,567	16,579,448	59,739,665
1927.....	4,107,854	31,282,371	14,368,671	30,457,884	10,829	44,254	18,687,354	61,781,509
1928.....	3,748,816	27,680,018	13,445,945	26,608,427	10,780	44,247	17,203,541	54,332,692
1929.....	4,019,917	28,809,792	14,170,138	27,140,958	14,108	62,508	18,291,163	56,013,268
1930.....	4,256,090	30,098,910	14,497,955	26,522,765	18,676	72,691	18,772,721	56,694,366
1931.....	3,162,317	21,067,025	9,952,280	15,732,710	6,410	29,603	13,121,007	36,829,338
1932.....	3,148,902	19,312,710	8,807,131	12,011,398	3,004	13,701	11,859,037	31,337,808
1933.....	3,015,571	17,610,091	8,185,759	10,501,924	2,707	10,176	11,264,037	28,122,191
1934.....	3,500,563	18,414,060	9,471,605	16,641,659	2,791	9,661	12,974,959	35,063,380
1935.....	3,442,835	17,445,102	8,630,686	15,867,107	5,246	19,040	12,076,767	33,331,249
1936.....	3,418,556	17,897,635	9,700,002	17,039,408	4,873	18,347	13,123,431	34,953,390
1937.....	3,488,278	17,317,449	11,180,827	20,835,587	1,494	5,582	14,670,599	38,158,618
1938.....	3,475,801	18,079,657	9,533,729	17,734,567	2,961	11,690	13,012,491	35,823,914
1939.....	4,288,461	21,938,333	10,706,786	19,628,410	3,398	11,942	14,998,645	41,578,685
1940.....	3,944,255	23,123,417	13,478,986	26,499,046	2,493	7,669	17,426,734	49,638,132
1941.....	3,853,010	24,026,095	16,534,449	37,558,900	934	3,046	20,388,393	61,588,041
1942.....	4,911,025	31,506,629	20,025,483	50,343,442	239	1,148	24,937,342	51,851,219
1943.....	4,480,285	30,918,555	23,628,300	70,325,413	337	1,487	28,108,922	101,215,455
1944.....	4,452,991	33,417,990	24,270,692	79,718,988	171	1,038	28,723,854	113,138,016

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

Table 16.—Imports of Coal into Canada by Countries, by Grades and by Provinces, 1943 and 1944

(Short tons)

Destination	1943					1944				
	Anthracite			Bituminous	Lignite	Anthracite			Bituminous	Lignite
	Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.			Grate, egg, stove, nut doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.		
FROM GREAT BRITAIN										
Nova Scotia.....	33,220	.....	3,698	1,875	.....	34,130	215	4,255	.....	.....
New Brunswick....	54,857	2,123	61,501	4,812	.....	29,645	3,500	35,310	.....	.....
Quebec.....	116,645	11,379	85,229	.....	.....	31,950	37,563	31,261	.....	.....
Central Ontario....	.....	.....	16,046	.....	.....	1,099	8,977	.....	.....	.....
Canada....	284,722	13,562	166,564	6,687	.....	95,725	42,977	79,809	.....	.....
FROM UNITED STATES										
Prince Edward Is..	2,420	.....	49	118	.....	4,306	.....	.....	127	.....
Nova Scotia.....	13,096	.....	92	46,056	.....	26,182	.....	6,541	80,500	.....
New Brunswick....	42,850	.....	1,263	16,613	.....	44,406	.....	4,727	40,541	.....
Quebec.....	843,254	97,953	558,548	5,664,020	.....	846,341	26,746	700,288	5,878,445	.....
Central Ontario...	2,030,626	23,316	432,036	15,524,752	66	2,087,821	2,879	426,814	15,654,562	.....
Head of Lakes....	6,895	.....	4,280	2,840,998	.....	4,314	.....	3,472	2,831,361	.....
Manitoba.....	8,400	93	7,843	90,293	87	4,762	44	4,917	16,255	.....
Saskatchewan.....	.....	.....	.....	732	16	.....	.....	.....	550	.....
Alberta.....	.....	7	.....	1,002	2	.....	4	.....	935	.....
British Columbia...	110	.....	.....	1,611	166	52	10	.....	1,236	171
Canada....	2,948,251	121,369	1,004,111	24,387,111	337	3,018,274	29,683	1,146,759	24,513,527	171

Table 17.—Imports of Coal into Eastern and Western Canada, 1943 and 1944
(Short tons)

Destination	Anthracite				Bituminous	Lignite	Total all grades
	Grate, egg, stove, nut, double, cobbles and trebles	Screenings or dust	Pearls, beans and smaller sizes, n.o.p.	Total anthracite			
1943							
EASTERN CANADA—							
United States.....	2,932,846	121,269	991,988	4,046,103	21,452,475	66	25,498,644
Great Britain.....	204,722	13,502	166,564	384,788	6,687	.....	391,475
Total.....	3,137,568	134,771	1,158,552	4,430,891	21,459,162	66	25,890,119
WESTERN CANADA*—							
United States.....	15,405	100	12,123	27,628	2,934,636	271	2,962,535
Total.....	15,405	100	12,123	27,628	2,934,636	271	2,962,535
Canada—							
United States.....	2,948,251	121,369	1,004,111	4,073,731	24,287,111	337	28,461,179
Great Britain.....	204,722	13,502	166,564	384,788	6,687	.....	391,475
Total.....	3,152,973	134,871	1,170,675	4,458,519	24,393,798	337	28,852,634
1944							
EASTERN CANADA—							
United States.....	3,009,146	29,625	1,138,370	4,177,141	21,663,184	.....	25,840,325
Great Britain.....	95,725	42,977	79,809	218,511	.....	.....	218,511
Total.....	3,104,871	72,602	1,218,179	4,395,652	21,663,184	.....	26,658,836
WESTERN CANADA—							
United States.....	9,128	58	8,389	17,575	2,850,343	171	2,868,089
Total.....	9,128	58	8,389	17,575	2,850,343	171	2,868,089
Canada—							
United States.....	3,018,274	29,683	1,146,759	4,194,716	21,513,527	171	28,708,414
Great Britain.....	95,725	42,977	79,809	218,511	.....	.....	218,511
Total.....	3,113,999	72,660	1,226,568	4,413,227	21,513,527	171	28,926,925

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

Note.—The import data shown in Tables 16 to 25 inclusive, refer to the total tonnage received at Canadian ports, whether or not this coal has been cleared from customs during the period.

Table 18.—Imports of Anthracite, Bituminous and Lignite Coal into Canada, by Months, 1943 and 1944

(Short tons)

Month	1943				1944			
	United States	Great Britain	Other countries	Total	United States	Great Britain	Other countries	Total
ANTHRACITE—								
January	203,420	17,491		220,911	300,396	12,241		312,637
February	244,204	22,261		266,465	327,408	32,321		359,729
March	376,001	39,504		415,505	345,846	29,335		375,181
April	368,803	20,844		389,647	288,363	13,213		381,576
May	337,810	57,260		395,070	330,103			330,163
June	328,193	43,867		372,060	354,404	3,400		357,804
July	311,894	46,559		358,453	343,068	37,043		380,111
August	452,599	36,581		489,180	376,553	31,177		487,730
September	422,858	34,090		456,948	387,100	19,002		406,102
October	403,536	11,739		415,275	421,636	16,918		438,554
November	249,714	45,894		295,008	406,502	13,269		419,771
December	374,099	8,698		383,397	313,337	10,592		323,929
Total.	4,073,731	384,788		4,458,519	4,194,716	218,511		4,413,227
BITUMINOUS—								
January	635,444	490		635,934	868,963			868,963
February	637,175	161		637,336	769,654			769,654
March	869,500	169		869,669	1,007,598			1,007,598
April	942,455	371		942,826	1,309,119			1,309,119
May	2,050,440	3,454		2,053,894	2,652,850			2,652,850
June	2,747,917	426		2,748,343	2,799,509			2,799,509
July	2,704,454	132		2,704,586	2,860,785			2,860,785
August	3,312,103	435		3,312,535	3,098,426			3,098,426
September	3,161,998	881		3,162,879	2,986,735			2,986,735
October	3,100,577			3,100,577	2,772,650			2,772,650
November	2,539,588			2,539,588	2,190,743			2,190,743
December	1,685,460	168		1,685,628	1,106,495			1,106,495
Total.	24,387,111	6,087		24,393,798	24,513,527			24,513,527
LIGNITE—								
January	97			97				
February	44			44	21			21
March	15			15	40			40
April	66			66				
May	34			34	22			22
June	12			12				
July	39			39				
August								
September								
October					42			42
November								
December	30			30	46			46
Total	337			337	171			171

Table 19.—Average Imports of Coal into Quebec and Ontario, by Areas, for the Five Years, 1940-1944

(Short tons)

Area	Total anthracite	Total bituminous	Total lignite	Total all grades
Quebec.....	95,978	632,780	.....	728,758
Montreal.....	1,568,449	3,606,382	.....	5,174,831
Ottawa.....	175,026	1,034,770	.....	1,210,696
Kingston.....	83,799	251,139	.....	334,938
Toronto.....	1,931,384	6,899,188	13	8,830,585
Windsor.....	230,009	3,573,368	.....	3,803,377
Northern Ontario.....	27,918	2,402,653	.....	2,430,571
Western Ontario.....	11,457	1,722,738	.....	1,734,195
Total.....	4,124,920	20,123,018	13	24,247,951

Table 20.—Average Imports of Coal into Canada, by Kinds and by Provinces, for the Five Years, 1940-1944

(Short tons)

Destination	Total anthracite	Total bituminous	Total lignite	Total all grades
Prince Edward Island.....	4,075	112	.....	4,187
Nova Scotia.....	75,760	49,640	.....	125,400
New Brunswick.....	102,594	26,878	.....	129,472
Quebec.....	1,670,534	4,240,360	.....	5,910,900
Ontario.....	2,454,386	15,882,652	13	18,337,051
Manitoba.....	8,403	29,041	28	37,472
Saskatchewan.....	7	685	292	984
Alberta.....	10	917	3	930
British Columbia.....	129	1,728	499	2,356
Yukon.....	.....	3	.....	3
Canada.....	4,315,898	20,232,072	835	24,548,755

CONSUMPTION

The following tables show the consumption of coal and other fuels in Canada. Table 21 records the tonnages of coal made available for use, by months, during 1943 and 1944. Tables 22 and 23 show the apparent consumption of coal by provinces during the calendar years 1942 and 1944. Table 24 gives the trend of coal consumption during the period 1902 to 1944. Table 25 records corresponding data for coke utilization together with an indication of the possible coal displacement through the use of imported coke. Table 26 is the result of a further attempt to arrive at the energy supplied by all mineral fuels and water power in terms of coal. In the case of fuel and gas oils and kerosene, the data relate to the apparent consumption. The factors used were calculated on the basis of the average British Thermal units of these fuels compared with 13,000 B.T.U. for bituminous coal.

Table 21.—Coal Made Available for Consumption in Canada, 1943 and 1944
(Short tons)

Month	1943				1944			
	Output	Imports	Exports	Coal made available for use	Output	Imports	Exports	Coal made available for use
January.....	1,559,304	856,942	35,130	2,331,116	1,626,068	1,181,600	74,717	2,732,951
February.....	1,578,404	903,845	75,149	2,407,100	1,454,614	1,129,404	97,812	2,486,206
March.....	1,688,463	1,285,189	79,732	2,893,920	1,546,446	1,382,819	79,413	2,849,852
April.....	1,387,020	1,332,539	82,927	2,636,632	1,236,200	1,700,695	56,582	2,880,313
May.....	1,318,099	2,448,998	100,932	3,666,165	1,290,481	2,082,975	123,926	4,149,530
June.....	1,365,993	3,120,415	103,882	4,382,526	1,233,251	3,157,313	90,236	4,300,278
July.....	1,387,654	3,063,078	84,752	4,365,980	1,168,859	3,240,896	100,084	4,309,671
August.....	1,441,577	3,801,718	122,770	5,120,516	1,370,044	3,506,156	79,131	4,806,069
September.....	1,403,498	3,619,827	115,001	4,968,324	1,391,475	3,392,837	96,750	4,687,553
October.....	1,569,411	3,515,852	122,423	4,962,840	1,528,291	3,211,246	64,087	4,675,450
November.....	1,472,424	2,835,196	70,609	4,228,011	1,638,628	2,610,514	65,950	4,183,192
December.....	1,627,210	2,069,055	107,785	3,588,480	1,533,142	1,430,470	81,493	2,882,119
Total.....	17,859,657	28,852,654	1,110,101	45,601,610	17,026,499	28,926,925	1,010,240	44,943,184

Table 22.—Summary Statistics for 1943—Output, Exports, Interprovincial Shipments, Imports* and Coal made Available for Consumption in Canada, by Provinces
(Short tons)

Province	Canadian coal				Im- ported from U.S.A.	Im- ported from Great Britain	Coal available for con- sumption
	Output	Re- ceived from other prov.	Shipped to other prov.	Ex- ported			
PRINCE EDWARD ISLAND—							
Anthracite.....					2,469		2,469
Bituminous.....		152,591			118		152,709
Total.....		152,591			2,587		155,178
NOVA SCOTIA—							
Anthracite.....					13,788	36,018	50,706
Bituminous.....	6,103,085		1,945,823	397,703	46,056	1,875	3,807,490
Total.....	6,103,085		1,945,823	397,703	59,844	38,793	3,858,196
NEW BRUNSWICK—							
Anthracite.....					44,113	118,571	162,684
Bituminous.....	372,873	1,114,961	6,132	98,191	16,613	4,812	1,404,936
Total.....	372,873	1,114,961	6,132	98,191	60,726	123,383	1,567,620
QUEBEC—							
Anthracite.....					1,499,755	213,253	1,713,008
Bituminous.....		684,403			5,864,928		6,548,448
Sub-bituminous.....							
Total.....		684,403			881	7,364,081	213,253
CENTRAL ONTARIO—							
Anthracite.....					2,485,978	16,046	2,502,024
Bituminous.....					15,524,762		15,524,575
Lignite.....						66	66
Total.....					187	18,010,806	16,046
MANITOBA AND HEAD OF LAKES—							
Anthracite.....					27,511		27,511
Bituminous.....		349,100			418	2,931,291	3,279,073
Sub-bituminous.....		79,168					79,168
Lignite.....	999	1,259,047			548	87	1,259,585
Total.....	999	1,687,315			966	2,958,889	4,046,237
SASKATCHEWAN—							
Bituminous.....		115,670			14	732	
Sub-bituminous.....		36,729					36,729
Lignite.....	1,665,972	1,315,477	885,572	4,685		16	2,091,208
Total.....	1,665,972	1,467,876	885,572	4,699		748	2,244,325
ALBERTA—							
Anthracite.....						7	7
Bituminous.....	3,469,893	19,787	571,238	623	1,002		2,918,831
Sub-bituminous.....	792,252		380,898				411,354
Lignite.....	3,414,581	340	1,970,335	1,569		2	1,443,019
Total.....	7,670,726	20,137	2,922,471	2,192	1,011		4,773,211
BRITISH COLUMBIA—							
Anthracite.....					110		110
Bituminous.....	2,039,402	283,117	196,446	603,497	1,611		1,524,187
Sub-bituminous.....		265,001					265,001
Lignite.....		281,043		1,785		166	270,424
Total.....	2,039,402	829,161	196,446	605,282	1,887		2,068,722
YUKON—							
Bituminous.....							
Lignite.....							
Total.....							
Canada—							
Anthracite.....					4,073,731	384,788	4,458,519
Bituminous.....	11,985,253	2,719,639	2,719,639	1,101,514	24,387,111	6,687	35,277,537
Sub-bituminous.....	792,252	380,898	380,898				792,252
Lignite.....	5,081,532	2,855,907	2,855,907	8,387		337	5,073,308
Total.....	17,859,057	5,956,444	5,956,444	1,110,101	28,461,179	391,475	45,601,610

* Direct imports into each province. See text for interprovincial shipments of imported coal.

† Nova Scotia coal shipped to Quebec and then transhipped to Ontario.

Table 23—Summary Statistics for 1944—Output, Exports, Interprovincial Shipments, Imports* and Coal made Available for Consumption in Canada, by Provinces
(Short tons)

Province	Canadian coal				Im- ported from U.S.A.	Im- ported from Great Britain	Coal available for con- sumption
	Output	Re- ceived from other prov.	Shipped to other prov.	Ex- ported			
PRINCE EDWARD ISLAND—							
Anthracite.....					4,306		4,306
Bituminous.....		164,488			127		164,615
Total.....		164,488			4,433		168,921
NOVA SCOTIA—							
Anthracite.....					32,723	38,600	71,323
Bituminous.....	5,745,671		1,788,540	379,654	89,509		3,866,986
Total.....	5,745,671		1,788,540	379,654	122,232	38,600	3,738,309
NEW BRUNSWICK—							
Anthracite.....					40,223	68,461	117,684
Bituminous.....	345,123	1,138,983	2,563	114,526	40,541		1,407,558
Total.....	345,123	1,138,983	2,563	114,526	80,764	68,461	1,525,242
QUEBEC—							
Anthracite.....					1,573,375	100,774	1,674,149
Bituminous.....		487,632			5,878,445		6,365,667
Sub-bituminous.....							
Total.....		487,632			410	7,451,820	100,774
CENTRAL ONTARIO—							
Anthracite.....					2,517,514	10,676	2,528,190
Bituminous.....					15,654,562		15,653,977
Lignite.....							
Total.....					585	18,172,076	10,676
MANITOBA AND HEAD OF LAKES—							
Anthracite.....						17,509	
Bituminous.....		245,790			785	2,847,616	3,092,621
Sub-bituminous.....		67,830			126		67,830
Lignite.....		1,091,810					1,091,684
Total.....		1,405,430			911	2,865,125	4,269,644
SASKATCHEWAN—							
Bituminous.....		41,454			112	556	41,898
Sub-bituminous.....		38,304					38,304
Lignite.....	1,372,766	1,157,821	744,236	8,246			1,778,105
Total.....	1,372,766	1,237,579	744,236	8,358	556		1,858,307
ALBERTA—							
Anthracite.....						4	
Bituminous.....	3,551,414	26,378	354,662	905	935		3,223,160
Sub-bituminous.....	729,427		361,315				368,112
Lignite.....	3,147,867	217	1,735,079	1,740			1,413,265
Total.....	7,428,708	26,595	2,449,056	2,645	939		5,004,541
BRITISH COLUMBIA—							
Anthracite.....						62	
Bituminous.....	2,134,231	196,425	155,385	502,430	1,236		1,674,077
Sub-bituminous.....		255,181					255,181
Lignite.....		227,467			721	171	226,917
Total.....	2,134,231	679,073	155,385	503,151	1,469		2,156,237
YUKON—							
Bituminous.....							
Lignite.....							
Total.....							
Canada—							
Anthracite.....					4,194,716	218,511	4,413,227
Bituminous.....	11,276,439	2,301,150	2,301,150	999,467	24,513,527		35,299,559
Sub-bituminous.....	729,427	361,315	361,315				729,427
Lignite.....	4,520,633	2,477,315	2,477,315	10,833	171		4,509,971
Total.....	17,026,499	5,139,780	5,139,780	1,010,240	28,708,414	218,511	44,943,184

* Direct imports into each province.

Table 24.—Annual Consumption of Coal in Canada, 1902-1944

Calendar year	Canadian*		Imported coal "entered for consumption"				Total	Per capita
			From U.S.A.	From Great Britain	Total†			
	Short tons	%	Short tons	Short tons	Short tons	%	Short tons	
1902	5,376,413	53.1	4,656,286	101,726	4,734,559	46.9	10,110,972	1.840
1903	6,005,733	47.3	6,520,931	184,593	6,678,450	52.7	12,684,185	2.245
1904	6,697,183	47.9	7,238,869	85,687	7,297,482	52.1	13,994,665	2.402
1905	7,032,661	49.4	7,233,738	88,500	7,215,446	50.6	14,248,107	2.374
1906	7,927,560	50.5	7,787,338	67,014	7,758,325	49.5	15,685,885	2.573
1907	8,617,352	45.0	10,588,697	54,325	10,549,503	55.0	19,166,855	2.090
1908	9,156,478	47.3	10,203,335	97,514	10,195,424	52.7	19,351,902	2.921
1909	8,913,376	47.9	9,805,253	67,671	9,711,826	52.1	18,625,202	2.739
1910	10,532,103	50.2	10,545,451	51,541	10,438,123	49.8	20,970,226	3.001
1911	9,822,749	40.5	14,510,129	48,963	14,424,949	59.5	24,247,698	3.364
1912	12,385,696	46.0	14,557,124	38,668	14,549,104	54.0	26,934,800	3.645
1913	13,450,158	42.6	18,145,769	37,825	18,132,387	57.4	31,582,545	4.138
1914	12,214,403	45.5	14,687,853	33,101	14,637,920	54.5	26,852,323	3.408
1915	11,500,480	48.1	12,450,796	15,098	12,406,212	51.9	23,906,692	2.996
1916	12,348,036	41.3	17,576,202	4,401	17,517,820	58.7	29,865,856	3.733
1917	12,313,603	37.2	20,848,009	9,451	20,810,132	62.8	33,123,735	4.110
1918	13,160,731	37.8	21,674,826	3,761	21,611,101	62.2	34,771,832	4.268
1919	11,611,168	40.3	17,292,913	344	17,236,269	59.7	28,847,437	3.471
1920	14,025,566	42.9	18,752,981	.....	18,668,741	57.1	33,694,307	3.821
1921	12,715,734	41.1	18,300,081	1,591	18,258,337	58.9	30,974,121	3.525
1922	13,044,352	50.2	12,255,555	765,980	12,002,189	49.8	26,006,541	2.916
1923	15,070,962	41.8	20,417,239	572,570	20,967,971	58.2	36,038,933	4.000
1924	12,529,358	42.8	18,405,344	317,112	16,714,143	57.2	29,243,501	3.198
1925	12,125,200	42.6	15,744,957	604,117	16,331,971	57.4	28,457,261	3.062
1926	15,086,296	47.7	16,204,405	287,299	16,565,555	52.3	31,651,851	3.349
1927	15,944,983	46.7	17,266,434	907,220	18,177,303	53.3	34,122,286	3.541
1928	16,487,607	50.0	15,830,688	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	34,111,593	3.401
1930	14,052,671	43.3	16,971,933	1,144,861	18,412,039	56.7	32,464,710	3.180
1931	11,682,779	47.7	11,793,798	987,442	12,828,327	52.3	24,511,106	2.362
1932	11,212,701	49.0	9,889,866	1,727,716	11,654,492	51.0	22,867,193	2.177
1933	11,456,273	51.5	8,865,035	1,042,875	10,808,962	48.5	22,265,235	2.085
1934	13,236,406	51.1	10,580,710	1,981,116	12,651,168	48.9	25,887,574	2.392
1935	13,306,303	53.1	9,618,518	1,822,600	11,733,835	46.9	25,042,138	2.290
1936	14,508,652	53.3	10,801,643	1,498,656	12,719,515	46.7	27,228,167	2.469
1937	15,172,729	51.5	12,574,574	1,211,062	14,268,586	48.5	29,441,314	2.648
1938	13,800,094	52.3	10,834,912	1,257,887	12,573,872	47.6	26,373,966	2.365
1939	14,902,915	50.6	12,923,358	1,090,410	14,564,679	49.4	29,467,594	2.615
1940	16,060,234	49.5	15,509,778	1,514,458	17,036,090	50.5	33,702,324	2.960
1941	17,227,151	46.2	19,332,479	693,902	20,026,082	53.8	37,253,233	3.238
1942	17,725,761	42.0	24,140,841	388,948	24,529,361	58.0	42,255,122	3.626
1943	16,321,006	37.1	27,303,776	391,475	27,695,098	62.9	44,016,104	3.727
1944	15,660,808	35.7	27,948,008	218,511	28,166,201	64.3	43,827,009	3.659

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

†Includes small tonnages from countries other than Great Britain and the United States. Deductions have been made to take account of foreign coal re-exported from Canada and bituminous coal ex-warehouse for ships' stores.

Table 25.—Coke made Available for Consumption in Canada, with the Coal Equivalent of the Imported Coke, 1902-1944

Year	Output	Imports	Exports	Coke made available for consumption	Coal equivalent of imported coke†	
				Tons	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	554,083	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	1,246,994	772,218	.122
1907	842,003	624,649	70,617	1,396,035	960,997	.147
1908	858,257	426,971	58,708	1,226,520	658,878	.090
1909	862,011	661,425	74,067	1,449,369	1,017,576	.148
1910	902,715	737,088	57,971	1,581,832	1,133,390	.160
1911	935,651	751,389	9,852	1,677,188	1,155,982	.100
1912	1,411,228	628,174	57,744	1,981,459	966,420	.132
1913	1,530,499	723,908	68,235	2,186,170	1,113,700	.147
1914	1,023,860	553,046	67,838	1,509,068	850,839	.110
1915	1,170,473	637,857	35,869	1,772,461	981,317	.126
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	1,185,590	29,612	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	39,636	2,255,073	902,162	.104
1921	1,463,999	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	41,899	2,973,393	1,520,051	.181
1927	2,026,438	772,235	74,109	2,724,584	1,188,053	.123
1928	2,314,127	1,050,029	25,058	3,349,098	1,630,812	.168
1929	2,677,581	1,228,853	25,208	3,879,226	1,887,464	.193
1930	2,385,994	1,061,040	29,801	3,417,233	1,632,309	.164
1931	1,832,700	733,274	20,905	2,545,069	1,128,113	.109
1932	1,637,701	651,802	15,469	2,274,034	1,002,771	.095
1933	1,772,164	644,075	5,199	2,411,040	990,884	.093
1934	2,243,420	630,221	7,396	3,166,245	1,431,108	.132
1935	2,257,604	532,926	20,649	2,769,881	819,885	.075
1936	2,404,793	612,858	18,215	2,999,436	942,858	.085
1937	2,570,385	417,733	38,959	2,951,159	642,666	.058
1938	2,352,003	414,682	30,537	2,736,148	637,972	.056
1939	2,401,095	435,871	48,114	2,797,852	670,570	.059
1940	3,015,394	719,398	35,523	3,699,209	1,106,670	.097
1941	3,145,715	614,417	40,167	3,719,965	945,257	.082
1942	3,265,549	719,910	44,764	3,940,895	1,107,554	.095
1943	3,551,773	941,066	48,256	4,444,583	1,449,332	.122
1944	4,017,696	813,460	42,588	4,788,568	1,252,728	.104

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

Table 26.—Canada's Coal Supply and the Coal Equivalent of Other Mineral Fuels and Water Power Used

(Thousands of short tons)

Anthra-	Coal				Fuel and Gas Oils (c)	Gasoline Sales (d)	Kero-	Water Power	
	Bituminous		Lignite					(e)	Equiva-
	Carbo-	Im-	Carbo-	Im-	Imported (a)	(b)	(e)		watt hour (f)
1927	4,108	12,183	14,059	3,757	11	772	855	2,314	2,104
1928	3,749	12,709	12,756	3,799	11	1,060	903	2,667	2,787
1929	4,020	12,485	13,890	3,902	14	1,227	1,135	3,205	3,175
1930	4,256	10,649	14,137	3,404	19	1,061	1,175	3,189	3,366
1931	3,162	8,822	9,660	2,861	6	668	1,035	2,999	3,219
1932	3,149	7,806	8,503	3,407	3	611	937	2,837	2,896
1933	3,016	8,128	7,791	3,328	3	589	926	3,012	2,803
1934	3,501	10,051	9,148	3,185	3	810	926	3,176	3,091
1935	3,443	9,783	8,288	3,523	5	633	996	3,228	3,316
1936	3,419	10,683	9,296	3,828	5	842	1,125	3,366	3,608
1937	3,488	11,515	10,779	3,658	1	472	1,288	3,572	4,154
1938	3,476	10,306	9,095	3,434	3	392	1,338	3,715	4,408
1939	4,288	11,548	10,273	3,355	3	512	1,407	4,615	4,669
1940	3,944	13,103	13,089	3,563	2	670	1,648	4,782	5,106
1941	3,853	13,250	16,172	3,978	1	660	1,740	5,539	5,667
1942	4,912	13,250	19,817	4,476	-	775	1,828	5,591	5,190
1943	4,480	11,268	23,215	5,055	-	921	1,771	5,622	5,303
1944	4,453	11,215	23,713	4,446	-	813	1,802	6,135	5,893

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

(a) Tonnage imported into Canada "Entered for consumption". Based on 1 ton=13,000 B.T.U. (b) Based only on ton of coal=25 M. cu. ft. of natural gas. (c) Based on 1 ton of coal=151 imperial gallons of fuel and gas oils. (d) Based on 1 ton of coal=173 imperial gallons of gasoline. (e) Based on 1 ton of coal=160 imperial gallons of kerosene. (f) Based on the United States average as reported by the Edison Electric Institute.

A table showing the average calorific values of various solid and liquid fuels is given below. This information was supplied by the Fuel Research Laboratories of the Department of Mines and Resources.

Table 27.—Average Calorific Values of Various Solid and Liquid Fuels

	Rough Average B.T.U. Values per Pound*	B.T.U. per Imperial Gallon
British Anthracite—		
Welsh.....	14,300	.....
Scotch.....	14,000	.....
Other (European and Asiatic) Anthracites—		
Westphalian.....	14,300	.....
Belgian.....	14,300	.....
Russian.....	13,500	.....
French Indo-China.....	13,200	.....
American (U.S.A.) Anthracites—		
Pennsylvania (stove size).....	13,200	.....
Pennsylvania (buckwheat).....	12,900	.....
U.S.A. Bituminous Coal—		
First Grade—7% Ash (for coke making).....	14,000	.....
Second Grade—10% Ash (for steam raising).....	13,000	.....
Canadian Coals—		
Bituminous, 1st grade | Maritime Provinces, British Columbia and Alberta.....	14,000	.....
Bituminous, 2nd grade | Maritime Provinces, British Columbia and Alberta.....	13,000	.....
Bituminous, 3rd grade | Maritime Provinces, British Columbia and Alberta.....	11,000 to 12,000	.....
Sub-bituminous—Alberta and British Columbia.....	10,000 to 11,500	.....
Lignite—Domestic—Alberta and British Columbia.....	7,500 to 10,000	.....
Lignite—Saskatchewan.....	6,500 to 7,500	.....
Fuel Oil—		
Industrial 0-933 Specific gravity.....	19,000	177,500
Kerosene—Stove Oil—0-819 Specific gravity.....	19,800	162,000
Light Furnace Oil—0-855 Specific gravity.....	19,550	167,000
Gasoline (average for Canada). 0-740 Specific gravity.....	20,250	150,000

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

Table 28.—Consumption of Fuel by Locomotives in Freight Service in Canada, 1930-1944
(Compiled in the Transportation Branch)

Year	Gross Ton Miles	Tons of Fuel Consumed (Freight and Mixed Trains)	Gross Ton Miles per Ton of Fuel*
	(000's omitted)		
1930.....	77,579,074	4,546,629	16,007
1931.....	66,880,820	4,104,608	16,294
1932.....	58,927,617	3,641,030	16,184
1933.....	54,352,628	3,394,803	16,011
1934.....	62,070,905	3,447,166	16,134
1935.....	63,983,127	3,903,540	16,391
1936.....	70,218,433	4,151,667	16,913
1937.....	73,058,630	4,285,395	17,048
1938.....	70,138,704	4,010,725	17,488
1939.....	79,391,714	4,371,179	18,183
1940.....	93,585,701	5,121,671	18,270
1941.....	119,226,172	6,445,677	18,497
1942.....	128,438,070	7,060,302	18,192
1943.....	139,176,013	7,855,328	18,990
1944.....	145,741,150	7,926,430	18,513

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

Table 29.—Annual Consumption of Coal by Railroad Locomotives in Canada, 1930-1944
(Compiled in the Transportation Branch)

Year	Anthracite		Bituminous		Total	
	Short tons	Value	Short tons	Value	Short tons	Value
1930.....	7,062	\$ 33,246	8,251,167	\$ 36,292,562	8,258,229	\$ 36,525,811
1931.....	3,336	14,763	6,858,772	29,691,134	6,862,108	29,705,897
1932.....	1,934	7,578	5,955,085	25,101,489	5,957,019	25,109,067
1933.....	1,665	6,490	5,521,052	22,145,931	5,522,717	22,152,421
1934.....	1,625	6,702	6,109,367	25,589,597	6,110,992	25,596,299
1935.....	1,544	6,417	6,144,550	26,333,312	6,146,094	26,339,729
1936.....	1,700	8,627	6,584,233	28,153,451	6,586,023	28,162,078
1937.....	1,503	10,604	6,766,955	29,350,076	6,768,458	29,360,686
1938.....	1,641	12,077	6,366,101	27,940,556	6,367,742	27,952,433
1939.....	917	6,358	6,866,202	28,950,410	6,867,119	28,956,768
1940.....	319	2,178	7,817,575	33,386,333	7,817,894	33,388,511
1941.....			9,536,404	43,131,912	9,536,404	43,131,912
1942.....			10,613,774	51,780,770	10,613,774	51,780,776
1943.....			11,987,240	66,102,904	11,987,240	66,102,994
1944.....			11,992,541	73,771,444	11,992,541	73,771,444

Table 30.—Average Price per Short Ton of Canadian Coal at the Mines, by Grades, for each District and Province, 1944

District	Run-of-Mine		Lump		Egg		Nut		Pea		Slack	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
NOVA SCOTIA—	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Cape Breton.....	6.36	4.34	7.08	5.13			6.33	4.11			5.07	3.80
Cumberland.....	6.03	4.83	6.73	4.84			7.95	6.25			4.46	3.31
Inverness.....	5.49	4.17	6.67	5.62			6.02	6.02			3.51	2.71
Pictou.....	6.61	5.04	7.54	5.62							5.38	3.74
Average.....	5.96	4.50	6.99	5.18			6.66	5.12			4.81	3.40
NEW BRUNSWICK.....	5.40	4.78	6.17	5.38	6.22	5.85	5.30	4.85			5.22	4.87
MANITOBA.....												
SASKATCHEWAN.....	2.36	2.28	2.02	1.86	1.93	1.62	1.62	1.46	1.58	1.30	1.14	.88
ALBERTA—												
Bituminous—												
Cascade.....	4.47	4.14	6.50	4.90	5.57	5.47	5.28	4.61	4.32	3.80	3.82	3.32
Crowsnest.....	4.10	3.79	5.25	4.88			4.13	3.68	3.25	3.25	3.22	2.41
Highwood.....												
Mountain Park.....	4.30	3.87	5.30	4.45			3.90	3.63			3.77	3.52
Nordegg.....	4.20	4.15										
Average bituminous.....	4.20	3.87	5.55	4.74	5.57	5.47	4.36	3.90	3.78	3.52	3.44	2.84
Sub-bituminous—												
Coalspur.....	3.10	2.95	4.88	4.48	5.60	5.18	3.35	3.25	2.54	2.34	2.06	1.80
Morley.....												
Pekisko.....	4.00	3.50	4.50	4.50			3.00	3.00			3.00	3.00
Pincher.....							2.00	2.00	2.00			
Prairie Creek.....							2.80	1.70			2.25	1.50
Saunders.....	5.35	5.35	6.65	6.25			5.50	3.65			3.07	2.90
Average sub-bituminous.....	3.91	3.65	5.15	4.80	5.60	5.18	3.55	3.02	2.43	2.27	2.37	1.99
Lignite—												
Ardley.....	3.33	3.11	3.00	1.50							.87	.87
Big Valley.....	4.25	3.50	3.75	3.25	3.00	1.50					1.00	1.00
Brooks.....	4.00	3.00	4.33	3.63	3.00	1.83	2.50	1.00			1.25	.75
Camrose.....	2.70	2.70	4.43	4.14	3.15	2.85	4.48	2.33	2.12	1.90	1.15	.76
Carbon.....	3.52	3.27	4.36	3.75	3.60	3.40	2.57	2.01			.50	.50
Castor.....	2.84	2.47	2.83	2.60	2.25	1.90	1.40	1.37			1.09	.57
Champion.....							1.85	1.68	1.00	1.00	1.00	1.00
Drumheller.....	3.76	2.93	5.02	4.37	4.11	3.55	3.36	2.02	2.13	2.07	1.44	.78
Edmonton.....	3.61	2.67	4.20	3.75	3.51	2.88	3.05	2.26	2.14	1.71	1.37	1.16
Gleichen.....	4.41	4.22	4.00	3.90	3.00	3.00	1.25	1.25			.50	.50
Halcourt.....							4.33	3.23			2.50	2.00
Lethbridge.....	3.63	3.50	4.78	4.18	3.19	3.06	2.56	2.18	1.95	1.67	1.11	.88
Magrath.....												
Milk River.....	3.25	3.00										
Pakan.....												
Pukowski.....	2.88	2.88										
Pembina.....	2.68	2.05	3.87	3.63	3.55	3.40	2.17	2.17	2.35	2.35	1.76	1.01
Redcliff.....	3.90	2.71	4.40	3.90			1.50	1.25			.67	1.50
Rochester.....	3.00	2.50	3.50	3.25			2.25	2.00			1.12	.75
Sexsmith.....												
Sherkness.....	2.33	1.94	2.50	1.90			2.25	1.70	2.00	1.70	.85	.75
Taber.....	4.03	2.42	4.66	4.05	3.74	3.39	3.00	1.94	2.35	1.73	.95	.58
Tofield.....	2.13	1.92	2.62	2.17	2.35	2.10	1.95	1.85			1.35	1.20
Westlock.....												
Wetaskiwin.....	4.50	4.50							2.50	2.50		
Whitecourt.....	2.75	2.75	3.00	3.00			1.50	1.50			1.00	.87
Area not designated.....	4.12	3.87	5.00	4.60			3.00	2.00			2.50	2.12
Average lignite.....	3.32	2.82	4.24	3.74	3.56	3.10	2.80	2.00	2.10	1.80	1.32	.97
Average for Alberta.....	3.42	2.05	4.42	3.91	3.75	3.30	3.02	2.28	2.27	1.99	1.63	1.26
BRITISH COLUMBIA—												
Crow's Nest Pass.....	4.12	3.36	5.65	4.82	10.50	6.57	4.72	3.82			4.22	3.12
Inland.....	6.11	5.21	6.72	5.71	5.85	4.38	8.26	6.09	5.01	4.43	3.18	3.00
Island.....	8.20	6.10	7.05	6.74	5.86	5.37	6.90	5.67	4.16	3.91	2.70	2.54
Average.....	6.12	5.00	6.85	6.23	6.52	5.26	6.83	5.75	4.54	4.14	3.00	2.76
Canada.....	3.61	3.15	4.76	4.18	4.05	3.51	3.59	2.86	2.79	2.48	2.21	1.77

Table 31.—Average value of Coal f.o.b. Mines, together with Labour, Fuel and Electricity Costs per ton Raised, by Provinces and by Districts, in 1943 and 1944

	1943			1944		
	Average value per ton of coal raised	Average labour costs per ton raised	Fuel and electricity costs per ton	Average value per ton of coal raised	Average labour costs per ton raised	Fuel and electricity costs per ton
	\$	\$	\$	\$	\$	\$
NOVA SCOTIA—(Bituminous)						
Cape Breton.....	4.432	3.999	.404	5.296	5.159	.419
Cumberland.....	4.327	3.237	.360	5.453	4.495	.418
Inverness.....	3.669	3.645	.655	4.778	5.391	1.257
Pictou.....	4.849	4.325	.387	5.875	6.252	.500
Total Nova Scotia.....	4.444	3.904	.400	5.348	5.164	.440
NEW BRUNSWICK—(Bituminous)	4.428	3.359	.141	5.347	4.200	.218
MANITOBA—(Lignite)	2.967	1.835	.212			
SASKATCHEWAN—(Lignite)	1.460	.649	.806	1.482	.728	.100
ALBERTA—						
Bituminous—						
Cascade.....	3.304	1.883	.300	3.787	2.084	.312
Crowsnest.....	3.080	2.071	.121	3.636	2.333	.119
Highwood.....						
Mountain Park.....	3.294	2.167	.178	3.882	2.231	.201
Nordegg.....	3.073	2.590	.169	4.021	2.855	.175
Total Bituminous.....	3.153	2.123	.157	3.751	2.334	.165
Sub-bituminous—						
Coulspur.....	2.903	2.065	.091	3.314	2.312	.192
Morley.....						
Pekisko.....	3.231	1.685	.173	3.742	1.641	.056
Pincher.....	2.463	1.933	.059	3.170	1.327	.097
Prairie Creek.....	2.987	2.349	.523	3.998	4.288	1.038
Saunders.....	4.381	3.724	.325	5.068	4.187	.353
Total Sub-bituminous.....	3.028	2.106	.113	3.478	2.491	.213
Lignite—						
Ardley.....	3.120	.014	.012	3.230	1.589	.024
Big Valley.....	2.407	2.455	.045	3.249	2.815	.108
Brooks.....	3.764	1.170	.051	3.750	.856	.015
Camrose.....	2.813	1.877	.036	3.185	1.625	.061
Carbon.....	2.964	2.049	.111	3.211	1.701	.124
Castor.....	2.412	1.553	.031	2.685	1.777	.097
Champion.....	3.225	2.150	.022	3.435	2.781	.040
Drumheller.....	3.268	2.105	.076	3.667	2.480	.092
Edmonton.....	2.674	2.099	.073	3.051	2.178	.070
Gleichen.....	3.339	2.583	.044	3.766	3.124	.059
Halcourt.....	5.817	4.418	.021	6.102	6.026	.461
Lethbridge.....	3.513	2.230	.076	3.852	2.669	.091
Magrath.....						
Milk River.....	3.197	.850	.143	3.478	1.509	.312
Pakan.....						
Pakowki.....	2.937	1.600		2.884	2.342	
Pembina.....	2.783	1.963	.058	3.150	2.407	.097
Redcliff.....	2.444	1.828	.036	3.297	2.942	.067
Rochester.....	2.840	1.615	.030	2.845	1.594	.063
Sherman.....						
Sheerness.....	1.703	.547	.030	1.773	.648	.048
Steveville.....						
Taber.....	3.469	1.027	.158	3.124	.690	.061
Tofield.....	1.907	.831	.019	2.021	.865	.023
Westlock.....						
Wetaskiwin.....	2.870	.733		3.767	3.011	
Whitecourt.....	2.072	3.598		2.557	2.913	
Area not designated.....	2.208	2.262		3.443	1.555	
Total Lignite.....	3.130	2.033	.071	3.480	2.264	.083
Total Alberta.....	3.130	2.091	.115	3.610	2.320	.135
BRITISH COLUMBIA—(Bituminous)						
Crow's Nest Pass.....	2.052	1.805	.148	3.501	1.937	.154
Inland.....	3.595	3.483	.301	4.867	3.166	.181
Island.....	4.811	3.141	.142	5.243	3.693	.143
Total British Columbia.....	3.754	2.491	.159	4.221	2.654	.152
YUKON—(Bituminous)						
Canada.....	3.521	2.648	.215	4.137	3.231	.239

Table 32.—Employees, Salaries and Wages in the Coal Mines of Canada, by Provinces, 1944

Province	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners		Total	Salaries	Wages	Total
	Male	Female	Surface	Under-ground				
Nova Scotia.....	472	157	1,911	10,188	12,728	1,447,796	28,226,186	29,673,982
New Brunswick.....	45	10	251	619	925	120,677	1,328,885	1,449,562
Manitoba.....								
Saskatchewan.....	46	8	263	338	655	101,824	897,011	998,835
Alberta.....	646	62	2,088	5,577	8,373	1,716,624	15,517,427	17,234,051
British Columbia.....	234	31	743	1,907	2,915	707,684	4,956,423	5,664,107
Canada.....	1,443	268	5,256	18,629	25,596	4,694,605	50,925,832	55,620,537

* Includes retroactive payments of the dollar a day wage increase applying to the months of November and December 1943, but which were paid in 1944.

NOTE.—Tables 33 to 36 are compiled from *monthly* returns of operators and show the average employment at coal mines. Salaried employees shown in Table 32 are compiled from *annual* returns and include 362 persons who are not employed in or about the mines and are not reported on the monthly returns.

Table 33.—Employment at Coal Mines in Canada, 1940-1944

—	1940	1941	1942	1943	1944
Average number of employees—					
Surface.....	5,269	5,372	5,536	5,913	6,088
Underground.....	10,859	19,608	19,227	18,953	19,146
Total.....	25,128	24,980	24,763	24,866	25,234
Days' work done—					
Surface.....	1,455,986	1,542,056	1,617,660	1,711,767	1,696,497
Underground.....	4,874,398	5,111,559	5,131,912	4,967,789	4,927,528
Total.....	6,330,384	6,653,615	6,749,572	6,679,556	6,624,025
Average number of days worked per man per year—					
Surface.....	276	287	292	289	279
Underground.....	245	261	267	262	257
Total.....	252	266	272	269	263

Table 34.—Employment at Coal Mines in Canada, by Months and by Provinces, 1940-1944

Month and year	Nova Scotia	New Brunswick	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Canada
January.....	1940 13,172	1,418	8	938	8,960	2,772	27,268
1941 13,097	1,367	7	906	8,854	2,788	.....	27,019
1942 13,559	1,170	6	865	9,281	2,750	.....	27,631
1943 11,829	967	6	867	9,172	2,730	.....	25,571
1944 12,938	966	.....	933	9,710	3,160	.....	27,707
February.....	1940 13,054	1,411	8	849	8,536	2,801	26,659
1941 13,174	1,413	7	791	8,344	2,804	.....	26,533
1942 13,503	1,119	5	806	8,942	2,741	.....	27,116
1943 11,759	998	6	822	9,028	2,735	.....	25,348
1944 12,806	969	.....	830	9,290	3,100	.....	27,057
March.....	1940 12,915	1,447	8	653	7,521	2,753	25,297
1941 13,275	1,431	6	642	7,747	2,657	.....	25,758
1942 13,355	1,110	4	653	8,019	2,715	.....	25,856
1943 11,797	1,033	6	734	8,690	2,698	.....	24,958
1944 12,944	984	.....	698	8,540	3,048	.....	26,214
April.....	1940 13,003	1,429	4	459	5,857	2,787	25,539
1941 13,315	1,361	.....	410	5,676	2,586	.....	23,348
1942 13,376	1,024	.....	480	6,962	2,714	.....	24,556
1943 11,708	869	4	542	7,760	2,630	.....	25,513
1944 12,966	900	.....	568	7,573	2,936	.....	24,943
May.....	1940 13,090	1,536	320	5,204	2,762	27,812
1941 12,672	1,419	.....	360	5,316	2,546	.....	22,313
1942 12,855	992	.....	437	6,578	2,700	.....	23,563
1943 11,575	875	4	507	7,401	2,589	.....	22,851
1944 12,431	946	.....	484	7,582	2,910	.....	23,353
June.....	1940 12,903	1,505	303	5,199	2,810	27,723
1941 12,561	1,396	.....	360	5,295	2,484	.....	22,096
1942 12,734	1,005	.....	451	7,367	2,639	.....	24,196
1943 11,466	937	4	551	7,655	2,629	.....	23,241
1944 12,135	953	.....	469	7,625	2,863	.....	24,045
July.....	1940 12,639	1,375	320	5,512	2,768	22,623
1941 12,333	1,362	.....	334	5,817	2,408	.....	22,253
1942 12,420	983	.....	437	7,738	2,510	.....	24,088
1943 11,513	935	5	601	7,914	2,624	.....	23,592
1944 11,623	977	.....	484	7,683	2,851	.....	23,618
August.....	1940 12,708	1,379	371	6,881	2,777	24,116
1941 12,316	1,340	.....	391	7,516	2,317	.....	23,880
1942 11,880	991	.....	415	7,758	2,371	.....	23,415
1943 11,522	981	.....	611	8,276	2,676	.....	24,066
1944 11,580	890	.....	508	7,879	2,843	.....	23,700
September.....	1940 12,814	1,365	576	7,704	2,786	25,245
1941 12,220	1,278	3	635	8,518	2,450	.....	25,004
1942 11,634	1,016	1	428	7,757	2,363	.....	23,099
1943 12,143	973	.....	648	8,489	2,788	.....	25,041
1944 12,303	862	.....	539	8,060	2,658	.....	24,422
October.....	1940 12,963	1,353	5	994	8,480	2,866	26,661
1941 13,248	1,198	3	848	8,888	2,552	.....	26,837
1942 11,678	1,028	4	496	7,822	2,379	.....	23,407
1943 12,270	992	.....	770	8,912	2,897	.....	25,841
1944 12,425	877	.....	675	8,174	2,619	.....	24,770
November.....	1940 13,100	1,360	5	1,044	9,156	2,755	27,420
1941 13,468	1,105	7	902	9,262	2,614	.....	27,358
1942 11,923	990	7	733	8,651	2,437	.....	24,741
1943 12,488	1,018	.....	1,017	9,398	3,030	.....	26,351
1944 12,867	897	.....	825	8,777	2,623	.....	25,989
December.....	1940 13,012	1,299	5	951	9,038	2,764	27,069
1941 13,470	1,191	8	872	9,200	2,615	.....	27,346
1942 11,976	968	7	905	9,105	2,527	.....	25,488
1943 12,688	998	.....	1,006	9,681	2,942	.....	27,315
1944 12,630	860	.....	818	8,980	2,667	.....	25,955
Average.....	1940 12,949	1,406	4	649	7,337	2,783	25,128
1941 12,929	1,322	4	613	7,545	2,567	.....	24,980
1942 12,566	1,033	3	592	7,999	2,570	.....	24,763
1943 11,897	964	3	723	8,331	2,748	.....	24,846
1944 12,476	925	.....	655	8,323	2,855	.....	25,234

Table 35.—Employment and Days' Work Done, by Months, at Coal Mines in Canada, 1944, with Comparative Totals for 1943

Month	Number of employees			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	6,638	21,071	27,707	154,351	454,929	609,280
February.....	6,380	20,677	27,057	143,535	428,215	571,750
March.....	6,094	20,120	26,214	149,251	452,437	601,688
April.....	5,845	19,098	24,943	129,780	385,674	513,451
May.....	5,839	18,514	24,353	138,456	304,628	533,081
June.....	5,838	18,207	24,045	136,894	302,832	529,726
July.....	5,891	17,727	23,618	131,353	360,124	491,477
August.....	6,026	17,674	23,700	144,385	402,916	547,301
September.....	5,961	18,461	24,422	139,545	398,885	538,430
October.....	6,013	18,757	24,770	141,452	416,909	558,361
November.....	6,210	19,779	25,989	147,144	438,847	585,991
December.....	6,271	19,684	25,955	140,351	401,132	541,483
Total for 1944.....				1,696,497	4,927,528	6,621,025
Total for 1943.....				1,711,767	4,967,789	6,679,556

Table 36.—Employment at Coal Mines in Canada, by Classes and by Provinces, 1944 with Comparative Totals for 1943

Classification	Province						Canada		
	Nova Scotia	New Brunswick	Manitoba	Saskatchewan	Alberta	British Columbia	Surface	Under-ground	Total
Administration.....	34	26	.....	8	102	18	188	.....	188
Clerks.....	151	20	.....	28	166	41	406	.....	406
Screenmen and loaders.....	604	43	.....	61	601	103	1,399	13	1,412
Foremen and officials.....	887	32	.....	31	622	186	386	1,368	1,738
Stripping shovel operators.....	.....	10	.....	24	6	2	42	.....	42
Cleaning shovel operators.....	.....	1	.....	3	2	.....	6	.....	6
Hand cutters and helpers.....	393	473	.....	83	1,670	230	.....	2,861	2,861
Machine cutters and helpers.....	569	19	.....	28	285	275	.....	1,176	1,176
Machine loaders and helpers.....	1,780	39	.....	78	1,414	595	.....	3,906	3,906
Horse haulage employees.....	267	3	.....	21	433	92	38	777	816
Mechanical haulage employees.....	1,984	16	.....	36	430	389	141	2,417	2,561
Ventilation employees.....	211	2	.....	1	53	21	2	246	288
Roadmakers.....	308	3	.....	47	202	38	12	586	588
Timbermen.....	1,208	7	.....	14	375	139	16	1,727	1,743
Pumpmen.....	99	22	.....	8	37	1	22	145	167
Louing shovels.....	.....	6	.....	14	9	4	33	.....	33
Chute loaders.....	32	1	.....	3	189	5	10	220	230
Engineers.....	292	12	.....	10	105	27	306	146	446
Firemen.....	106	8	.....	12	93	26	244	1	245
Machinists.....	243	9	.....	10	85	35	337	45	382
Carpenters and masons.....	158	13	.....	10	90	51	310	12	322
Other mechanics.....	338	7	.....	8	177	91	288	333	621
Japanese.....	.....	.....	.....	.....	.....	82	82	.....	82
Chinese.....	.....	.....	.....	.....	.....	4	3	1	4
Indians.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
All other employees.....	3,112	153	.....	117	1,165	391	1,809	3,129	4,938
Total for 1944.....	12,476	925	.....	655	8,323	2,855	6,088	19,146	25,234
Total for 1943.....	11,897	964	3	723	8,531	2,748	5,913	18,953	24,866

Table 37.—Average Output of Coal per Man-Day in Canada, by Provinces and by Districts, 1943 and 1944

	1943			1944		
	Number of man-days	Output	Average output per man-day	Number of man-days	Output	Average output per man-day
NOVA SCOTIA—						
Cape Breton.....	2,308,793	4,435,018	1.929	2,435,747	4,225,683	1.735
Cumberland.....	528,211	971,206	1.838	521,291	880,799	1.690
Inverness.....	69,803	90,085	1.377	77,273	93,490	1.209
Pictou.....	418,826	600,776	1.484	439,301	545,789	1.242
Total.....	3,325,633	6,103,085	1.835	3,473,612	5,745,671	1.654
NEW BRUNSWICK.....	251,928	372,873	1.480	235,459	345,123	1.466
MANITOBA.....	797	999	1.253			
SASKATCHEWAN.....	200,468	1,665,972	8.310	158,493	1,372,766	8.661
ALBERTA—						
Bituminous—						
Cascade.....	81,484	343,476	4.215	83,751	363,314	4.338
Crownest.....	537,368	1,962,457	3.652	530,203	1,943,277	3.665
Highwood.....						
Mountain Park.....	237,399	843,411	3.553	230,646	892,954	3.871
Nordegg.....	110,859	320,549	2.892	112,184	351,869	3.136
Total Bituminous.....	967,110	3,469,883	3.588	956,784	3,551,414	3.712
Sub-Bituminous—						
Coalspur.....	185,227	713,082	3.850	162,687	651,340	4.004
Morley.....						
Pekisko.....	3,046	11,802	3.881	1,527	5,864	3.840
Pincher.....	218	451	2.069	310	660	2.129
Prairie Creek.....	1,999	2,128	1.068	4,261	7,637	1.792
Saunders.....	32,418	64,789	1.999	30,946	63,926	2.066
Total Sub-Bituminous.....	222,908	792,252	3.554	199,731	729,427	3.652
Lignite—						
Ardley.....	3,346	10,239	3.060	2,328	7,109	3.054
Big Valley.....	4,773	12,836	2.145	2,437	5,471	2.245
Brooks.....	3,900	29,129	7.469	7,306	88,365	12.095
Camrose.....	21,153	63,834	3.018	21,999	65,303	2.968
Carbon.....	22,414	68,475	3.055	15,363	46,896	3.052
Castor.....	21,025	59,674	2.838	14,504	40,896	2.802
Champion.....	5,353	11,776	2.200	3,135	7,177	2.289
Drumheller.....	507,575	1,838,658	3.622	468,194	1,678,322	3.585
Edmonton.....	151,308	450,870	3.019	114,682	389,333	3.395
Gleichen.....	13,369	21,369	1.607	10,590	16,430	1.551
Halcourt.....	1,675	1,872	1.118	555	618	1.113
Lethbridge.....	173,999	579,287	3.329	150,013	481,844	3.212
Magrath.....						
Milk River.....	1,384	2,034	1.959	962	1,624	1.688
Pakana.....						
Pakowki.....	249	419	1.683	161	216	1.342
Pembina.....	16,561	53,611	3.237	19,886	72,251	3.633
Kouchiboo.....	8,599	28,165	3.275	4,223	10,603	2.511
Rochester.....	1,909	7,288	3.818	1,115	4,257	3.818
Seismith.....						
Sheerness.....	6,063	58,939	9.721	6,543	49,780	7.608
Steveville.....						
Taber.....	6,595	20,596	3.123	8,506	74,936	8.810
Tofield.....	14,787	85,268	5.766	16,625	101,895	6.521
Westlock.....						
Wetaskiwin.....	985	3,272	3.322	428	1,085	2.535
Whitecourt.....	89	179	2.011	162	287	1.772
Area not designated.....	54	191	3.537	1,365	3,169	2.322
Total Lignite.....	987,165	3,414,581	3.459	870,172	3,147,867	3.617
Total Alberta.....	2,177,183	7,676,726	3.526	2,026,687	7,428,708	3.665
BRITISH COLUMBIA—						
Crow's Nest Pass.....	244,687	1,038,835	4.246	288,755	1,221,621	4.231
Inland.....	93,799	182,297	1.943	60,351	138,133	2.289
Island.....	385,061	818,270	2.125	380,668	774,477	2.034
Total.....	723,547	2,039,402	2.819	729,774	2,134,231	2.924
YUKON.....						
Canada.....	6,679,556	17,859,057	2.674	6,624,025	17,026,499	2.570

Table 38.—Fuel and Electricity Used in the Coal Mining Industry in Canada, by Kinds and by Provinces, 1944

Province	Coal			Gasoline, kerosene and fuel oil	Elec- tricity purchased	Total value	Electric- ity generated for own use
	Bituminous	Sub-bituminous	Lignite				
Nova Scotia—							
Quantity.....	340,925			11,605	111,620,514		
Value.....	\$ 1,324,539			2,657	1,199,878	2,527,071	23,034,664
New Brunswick—							
Quantity.....	8,667			10,862	1,615,738		
Value.....	\$ 43,209			2,229	29,888	75,326	
Manitoba—							
Quantity.....							
Value.....	\$ 8						
Saskatchewan—							
Quantity.....				28,191	116,852	4,267,146	
Value.....	\$ 8			27,211	32,976	77,409	137,596
Alberta—							
Quantity.....	98,631	54,331	25,078	115,424	38,151,155		
Value.....	\$ 284,425	87,865	38,844	24,908	566,329	1,002,371	12,042,347
British Columbia—							
Quantity.....	29,237			30,203	10,343,844		
Value.....	\$ 98,727			7,071	218,049	323,847	17,699,995
Canada—							
Quantity.....	477,460	54,331	53,269	241,946	165,998,397		
Value.....	\$ 1,750,900	87,865	66,055	69,841	2,091,533	1,066,320	53,677,006

*Includes \$106 worth of other fuel.

Table 39.—Power Employed in the Coal Mining Industry in Canada, by Provinces, 1944, with Comparative Totals for 1943

Province	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water wheels	Total primary power	Electric motors run by purchased power	Total power employed	Electric motors run by primary power in same plant	Total electric motors	Boilers	Motor-generator sets
Nova Scotia.....	No. H.P. 38 51,515	8 245		46 51,709	915 66,066	965 117,826	82 7,597	1,001 73,657	87 31,552	17 2,530
New Brunswick.....	No. H.P. 6 250	16 437		29 687	247 1,244	269 1,931		247 1,344	6 305	
Manitoba.....	No. H.P.									
Saskatchewan.....	No. H.P. 16 1,505	53 1,511		69 3,016	382 6,982	451 9,998	35 536	417 7,518	9 1,450	19 1,886
Alberta.....	No. H.P. 129 20,611	173 3,587		402 24,198	1,557 40,035	1,859 61,233	368 8,164	1,925 48,199	114 16,030	59 3,377
British Columbia.....	No. H.P. 33 4,812	38 1,147	2 12,000	7 17,959	225 8,835	298 26,794	58 6,619	283 15,454	28 5,642	4 226
Total for 1944.....	No. H.P. 222 78,633	288 6,927	2 12,000	512 97,620	3,330 123,156	3,842 220,776	543 22,916	3,873 146,072	244 51,985	99 8,013
Total for 1943.....	No. H.P. 261 81,313	233 4,941	2 12,000	496 98,251	3,207 123,493	3,703 223,747	478 21,949	3,683 117,442	241 52,008	79 7,316

CHAPTER TWO
PRINCE EDWARD ISLAND

Table 40.—*Imports into Prince Edward Island of Anthracite and Bituminous Coal, by Ports of Entry, 1943 and 1944

(Short tons)

Port	Source	1943						1944					
		Anthracite				Bitum- inous, all grades	Total coal	Anthracite				Bitum- inous, all grades	Total coal
		Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total	Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total				
Charlottetown	U.S.	2,214	.....	49	2,263	118	2,381	3,065	.....	.....	3,065	127	3,192
	G.B.												
Summerside	U.S.	206	.....	.....	206	.....	206	1,241	.....	.....	1,241	.....	1,241
	G.B.												
Total	U.S.	2,420	.....	49	2,469	118	2,587	4,306	.....	.....	4,306	127	4,433
	G.B.												
Grand total....	....	2,420	.....	49	2,469	118	2,587	4,306	.....	.....	4,306	127	4,433

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

Table 41.—Summary Statistics for Prince Edward Island in 1944—Exports, Inter-provincial Shipments and Imports, by Months and by Kinds

(Short tons)

Month	Canadian coal received from other provinces	Exported	Imported from U.S.A.	Imported from Great Britain
January—				
Anthracite.....	15,841		161	
Bituminous.....			43	
Total.....	15,841		204	
February—				
Anthracite.....			388	
Bituminous.....	11,871			
Total.....	11,871		388	
March—				
Anthracite.....			260	
Bituminous.....	5,141			
Total.....	5,141		260	
April—				
Anthracite.....			301	
Bituminous.....	11,130		46	
Total.....	11,130		347	
May—				
Anthracite.....			169	
Bituminous.....	13,677			
Total.....	13,677		169	
June—				
Anthracite.....			158	
Bituminous.....	16,429			
Total.....	16,429		158	
July—				
Anthracite.....			227	
Bituminous.....	11,723			
Total.....	11,723		227	
August—				
Anthracite.....			597	
Bituminous.....	19,785			
Total.....	19,785		597	
September—				
Anthracite.....			361	
Bituminous.....	15,106			
Total.....	15,106		361	
October—				
Anthracite.....			562	
Bituminous.....	15,710		38	
Total.....	15,710		600	
November—				
Anthracite.....			645	
Bituminous.....	16,872			
Total.....	16,872		645	
December—				
Anthracite.....			477	
Bituminous.....	11,203			
Total.....	11,203		477	
Total—				
Anthracite.....			4,396	
Bituminous.....	164,488		127	
Total.....	164,488		4,433	

CHAPTER THREE
NOVA SCOTIA

Table 42.—Output of Coal from Nova Scotia Mines, 1785-1944

(Short tons)

Calendar year	Output	Value	Calendar year	Output	Value	Calendar year	Output	Value
	\$				\$			\$
1785-1866.....	2,649,416	4,139,714	1893.....	2,444,924	3,820,194	1920.....	6,437,156	32,314,523
1867.....	595,332	931,769	1894.....	2,527,982	3,949,970	1921.....	5,734,928	27,782,050
1868.....	574,106	897,041	1895.....	2,225,145	3,476,790	1922.....	5,569,072	24,629,921
1869.....	647,727	1,012,074	1896.....	2,508,570	3,919,655	1923.....	5,597,838	29,170,458
1870.....	719,211	1,123,767	1897.....	2,493,554	3,896,179	1924.....	5,557,441	22,280,554
1871.....	754,827	1,179,417	1898.....	2,583,180	4,004,970	1925.....	3,842,978	15,825,680
1872.....	1,003,806	1,568,446	1899.....	3,148,8.2	5,622,895	1926.....	6,747,477	28,845,226
1873.....	1,108,245	1,731,632	1900.....	3,623,536	8,088,250	1927.....	7,071,876	27,194,671
1874.....	972,954	1,520,240	1901.....	4,158,068	6,495,932	1928.....	6,743,504	27,427,556
1875.....	930,613	1,454,084	1902.....	5,161,316	9,210,636	1929.....	7,050,133	28,071,956
1876.....	837,755	1,308,991	1903.....	5,653,338	10,095,246	1930.....	6,252,552	24,529,880
1877.....	880,215	1,375,339	1904.....	5,590,241	9,993,288	1931.....	4,955,563	19,015,720
1878.....	875,994	1,368,741	1905.....	5,646,583	10,083,184	1932.....	4,081,581	15,167,703
1879.....	866,220	1,353,469	1906.....	6,220,505	11,108,044	1933.....	4,557,590	15,989,793
1880.....	1,177,659	1,840,108	1907.....	6,354,133	12,764,990	1934.....	6,341,625	21,860,093
1881.....	1,230,050	2,000,079	1908.....	6,652,539	13,304,476	1935.....	5,822,075	20,391,227
1882.....	1,534,947	2,382,730	1909.....	5,652,089	11,354,643	1936.....	6,649,102	22,973,281
1883.....	1,578,009	2,466,576	1910.....	6,431,14.	12,019,705	1937.....	7,256,954	23,640,810
1884.....	1,543,829	2,412,233	1911.....	7,004,420	14,071,379	1938.....	6,288,417	22,523,402
1885.....	1,547,990	2,418,735	1912.....	7,783,886	17,374,750	1939.....	7,051,176	25,611,271
1886.....	1,698,018	2,653,152	1913.....	7,930,073	17,812,66	1940.....	7,848,921	28,760,195
1887.....	1,858,500	2,904,057	1914.....	7,370,924	16,452,935	1941.....	7,387,76	28,446,204
1888.....	1,942,231	3,034,735	1915.....	7,403,370	16,659,308	1942.....	7,214,852	29,116,118
1889.....	1,918,827	2,998,167	1916.....	6,912,140	18,514,662	1943.....	6,103,085	27,121,861
1890.....	2,181,033	3,407,804	1917.....	6,327,091	19,410,737	1944.....	5,745,671	30,728,535
1891.....	2,257,919	3,543,624	1918.....	5,818,562	21,095,470	Total.....	332,465,197	982,725,187
1892.....	2,159,389	3,374,046	1919.....	5,790,196	22,350,157			

* For the years 1919-1944 the tonnage shown is the total output from all mines; for previous years the figures given include only sales, colliery consumption, and coal used by the operators.

Table 43.—Output of Coal from Nova Scotia Mines, by Months, 1940-1944

(Short tons)

Month	1940	1941	1942	1943	1944
January.....	683,153	683,589	671,196	532,380	543,519
February.....	620,210	614,668	684,649	532,893	513,357
March.....	597,455	727,801	678,218	603,862	580,186
April.....	627,884	603,838	676,550	544,690	482,975
May.....	691,133	559,335	609,418	481,895	461,699
June.....	622,802	509,211	522,865	466,436	463,403
July.....	644,152	548,222	595,635	482,278	393,320
August.....	687,391	547,858	543,842	460,267	459,402
September.....	651,809	514,043	537,980	454,653	443,730
October.....	708,925	696,917	558,043	498,387	480,837
November.....	691,107	695,533	564,686	537,152	493,792
December.....	622,740	686,747	503,770	508,192	429,391
Total.....	7,848,931	7,387,762	7,204,852	6,103,085	5,745,671

Table 44.—Output of Coal by Districts in Nova Scotia, 1940-1944

(Short tons)

District	1940	1941	1942	1943	1944
Cape Breton.....	5,896,839	5,384,375	5,289,250	4,435,018	4,225,683
Cumberland.....	929,497	1,064,244	1,123,029	971,208	880,709
Inverness.....	173,122	152,795	120,957	96,085	93,400
Pictou.....	849,463	786,348	671,616	600,776	545,789
Total.....	7,848,931	7,387,762	7,204,852	6,103,085	5,745,671

Table 45.—Output of Coal by Principal Collieries in Nova Scotia, 1942-1944
(Average of 500 tons or more per month)

(Short tons)

Name	Address	1942	1943	1944
CAPE BRETON DISTRICT—				
Bras d'Or Coal Co., Ltd.	Bras d'Or	161,258	146,142	136,972
Dominion Coal Co., Ltd.	Sydney	4,327,139	3,571,264	3,361,043
Indian Cove Coal Co., Ltd.	Sydney Mines	32,863	35,457	31,375
Old Sydney Collieries Ltd.	Trenton	752,868	671,439	682,847
Sullivan Coal Co., Ltd.	Sydney Mines	14,373	10,716	13,446
All other operators		749		
Total		5,289,250	4,435,018	4,225,653
CUMBERLAND DISTRICT—				
Beech Hill Coal Co.	River Hebert	6,284	670	
Cumberland Ry. & Coal Co.	Springhill	778,605	683,622	595,443
Gordon, Hugh	Joggins	6,572	294	
Hillcrest Mining Co. Ltd.	River Hebert	111,096	87,142	92,490
Joggins Coal Co., Ltd.	Amherst	132,128	130,509	120,495
Maritime Coal, Railway & Power Co., Ltd.	Amherst	7,386	1,876	
Standard Coal Co., Ltd.	Amherst	80,976	60,335	71,095
All other operators			758	1,276
Total		1,123,029	971,206	880,789
INVERNESS DISTRICT—				
Inverness Coal Mine	Inverness	119,604	92,535	6,925
Margaree Steamship Co.	Inverness		1,739	83,536
All other operators		1,353	1,811	2,939
Total		120,957	96,085	93,400
PICTOU DISTRICT—				
Acadia Coal Co., Ltd.	Stellarton	442,162	398,073	353,557
Greenwood Coal Co., Ltd.	New Glasgow	41,284	34,564	31,206
Intercolonial Coal Co., Ltd.	Westville	188,170	168,139	161,026
All other operators				
Total		671,616	600,776	545,789
Total Nova Scotia.		7,284,832	6,103,085	5,745,671

Table 46.—Tonnage Lost in Nova Scotia Coal Mines Showing, by Districts, the Relative Percentages Produced and Lost, with an Analysis of the Percentage Lost, 1943 and 1944

District	Per cent produced	Per cent lost	Percentage lost through:				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
Cape Breton	1943	76	24	17.9	0.1	0.1	5.5
	1944	75	25	20.2			1.6
Cumberland	1943	78	22	14.0			2.0
	1944	73	27	17.0	0.4		2.2
Inverness	1943	93	7	0.7	0.9		3.0
	1944	93	7	1.9			0.9
Pictou	1943	83	17	15.3			1.2
	1944	81	19	17.6	0.4		0.3
Total	1943	77	23	16.8	0.2	0.2	4.5
	1944	76	24	19.0	0.1		1.4

Table 47.—Disposition of Coal from Nova Scotia Mines, 1943 and 1944

(Short tons)

	1943		1944				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
Supplied to employees for domestic consumption.....	173,719	568,991	146,534	21,000	562	58	168,151	761,048
Coal shipped as per Table 49.....	5,167,410	25,250,688	919,192	1,871,540	127,487	2,372,632	5,290,860	28,885,609
Used under colliery boilers.....	241,310	816,680	16,708	3,340	26,216	206,334	252,598	895,248
Used by companies' railroads.....	38,799	178,712	33,448	2,091	444	.....	35,983	165,481
Used in shops, etc.....	67,287	313,378	3,851	1,333	33,639	11,888	50,711	237,910
Used by harbour tugs and dredges.....	1,000	6,954	1,633	.....	.....	.....	1,633	5,897
Put on bank.....	953,141	3,118,554	27,449	115,723	1,906	949,303	1,094,381	3,583,801
Put on waste heap.....	115,640	.....	.....	.....	.....	.....	2,114	.....
Total disposition.....	7,659,206	38,245,960	1,148,815	2,615,836	190,251	3,540,215	6,896,761	31,191,997
Lifted from bank.....	956,121	3,121,099	12,488	85,607	1,907	1,048,762	1,148,724	3,766,302
Lifted from waste heap.....	.....	.....	.....	.....	.....	.....	2,369	.....
Total output.....	6,103,085	27,121,861	1,136,327	1,929,429	188,387	2,491,453	5,745,471	30,728,535

Table 48.—Tonnage Put on Bank and Lifted from Bank in Nova Scotia, 1940-1944
(Short tons)

Month	1940		1941		1942		1943		1944	
	Put on Bank	Lifted from Bank	Put on Bank	Lifted from Bank	Put on Bank	Lifted from Bank	Put on Bank	Lifted from Bank	Put on Bank	Lifted from Bank
On bank at first of year.....	245,610	.....	187,293	.....	194,240	.....	79,381	.....	76,401	.....
January.....	251,622	86,542	172,807	69,444	192,843	87,544	49,538	60,284	104,373	70,193
February.....	249,473	47,097	225,522	76,284	265,066	82,677	118,802	82,774	126,667	74,208
March.....	238,832	79,090	241,860	74,901	253,316	94,542	117,618	87,524	147,273	86,782
April.....	226,079	66,828	159,143	99,637	263,245	87,144	98,557	73,606	94,512	88,015
May.....	72,942	171,820	64,393	196,625	193,163	134,023	45,195	133,864	77,258	189,767
June.....	71,650	261,092	61,455	294,354	73,301	190,041	39,182	111,471	67,780	131,115
July.....	76,972	289,237	70,204	183,702	56,480	296,169	74,061	76,526	75,101	104,834
August.....	88,224	271,465	66,640	98,258	73,269	372,344	81,622	68,155	80,690	89,776
September.....	84,948	198,015	79,132	70,795	81,213	198,380	68,411	60,250	74,077	78,924
October.....	90,135	166,625	117,015	151,268	74,030	121,217	68,175	84,595	82,290	81,956
November.....	120,975	106,979	89,206	129,037	97,242	95,300	95,083	69,226	95,491	79,037
December.....	216,947	98,329	195,256	91,390	102,534	81,260	96,897	67,860	58,869	74,117
Total.....	1,766,709	1,843,116	1,542,642	1,535,695	1,725,792	1,840,651	953,141	956,121	1,094,381	1,148,724

Table 49.—Shipments of Coal from Nova Scotia Mines, by Grades and by Destinations
1943 and 1944
(Short tons)

Destination	1943					1944				
	Run-of mine	Lump	Nut and other grades	Slack	Total	Run-of mine	Lump	Nut and other grades	Slack	Total
Coal supplied for bunkers.....	135,925	11,188			147,113	97,297	9,700			106,997
Coal supplied to railroads—										
In Nova Scotia.....	465,627	92,631	35	22,413	580,700	435,580	137,555	3,630	17,931	594,696
In New Brunswick.....	215,337	34,831	388	15,034	265,590	144,044	64,542	343	12,602	221,531
In Quebec.....	50,511	6,413	97	1,714	58,735	5,932	7,054	129	450	13,565
In Ontario.....										
In Prince Edward Island.....	15,081	6,494		4,999	26,574	18,354	7,687		5,719	31,700
Total in Canada.....	746,556	140,369	520	44,160	931,605	603,910	216,838	4,102	36,702	861,552
In Newfoundland.....		87,008			87,008		50,888			50,888
Nova Scotia Iron and Steel.....	10,326	216,652		894,893	1,121,871	1,163	234,590		903,891	1,199,644
Nova Scotia other shipments by land.....	140,681	472,970	59,838	311,775	985,264	112,250	452,918	67,542	307,199	939,969
Nova Scotia by sea.....	2,652	196,536	7,843	75,809	282,840	5,195	179,432	9,263	88,340	282,239
New Brunswick.....	97,918	303,135	21,052	426,066	849,371	74,026	335,664	20,107	487,655	917,452
Newfoundland.....	2,851	236,613		66,108	305,572	20,055	226,731		65,197	311,943
Prince Edward Island.....	1,272	84,154	6,213	34,160	125,799	1,911	86,000	11,154	33,573	132,638
Quebec.....	51,764	59,199	21,534	487,257	619,754	3,385	63,733	15,319	399,157	471,594
Ontario.....										
United States.....										
St. Pierre.....		11,213			11,213		8,996			8,996
Greenland.....							654			654
Lost at Sea.....							5,495		918	6,323
Total.....	1,189,945	1,819,037	117,600	2,340,828	5,467,110	919,192	1,871,519	127,487	2,372,632	5,290,860

Table 50.—Exports of Canadian Coal through Nova Scotia Ports, 1940-1944
(Short tons)

Port	1940	1941	1942	1943	1944
Halifax.....	8	70	48	13	
North Sydney.....	109,195	122,008	123,446	84,948	137,593
Pictou.....	90,909	98,734	279,537	312,742	242,021
Sydney.....					40
Total.....	200,112	220,812	403,031	397,703	379,654

Table 51.—Imports* into Nova Scotia of Anthracite and Bituminous Coal, by Ports of Entry, 1943 and 1944

(Short tons)

Port	Source	1943					1944					Total coal	
		Anthracite				Bitum- inous all grades	Total coal	Anthracite					
		Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total			Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total		
Annapolis	U.S.						45				45	45	
Antigonish	U.S.						238				238	238	
Barrington													
Passage	U.S.						335				335	335	
Bridgewater	U.S.	132		44	176	176	288				288	288	
Canso	U.S.	167			167	167	84				84	84	
Digby	U.S.	3			3	3	161				161	161	
Halifax	U.S.	1,537		48	1,585	40,818	42,463	12,609		6,105	18,714	76,590	
	G.B.	33,220		3,698	36,918	1,412	38,793	34,130	215	4,255	38,600	38,600	
Kentville	U.S.						929				929	929	
Liverpool	U.S.	789			789	4,075	4,861	703			763	763	
Lockeport	U.S.	290			290		350				350	350	
Lunenburg	U.S.	1,368			1,368		1,368	2,978			2,378	2,378	
Middleton	U.S.						101				101	101	
North Sydney	U.S.						115				115	115	
Port Hawkesbury	U.S.	279			279		279	445			445	445	
	G.B.					30	30						
Sydney	U.S.					1,163	1,163				12,617	12,617	
	G.B.					433	433						
Truro	U.S.						98				350	448	
Weymouth	U.S.	44			44		44	145			47	192	
Windsor	U.S.						345					345	
Yarmouth	U.S.	9,087			9,087		9,087	6,150			39	6,189	
	G.B.										2	6,191	
Total	U.S.	13,696		92	13,788	46,056	59,844	26,182		6,511	32,723	89,509	
	G.B.	33,220		3,698	36,918	1,875	38,793	31,130	215	4,255	38,600	38,600	
Grand Total		46,916		3,790	50,706	47,931	98,637	60,312	215	10,796	71,323	89,509	
												160,832	

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

Table 52.—Summary Statistics for Nova Scotia in 1944—Output, Exports, Inter-provincial Shipments and Imports, by Months and by Kinds

(Short tons)

Month	Canadian Coal				Imported from Great Britain
	Output	Received from other provinces	Shipped to other provinces	Exported	
January—					
Anthracite					
Bituminous	543,519		144,000	16,962	1,194
Total	543,519		144,000	16,962	15,637
Total	543,519		144,000	16,962	16,831
February—					
Anthracite					
Bituminous	513,357		131,109	17,935	1,432
Total	513,357		131,109	17,935	8,997
Total	513,357		131,109	17,935	14,883
March—					
Anthracite					
Bituminous	580,186		161,556	22,749	893
Total	580,186		161,556	22,749	17,137
Total	580,186		161,556	22,749	18,030
Total	580,186		161,556	22,749	6,125
April—					
Anthracite					
Bituminous	482,975		155,534	3,827	1,417
Total	482,975		155,534	3,827	13,029
Total	482,975		155,534	3,827	15,046
May—					
Anthracite					
Bituminous	461,699		220,894	45,484	992
Total	461,699		220,894	45,484	2,544
Total	461,699		220,894	45,484	3,536
June—					
Anthracite					
Bituminous	463,403		199,057	48,445	1,005
Total	463,403		199,057	48,445	610
Total	463,403		199,057	48,445	1,615
July—					
Anthracite					
Bituminous	393,320		147,167	55,659	1,522
Total	393,320		147,167	55,659	5,371
Total	393,320		147,167	55,659	5,088
August—					
Anthracite					
Bituminous	459,462		148,325	33,437	3,059
Total	459,462		148,325	33,437	18,061
Total	459,462		148,325	33,437	21,120
Total	459,462		148,325	33,437	1,976
September—					
Anthracite					
Bituminous	443,730		121,270	53,630	7,589
Total	443,730		121,270	53,630	6,925
Total	443,730		121,270	53,630	14,514
October—					
Anthracite					
Bituminous	480,837		121,257	23,494	3,395
Total	480,837		121,257	23,494	7,369
Total	480,837		121,257	23,494	3,395
November—					
Anthracite					
Bituminous	493,792		138,072	21,780	4,549
Total	493,792		138,072	21,780	598
Total	493,792		138,072	21,780	5,147
December—					
Anthracite					
Bituminous	429,391		99,699	36,282	5,676
Total	429,391		99,699	36,282	3,159
Total—					
Anthracite					
Bituminous	5,745,671		1,788,540	379,651	32,723
Total	5,745,671		1,788,540	379,651	38,600
Total	5,745,671		1,788,540	379,651	89,509

Table 53.—Employees, Salaries and Wages in the Coal Mines of Nova Scotia,
by Districts, 1944

District	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners			Total	Salaries	Wages
	Male	Female	Surface	Under-ground				
Cape Breton.....	338	123	1,232	7,373	9,066	1,072,362	20,726,475	21,798,837
Cumberland.....	47	16	286	1,527	1,876	137,285	3,822,162	3,959,417
Inverness.....	17	2	87	176	282	37,586	465,964	503,550
Pictou.....	70	16	306	1,112	1,504	200,553	3,211,585	3,412,138
Total.....	472	157	1,911	10,188	12,728	1,447,796	*28,226,186	29,673,982

* Includes retroactive payments of the dollar a day wage increase applying to the months of November and December, 1943, but which were paid in 1944.

NOTE.—Tables 54, 55 and 57 are compiled from *monthly* returns of operators and show the average employment at coal mines. Salaried employees shown in Table 53 are compiled from *annual* returns and include 252 persons who are not employed in or about the mines and are not reported on the monthly returns.

Table 54.—Employment at Coal Mines in Nova Scotia, 1940-1944

	1940	1941	1942	1943	1944
Average number of employees—					
Surface	2,067	2,150	2,116	2,083	2,132
Underground.....	10,882	10,779	10,450	9,814	10,344
Total.....	12,949	12,929	12,566	11,897	12,476
Days' work done—					
Surface	593,496	642,740	623,102	630,386	628,228
Underground.....	2,812,058	2,962,890	2,840,780	2,665,247	2,645,384
Total.....	3,405,554	3,605,630	3,463,882	3,325,633	3,273,612
Average number of days worked per man per year—					
Surface	287	298	294	303	295
Underground.....	258	275	272	275	275
By all employees.....	263	278	276	279	278

Table 55.—Employment and Work Done, by Months, at Coal Mines in Nova Scotia
in 1944

Month	Number of employees			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	2,113	10,825	12,938	52,485	247,359	299,844
February.....	2,104	10,764	12,868	51,812	240,587	292,399
March.....	2,119	10,825	12,941	57,068	267,868	321,936
April.....	2,151	10,815	12,966	51,472	237,606	289,078
May.....	2,136	10,295	12,431	53,075	230,243	283,318
June.....	2,133	10,002	12,135	53,730	232,905	286,625
July.....	2,097	9,520	11,623	48,926	206,331	255,257
August.....	2,119	9,461	11,580	53,535	236,181	289,716
September.....	2,146	10,157	12,303	52,222	234,890	287,112
October.....	2,153	10,272	12,425	52,184	241,205	293,389
November.....	2,167	10,700	12,867	52,723	249,760	302,483
December.....	2,135	10,495	12,630	48,996	220,359	269,355
Total.....				628,228	2,845,384	3,473,612

Table 56.—Number of Man-Days Worked, by Districts, in Nova Scotia, 1943 and 1944

District	1943			1944		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Cape Breton.....	390,562	1,918,231	2,308,793	397,816	2,037,931	2,435,247
Cumberland.....	103,000	425,211	528,211	90,689	430,602	521,291
Inverness.....	28,413	41,390	69,803	31,320	45,953	77,273
Pictou.....	108,411	310,415	418,826	108,403	330,898	439,301
Total.....	638,386	2,695,247	3,325,633	628,228	2,845,384	3,473,612

Table 57.—Employment at Coal Mines in Nova Scotia, by Classes, 1943 and 1944

Classification	1943			1944		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	68		68	34		34
Foremen and officials.....	56	722	778	91	796	887
Clerks.....	139		139	151		151
Screenmen and loaders.....	611		611	604		604
Handcutters and helpers.....		400	400		393	393
Machine cutters and helpers.....		571	571		569	569
Machine loaders and helpers.....		1,725	1,725		1,780	1,780
Horse haulage employees.....		300	300		265	267
Mechanical haulage employees.....	18	1,535	1,553	24	1,660	1,684
Ventilation employees.....		193	193		211	211
Roadmakers.....		291	291		308	308
Timbermen.....		1,113	1,113		1,208	1,208
Pumpmen.....	1	89	90	2	97	99
Chute loaders.....		34	34		32	32
Enginemen.....	162	128	290	159	133	292
Firemen.....	106		106	106		106
Machinists.....	203	14	217	216	27	243
Carpenters and masons.....	144	4	148	153	5	158
Other mechanics.....	64	260	324	63	275	338
All other employees.....	511	2,435	2,946	527	2,585	3,112
Total.....	2,063	9,814	11,897	2,132	10,344	12,476

CHAPTER FOUR
NEW BRUNSWICK

Table 58.—Output of Coal from New Brunswick Mines, 1887-1944

(Short tons)

Calendar year	Output	Value	Calendar year	Output	Value	Calendar year	Output	Value
	\$	\$		\$	\$		\$	\$
1887.....	10,040	23,607	1906.....	34,076	68,152	*1925.....	208,012	815,367
1888.....	5,730	11,050	1907.....	34,584	77,814	*1926.....	173,111	710,245
1889.....	5,673	11,733	1908.....	60,000	135,000	*1927.....	203,950	885,038
1890.....	7,110	13,850	1909.....	49,029	98,496	*1928.....	207,738	869,104
1891.....	8,422	11,030	1910.....	55,455	110,910	*1929.....	218,706	909,160
1892.....	6,768	8,375	1911.....	55,781	111,562	*1930.....	209,349	864,118
1893.....	6,200	8,837	1912.....	44,780	80,560	*1931.....	182,181	743,196
1894.....	6,469	10,264	1913.....	70,311	166,037	*1932.....	212,695	794,168
1895.....	9,500	14,250	1914.....	98,049	241,075	*1933.....	312,303	1,041,744
1896.....	7,500	11,250	1915.....	127,391	309,612	*1934.....	314,780	1,028,348
1897.....	6,000	9,000	1916.....	143,540	386,016	*1935.....	346,024	1,129,019
1898.....	6,160	9,240	1917.....	189,095	708,010	*1936.....	368,618	1,190,032
1899.....	10,528	15,702	1918.....	268,212	1,331,710	*1937.....	364,714	1,180,611
1900.....	10,000	15,000	*1919.....	166,377	735,386	*1938.....	342,238	1,133,346
1901.....	17,630	51,857	*1920.....	171,610	1,091,440	*1939.....	468,421	1,566,359
1902.....	18,795	39,680	*1921.....	187,192	920,666	*1940.....	547,064	1,961,863
1903.....	16,000	40,000	*1922.....	287,513	1,107,543	*1941.....	523,344	2,021,394
1904.....	9,112	18,224	*1923.....	278,617	1,196,772	*1942.....	435,203	1,826,403
1905.....	29,400	58,800	*1924.....	217,121	932,185	*1943.....	372,873	1,641,069
						Total.....	9,087,187	34,356,350

*For the years 1919-1944 the tonnage shown is the total output from all mines; for previous years the figures given include only sales, colliery consumption and coal used by operators.

Table 59.—Output of Coal from New Brunswick Mines, by Months, 1940-1944
(Short tons)

Month	1940	1941	1942	1943	1944
January.....	47,234	44,138	39,918	31,027	26,404
February.....	45,518	46,245	36,449	31,017	25,882
March.....	44,762	49,662	36,389	29,633	29,706
April.....	41,968	38,858	32,384	29,030	23,587
May.....	46,586	47,845	35,079	31,391	23,969
June.....	43,511	44,048	38,664	30,921	25,944
July.....	45,311	45,755	37,132	33,121	36,692
August.....	48,180	44,283	42,440	31,179	26,178
September.....	49,361	42,068	36,976	36,848	33,354
October.....	52,017	45,067	37,254	30,875	32,937
November.....	49,252	35,672	32,884	29,316	31,756
December.....	42,364	39,703	29,634	28,515	28,714
Total.....	547,064	523,344	433,203	372,873	345,133

Table 60.—Output of Coal by Principal Collieries in New Brunswick, 1942-1944
 (Average output of 500 tons or more per month)
 (Short tons)

Name	Address	1942	1943	1944
Avon Coal Co., Ltd.	Saint John	53,944	51,727	47,466
Banks Coal Co., H. F.	Minto	4,781	4,267	
Crawford E. S. (formerly H. P. Thurrott)	Newcastle Creek	5,983	8,791	3,479
Evans, W. B. (Rothwell Coal Co., Ltd.)	Minto	48,569	47,155	39,693
Horgan, Frank J.	Chipman	3,434	6,714	5,431
King, G. H.	Chipman	23,304	22,142	22,270
Lockawan Coal Co.	Minto	6,769		
Minto Coal Co., Ltd.	Minto	133,013	105,107	122,588
Miramichi Lumber Co., Ltd.	Minto	64,981	58,404	40,386
Myles, Geo. H.	Minto	3,958	1,328	
Newcastle Coal Co.	Minto	21,889	21,819	18,951
Walton, Harvey Ltd.	Minto	9,410	6,501	3,282
Walton & Henderson Ltd.	Minto	34,039	28,121	28,088
Yennings, C. S.	Newcastle Bridge	7,505	4,625	4,389
All other operators		13,550	6,172	9,100
Total		435,203	372,873	345,123

Table 61.—Tonnage Lost in New Brunswick Coal Mines, Showing the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1943 and 1944

Year	Per cent produced	Percent lost	Percentage lost through:				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
1943	86	14	4.9	0.5		3.5	5.1
1944	85	15	7.4		0.1	1.6	5.9

Table 62.—Disposition of Coal from New Brunswick Mines, by Grades, 1943 and 1944
 (Short tons)

	1943			1944			Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack		
	Quantity	Value						
Supplied to employees for domestic consumption	1,718	15,050	4,207	83			1,290 15,724	
Shipped as per Table 63	363,857	1,609,748	163,310	82,403	14,100	70,876	330,689 1,781,985	
Used under colliery, boilers, etc.	2,757	11,076	7,516	7			7,523 36,376	
Used by companies' railroads	1,209	6,258	1,144				1,144 6,833	
Put on bank	18,168	63,947	6,310	585	25	522	7,442 33,318	
Put on waste heap	414						387	
Total disposition	391,123	1,706,079	182,487	83,078	14,125	71,398	351,475 1,874,236	
Lifted from bank	18,250	65,010	5,408	517		108	6,333 28,939	
Lifted from waste heap							19	
Total output	372,873	1,641,069	177,079	82,561	14,125	70,990	345,123 1,845,277	

Table 63.—Shipments of Coal from New Brunswick Mines, by Grades and Destination, 1943 and 1944
(Short tons)

Destination	1943						1944				
	Strip-coal	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
New Brunswick.....	13,691	138,024	8,005	3,140	60,649	223,510	129,706	19,749	14,054	61,773	225,282
Nova Scotia.....											90
Prince Edward Island.....	92		126			218			90		
Quebec.....		5,142	245		527	5,914	2,382	46	46		2,473
Ontario.....											
United States.....	1,933	5,074	562		22,158	29,727	20,581			9,043	29,621
Railroads—											
In Canada.....	10,484	3,490	90,514			104,488	10,641	62,519		60	73,720
In United States.....											
<i>Total Railroads</i>	10,484	3,490	90,514			104,488	10,641	62,519		60	73,720
Ships' bunkers.....											
Total	76,300	151,730	99,453	3,140	83,334	363,857	163,318	82,403	11,100	70,876	330,689

Table 64.—Exports of Canadian Coal through New Brunswick Ports, 1940-1944
(Short tons)

Port	1940					1941					1942					1943						
Edmundston.....						73,831					85,054					62,768					65,711	79,040
McAdam Junction.....						1,137						1,021						7				17
Saint John.....											2,043											
St. Stephen.....						31,663					43,398					36,373					30,385	34,070
Woodstock.....						3,166					3,343					1,923					2,088	1,399
Total						109,797					133,838					102,085					98,191	114,326

Table 65.—*Imports into New Brunswick of Anthracite and Bituminous Coal, by Sources and by Ports of Entry, 1943 and 1944
(Short tons)

Port	Source	1943						1944							
		Anthracite				Total		Anthracite				Total			
		Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total	Bitum- inous, all grades	Total	Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total	Bitum- inous, all grades	Total		
Bathurst.....	U.S.	124			124	98	222	124				124	2,738	2,860	
Campbellton.....	U.S.	385		41	426	75	501	333				333		333	
Chatham.....	U.S.	39			39	135	174	358				405	48	453	
Edmundston.....	U.S.	41		47	88		88	128				93		221	
Fredericton.....	U.S.	1,254			1,254	79	1,333	964				864	39	903	
McAdam Junction.....	U.S.	400			400	944	1,344	323				323	212	535	
Moncton.....	U.S.	1,489		52	1,541		1,541	1,464				1,464		1,464	
New Castle.....	U.S.	41			41		41	39				39		39	
Sackville.....	U.S.	163		50	213		213	85				48		133	
St. Andrews.....	U.S.	909			909	23	932	957				967		957	
Saint John.....	U.S.	34,921		984	35,905	15,053	50,958	37,814				4,412	42,226	37,361	
	G.B.	54,957	2,123	61,591	118,571	4,812	123,383	29,645	3,500	35,316	68,461		68,461		68,461
British India.....															
St. Stephen.....	U.S.	2,437			2,526	80	2,606	1,534				121	1,655	42	1,697
	G.B.														
Woodstock.....	U.S.	647			647	126	773	473				6	479	103	582
Total	U.S.	42,856		1,263	44,113	16,613	60,726	41,496				4,727	49,223	40,541	89,764
	G.B.	51,857	2,123	61,591	118,571	4,812	123,383	29,645	3,500	35,316	68,461		68,461		68,461
Grand total		97,707	2,123	62,854	162,684	21,425	181,109	71,141	3,500	40,043	117,684	10,541	158,225		

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

Table 66.—Summary Statistics for New Brunswick in 1944—Output, Exports, Inter-provincial Shipments and Imports, by Months and by Kinds
(Short tons)

Month	Canadian Coal				Imported from U.S.A.	Imported from Great Britain
	Output	Received from other provinces	Shipped to other provinces	Exported		
January—						
Anthracite.....	26,404	122,361	90	8,014	2,612	12,241
Bituminous.....					1,025	
Total.....	26,404	122,361	90	8,014	3,637	12,241
February—						
Anthracite.....	25,882	112,989	46	12,491	3,982	17,438
Bituminous.....					8,673	
Total.....	25,882	112,989	46	12,491	12,655	17,438
March—						
Anthracite.....	29,706	136,192	45	11,846	6,487	14,470
Bituminous.....					4,095	
Total.....	29,706	136,192	45	11,846	10,582	14,470
April—						
Anthracite.....	23,587	116,989		10,853	8,078	5,165
Bituminous.....					3,412	
Total.....	23,587	116,989		10,853	11,490	5,165
May—						
Anthracite.....	23,969	94,532		9,835	2,792	
Bituminous.....					3,807	
Total.....	23,969	94,532		9,835	6,599	
June—						
Anthracite.....	25,944	92,049		4,916	2,363	219
Bituminous.....					3,408	
Total.....	25,944	92,049		4,916	5,771	219
July—						
Anthracite.....	36,692	71,582	504	10,185	3,741	1,213
Bituminous.....					3,508	
Total.....	36,692	71,582	504	10,185	7,249	1,213
August—						
Anthracite.....	26,178	70,810	1,878	6,795	2,444	5,333
Bituminous.....					3,509	
Total.....	26,178	70,810	1,878	6,795	5,953	5,333
September—						
Anthracite.....	33,354	62,725		8,573	1,775	
Bituminous.....					102	
Total.....	33,354	62,725		8,573	1,877	
October—						
Anthracite.....	32,937	74,479		7,154	4,688	1,045
Bituminous.....					4,776	
Total.....	32,937	74,479		7,154	9,464	1,045
November—						
Anthracite.....	31,756	103,177		13,026	5,831	5,705
Bituminous.....					3,581	
Total.....	31,756	103,177		13,026	9,412	5,705
December—						
Anthracite.....	28,714	81,098		10,838	4,430	5,632
Bituminous.....					045	
Total.....	28,714	81,098		10,838	5,075	5,632
Total—						
Anthracite.....	345,123	1,138,983	2,563	114,526	19,223	68,461
Bituminous.....					10,541	
Total.....	345,123	1,138,983	2,563	114,526	89,764	68,461

Table 67.—Employees, Salaries and Wages in the Coal Mines of New Brunswick, 1944

	1944
Number of salaried employees—	
Male.....	45
Female.....	10
Number of daily wage-earners—	
Surface.....	251
Underground.....	619
Total.....	925
Salaries and wages—	
Salaries.....	\$ 120,677
Wages.....	\$ 1,328,885
Total.....	\$ 1,449,562

Table 68.—Employment at Coal Mines in New Brunswick, 1940-1944

	1940	1941	1942	1943	1944
Average number of employees—					
Surface.....	360	380	319	328	304
Underground.....	1,046	942	714	636	621
Total.....	1,406	1,322	1,033	964	925
Days' work done—					
Surface.....	94,363	97,753	77,950	81,447	78,198
Underground.....	291,284	254,908	193,022	170,481	157,261
Total.....	385,677	352,661	270,972	251,928	233,459
Average number of days worked per man per year—					
Surface.....	262	257	244	248	257
Underground.....	278	271	269	268	253
By all employees.....	274	267	263	261	255

Table 69.—Employment and Work Done, by Months, at Coal Mines in New Brunswick, 1944

Month	Number of employees			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	290	676	966	6,555	15,009	21,564
February.....	278	691	969	5,984	15,154	21,138
March.....	277	707	984	6,430	17,094	23,524
April.....	233	667	900	4,974	13,761	18,735
May.....	259	687	946	5,633	15,295	20,928
June.....	272	681	953	5,811	14,706	20,517
July.....	325	652	977	6,832	13,713	20,545
August.....	362	528	890	8,050	7,882	15,932
September.....	334	528	862	7,711	10,909	18,620
October.....	340	531	871	7,355	11,583	18,938
November.....	340	557	897	6,693	11,420	18,113
December.....	315	545	860	6,170	10,735	16,905
Total.....				78,198	157,261	233,459

Table 70. Employment at Coal Mines in New Brunswick, by Classes, 1943 and 1944

Classification	1943			1944		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration	26		26	26		26
Foremen and officials	21	16	37	21	11	32
Clerks	20		20	20		20
Screenmen and loaders	63		63	43		43
Hand cutters and helpers		452	452		473	473
Stripping shovel operators	11		11	10		10
Machine cutters and helpers		39	39		19	19
Machine loaders and helpers		47	47		39	39
Loading shovel	7		7	6		6
Cleaning shovel	2		2	1		1
Chute loaders	1	1	2	1		1
Horse haulage employees	3	4	7	3		3
Mechanical haulage employees	2	16	18	4	12	16
Ventilation employees		1	1	1		2
Roadmakers		3	3		3	3
Timbermen	5	5	10	4	3	7
Pumpmen	7	13	20	11	11	22
Engineers	19	2	21	9	3	12
Firemen	6		8	8		8
Machinists	7		7	9		9
Carpenters and masons	16		16	13		13
Other mechanics	7	1	8	5	2	7
All other employees	103	36	139	109	44	153
Total	328	636	964	384	621	925

CHAPTER FIVE
QUEBEC

Table 71.—Tonnage of Coal Retained in Quebec for Consumption 1940—1944

(Short tons)

	1940	1941	1942	1943	1944
ANTHRACITE—					
From—Great Britain.....	814,555	350,017	101,085	189,656	84,116
United States	690,651	953,847	1,572,962	1,499,755	1,573,375
Total	1,505,206	1,303,864	1,734,047	1,689,411	1,657,491
BITUMINOUS—					
From—Great Britain.....	165,908	8,877	364		
United States.....	1,792,673	4,104,262	5,252,843	6,333,564	6,082,306
Norway, Estonia, Denmark, Sweden and Newfoundland.....					
Total Imported	1,958,541	4,113,139	5,253,207	6,333,564	6,082,306
Nova Scotia (including coal for railroads).....	2,422,450	1,922,153	1,635,143	678,489	485,159
New Brunswick.....	53,715	39,750	6,384	5,914	2,473
Total Canadian	2,476,195	1,961,903	1,641,527	684,483	487,632

NOTE.—Bituminous coal from United States as shown in the table includes 274,598 tons imported into Ontario and shipped to Quebec. Deductions have been made for coal imported into Quebec and shipped to Ontario as follows:—Anthracite coal from Great Britain 16,658 tons; bituminous coal from United States 69,831 tons. Re-export 906 tons.

Table 72.—Exports of Canadian Coal through Quebec Ports, 1940-1944

(Short tons)

Port	1940	1941	1942	1943	1944
Coaticook			270	25	278
Huntingdon	103	206	71	1	70
Lacolle	481	332	12		
Lake Megantic			40		34
Montreal	2			10	
Quebec				839	
Rock Island			3	6	2
St. Armand					
St. Johns		388			26
Sutton					
Total	586	926	396	881	418

Table 73.—*Imports into Quebec of Anthracite and Bituminous Coal, by Ports of Entry, 1943 and 1944

(Short tons)

Port	Source	1943						1944					
		Anthracite						Anthracite					
		Grate, egg, stove, nut, doubles, cobbles, and trebles	Screen- ings or dust	Peas, beans, and smal- ler sizes n.o.p.	Total	Bitum- inous, all grades	Total	Grate, egg, stove, nut, doubles, cobbles, and trebles	Screen- ings or dust	Peas, beans, and smal- ler sizes n.o.p.	Total	Bitum- inous, all grades	Total
Ames	U.S.	151			151	160	311					186	186
Athelstan	U.S.												
Chicoutimi	U.S.	10,195		5,581	15,776	382,949	398,725	3,811		8,076	11,887	223,420	235,316
G.B.													
Conticook	U.S.	57			57	81	138	127	50	332	509	188	697
Drummond- ville	U.S.	682		862	1,544	730	2,274	334		1,004	1,338	732	2,070
Furnham	U.S.	1,724	19,055	516	21,295	174,879	196,174	1,302	15,257	607	17,166	230,029	247,193
Gaspe	U.S.					235	235						
Granby	U.S.	773		745	1,518	1,302	2,820	399		1,378	1,777	1,070	2,847
Hull	U.S.	2,913		2,006	4,919	1,459	6,378	3,117		1,863	4,980	1,506	6,186
Huntingdon	U.S.	284,170	21,510	329,139	634,819	211,358	846,177	208,280	3,500	278,662	400,442	429,538	819,980
Lacolle	U.S.	494,225	52,627	131,647	678,499	1,741,529	2,120,628	580,184	7,222	297,200	704,006	1,613,792	2,408,398
Lake													
Megantic	U.S.	849		47	896	490	1,386	39			30	55	94
Montreal	U.S.	25,704	4,208	48,437	78,409	2,587,244	2,665,653	22,623	615	111,870	135,108	2,569,067	2,701,173
G.B.	109,735	8,950	79,559	198,244			198,244	23,828	37,563	24,115	85,500		85,500
Paspébiac	U.S.					16,160	16,160						
Quebec	U.S.	7,408		1,325	8,733	369,068	378,701	12,054	2	55,560	67,610	295,520	363,136
G.B.	6,910	2,429	5,100	14,439			14,439	8,122		7,146	15,208		15,268
Rimouski	U.S.	59			59	6,396	6,455	107		106	213	24,472	24,683
G.B.													
Rock Island	U.S.	2,376		625	3,001	1,129	4,130	2,209		434	2,643	668	3,311
St. Armand	U.S.	50			50	50	50	148			148	713	861
St. Hyacinthe	U.S.			168	168	1,402	1,660			282	430	1,265	1,695
St. Johns	U.S.	1,660		337	1,997	1,716	3,713	1,169		404	1,573	4,319	5,892
Shawinigan													
Falls	U.S.			473	473	25,905	26,375			712	712	43,951	44,663
G.B.													
Sherbrooke	U.S.	5,833	53	33,223	39,109	11,471	50,580	6,492		26,303	32,795	8,881	41,678
Sorel	U.S.	346	321		667	46,701	47,368	153	100		253	45,311	45,564
G.B.													
Sutton	U.S.	259		100	359	50	409	181		100	281		281
Three Rivers	U.S.	1,447	179	1,988	3,614	240,350	245,964	1,118		3,708	4,820	352,831	337,637
G.B.								570					
Valleyfield	U.S.	2,048		949	2,997	41,073	41,070	2,111		1,166	3,277	30,870	34,147
Victoriaville	U.S.	265		380	645	99	711	235		521	758	50	806
Total	U.S.	813,254	97,853	558,518	1,499,755	5,864,926	7,361,681	846,341	26,746	700,288	1,573,373	3,878,445	2,451,820
	G.B.	116,645	11,379	85,229	213,233		213,233	31,950	37,563	31,261	100,774		100,774
Grand Total		959,899	109,332	613,777	1,713,008	5,864,926	7,577,939	878,291	64,309	731,549	1,674,119	3,878,445	2,532,591

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

Table 74.—Summary Statistics for Quebec in 1941—Exports, Interprovincial Shipments and Imports*, by Months and by Kinds

(Short tons)

Month	Canadian coal		
	Received from other provinces	Exported	Imported from U.S.A.
January—			
Anthracite			92,619
Bituminous			338,667
Total	6,488		431,286
February—			
Anthracite			112,225
Bituminous			262,207
Total	6,295		374,432
March—			
Anthracite			112,401
Bituminous			491,147
Total	20,268	2	603,548
April—			
Anthracite			90,326
Bituminous			342,432
Total	27,415		432,759
May—			
Anthracite			113,323
Bituminous			516,911
Total	112,685		630,234
June—			
Anthracite			135,549
Bituminous			611,583
Total	90,579		747,432
July—			
Anthracite			119,862
Bituminous			631,401
Total	64,366	34	751,263
August—			
Anthracite			152,322
Bituminous			683,695
Total	59,608	197	836,017
September—			
Anthracite			157,667
Bituminous			688,028
Total	43,439	134	845,695
October—			
Anthracite			174,779
Bituminous			589,798
Total	31,068		764,577
November—			
Anthracite			184,028
Bituminous			482,271
Total	18,023	43	666,299
December—			
Anthracite			128,274
Bituminous			240,004
Total	7,398		368,278
Total—			
Anthracite			1,573,375
Bituminous			5,878,445
Total	487,632	410	7,451,820
			100,774

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

CHAPTER SIX

ONTARIO

Table 75.—Tonnage of Coal Retained in Ontario for Consumption, 1940-1944

(Short tons)

	1940	1941	1942	1943	1944
ANTHRACITE—					
From—Great Britain, imported direct.....	126,538	41,193	27,401	16,046	10,676
Great Britain, received ex-Montreal*	242,880	145,032	40,914	33,245	16,658
United States, imported direct.....	1,917,618	2,321,240	2,775,025	2,483,459	2,518,343
Total	2,287,036	2,508,365	2,843,340	2,532,750	2,545,677
BITUMINOUS—					
From—Great Britain, imported direct.....					
Great Britain, received ex-Montreal.					
United States.....	11,446,873	13,496,408	15,227,916	16,944,590	17,190,861
Nova Scotia, received ex-mines.....	53,155	19,260	182		
Nova Scotia, received ex-Montreal.....	900,075	157,722	26,977		
New Brunswick, received ex-mines.....	1,531	209	110		
Alberta (including sub-bituminous).....	56,989	98,703	81,566		1,553
British Columbia.....	27,814	69,935	46,634		
Total	12,486,467	13,842,237	15,383,415	16,944,590	17,192,134
LIGNITE—					
From—Saskatchewan.....	17,817	24,450	13,464	14,601	16,624
Alberta.....	76,597	135,903	149,305	11,190	8,444
Total	94,414	160,353	162,859	15,791	25,068

* Includes a small quantity received ex-Saint John, New Brunswick, for years 1940-43.

Note.—Bituminous coal imported from United States as shown above, for 1944, includes 69,831 tons received in Ontario via Quebec ports.

Deductions have been made in the table for coal imported into Ontario and then transhipped to other provinces. The amounts deducted for 1944 are as follows:

	tons
Anthracite—to Manitoba.....	6,857
Bituminous—to Quebec.....	274,508
Manitoba.....	965,194
Saskatchewan.....	99,340
Alberta.....	108
Re-export.....	25,653

Table 76.—Exports of Canadian Coal through Ontario Ports, 1940-1944

(Short tons)

Port	1940	1941	1942	1943	1944
Fort Erie.....				66	187
Fort Frances.....	185	3	10	43	
Niagara Falls.....					
Sault Ste. Marie.....					
Windsor.....			86		
Total	185	89	76	230	585

Table 77.—*Imports into Ontario of Anthracite and Bituminous Coal, by Ports of Entry, 1943 and 1944

(Short tons)

Port	Source	1943			1944				Total	
		Anthra-	Bitum-	Total	Anthracite			Total		
					ite	inous,	Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust		
CENTRAL ONTARIO—										
Amherstburg.....	U.S.	11,843	115,348	127,191	12,561	2	242	12,805	147,474	
Belleville.....	U.S.	21,248	84,506	105,754	18,980	137	1,938	21,055	78,970	
Bowmanville.....	U.S.	4,822	1,178	6,000	4,102		399	4,501	3,341	
Brantford.....	U.S.	40,720	49,326	90,052	34,205		4,390	38,595	47,994	
Brookville.....	U.S.	16,630	33,358	49,988	12,412		2,626	15,038	25,381	
Chatham.....	U.S.	12,438	546,080	558,198	11,308		318	11,626	497,593	
Colborne.....	U.S.	5,841	463,567	469,408	4,427		196	4,623	568,556	
Collingwood.....	U.S.	6,438	11,885	18,323	5,011		798	5,809	11,318	
Cornwall.....	U.S.	17,753	89,829	107,682	21,949		5,001	26,850	67,375	
Fort Erie.....	U.S.	197,674	227,042	425,616	171,328	102	25,472	196,902	207,179	
Galt.....	U.S.	24,295	37,962	62,257	20,706	3	2,176	22,885	32,763	
Gananoque.....	U.S.	4,648	6,325	10,973	4,478		681	5,159	6,600	
Goderich.....	U.S.	11,147	50,090	61,237	6,780		364	7,153	44,225	
Guelph.....	U.S.	28,862	64,102	92,963	23,957		2,293	26,250	46,642	
Hamilton.....	U.S.	183,434	1,792,489	1,975,923	128,889	455	25,026	154,370	1,838,056	
Ingersoll.....	G.B.	6,595	6,884	13,479	5,680		697	6,377	6,755	
Kenora.....	U.S.								13,132	
Kingston.....	U.S.	42,838	107,558	150,394	36,001	199	6,395	42,595	99,773	
Kitchener.....	G.B.	32,876	96,423	129,299	27,887	201	2,472	30,560	88,119	
Lansdowne.....	U.S.	24		24					118,679	
Lindsay.....	U.S.	7,263	8,688	15,951	5,542		494	6,036	9,383	
London.....	U.S.	50,783	49,045	109,728	44,019		7,110	51,129	28,455	
Midland.....	G.B.	3,558	463,390	466,894	3,069		471	3,540	468,766	
Morrisburg.....	U.S.	2,390	960	3,356	2,296		160	2,456	1,342	
Napanee.....	U.S.	7,311	22,719	30,030	3,581		450	4,031	22,037	
Niagara Falls.....	U.S.	184,988	543,689	738,743	266,688	312	27,352	204,352	884,722	
North Bay.....	U.S.	7,823	44,218	52,041	6,332		341	6,673	24,187	
Orillia.....	U.S.	6,546	7,992	14,538	5,041		1,305	6,346	5,605	
Oshawa.....	U.S.	25,106	90,129	124,235	20,396		1,414	21,810	93,117	
Ottawa.....	U.S.	139,239	77,756	216,995	72,577	194	62,819	135,590	70,559	
Owen Sound.....	G.B.	5,707	39,214	44,921	5,162		504	5,666	31,427	
Paris.....	U.S.	8,963	8,614	17,572	6,776		636	7,412	6,413	
Parry Sound.....	U.S.	2,608	525,069	528,572	1,993		113	2,106	581,773	
Peterborough.....	U.S.	21,120	20,947	42,067	15,860	1	1,808	17,669	11,917	
Picton.....	U.S.	6,040	20,721	26,761	5,554		1,400	6,954	22,551	
Port Hope.....	U.S.	8,492	36,323	44,815	5,881		505	6,386	21,331	
Prescott.....	U.S.	28,523	791,230	819,759	10,066		10,820	29,886	708,844	
St. Catharines.....	U.S.	32,716	57,382	99,098	10,777	4	1,076	11,557	57,087	
St. Thomas.....	U.S.	18,141	259,013	277,154	5,767		517	6,284	235,299	
Sarnia.....	U.S.	4,072	1,585,351	1,589,423	4,398		221	4,619	875,134	
Sault Ste. Marie.....	G.B.	3,876	2,703,299	2,767,175	24,754		3,441	28,195	3,204,017	
Simeon.....	U.S.	6,550	27,837	34,387	6,853		754	7,607	29,329	
Stratford.....	U.S.	43,071	46,625	88,696	29,409	222	4,651	34,282	38,721	
Sudbury.....	G.B.	9,691	23,436	33,127	11,911		1,137	13,048	13,160	
Thiold.....	U.S.	9,091	168,585	177,670	8,974		643	9,617	187,266	
Tillsonburg.....	U.S.	3,915	336,181	310,096	3,539		245	3,784	301,789	
Toronto.....	U.S.	979,763	2,050,086	3,029,849	836,983	947	175,987	1,013,917	1,951,934	
Toronto West.....	G.B.	16,046	16,046		1,699		8,977	10,676	10,676	
Trenton.....	U.S.	16,627	50,088	66,715	15,136	1	1,727	16,864	61,446	
Walkerville.....	U.S.	5,671	54,676	60,347	4,127		303	4,430	40,038	
Wallaceburg.....	U.S.	14,782	166,215	180,997	12,083	1	415	12,499	166,326	
Welland.....	U.S.	1,445	14,133	15,578	1,699		55	1,754	43,092	
Whitby.....	U.S.	85,581	334,357	419,938	27,420		29,996	57,416	319,891	
Windsor.....	U.S.	30,955	1,070,339	1,110,294	34,158	98	4,901	39,157	1,151,350	
Woodstock.....	G.B.	14,441	22,771	37,212	9,330		1,550	10,889	16,040	
TOTAL FOR CENTRAL ONTARIO.....	U.S.	2,485,978	15,524,762	18,610,806	2,087,821	2,879	426,814	2,517,514	15,654,562	
	G.B.	16,046		16,046		1,689	8,977	10,676	10,676	

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

† Includes 66 tons of lignite coal.

Table 77.—*Imports into Ontario of Anthracite and Bituminous Coal, by Ports of Entry,
1943 and 1944—Concluded

(Short tons)

Port	Source	1943			1944						
		Anthra-	Bitum-	Total	Anthracite			Total	Bitum-		
					Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.				
HEAD OF LAKES—											
Fort Frances.....	U.S.	206	262,893	263,191	43	.....	.....	43	364,674	364,717
Fort William.....	U.S.	10,583	2,425,150	2,435,733	4,184	.....	3,472	7,656	2,195,070	2,202,726
Port Arthur.....	U.S.	294	152,955	153,249	87	.....	.....	87	271,617	271,704
TOTAL HEAD OF LAKES	U.S.	11,175	2,840,998	2,852,173	4,314	.....	3,472	7,786	2,831,361	2,839,147
Total for Ontario	U.S.	2,497,153	18,365,760	20,862,979	2,092,135	2,879	430,256	2,525,300	18,485,923	21,011,223	
	G.B.	16,016	.....	16,046	.....	1,698	8,977	10,676	.....	10,676
Grand total		2,513,169	18,365,760	20,879,025	2,092,135	4,578	439,263	2,535,976	18,485,923	21,021,899	

Table 78.—Summary Statistics for Ontario in 1944—Interprovincial Shipments, Exports, Imports* and Coal made Available for Consumption, by Months and by Kinds
(Short tons)

Month	Central Ontario				Head of Lakes			Total Ontario
	Canadian coal		Im- ported from U.S.A.	Im- ported from Great Britain	Coal available for con- sumption	Canadian coal		Coal available for con- sumption
	Received from other provinces	Ex- ported				Received from other provinces	Exported	
January—								
Anthracite.....			203,192		203,192			203,192
Bituminous.....			473,868		473,868		38,462	512,330
Sub-bituminous.....						2,307		2,307
Lignite.....								
Total.....			677,060		677,060	2,307	38,462	717,829
February—								
Anthracite.....			208,970		208,970			208,970
Bituminous.....			474,202		474,202		14,293	488,195
Sub-bituminous.....						124		124
Lignite.....						1,940		1,940
Total.....			883,172		883,172	2,004	14,293	899,329
March—								
Anthracite.....			225,154		225,154			225,154
Bituminous.....			454,132		454,132		40,111	494,243
Sub-bituminous.....						38		38
Lignite.....						2,669		2,669
Total.....			679,286		679,286	2,707	40,111	722,104
April—								
Anthracite.....			187,787	2,609	190,396			190,396
Bituminous.....			885,519		885,519		152,613	1,038,132
Sub-bituminous.....						42		42
Lignite.....						2,441		2,441
Total.....			1,073,306	2,609	1,075,915	2,483	152,613	1,231,011
May—								
Anthracite.....			212,471		212,471			212,471
Bituminous.....			1,748,412		1,748,412		380,052	2,128,464
Sub-bituminous.....						171		171
Lignite.....						1,725		1,725
Total.....			1,960,883		1,960,883	1,896	380,052	2,342,831
June—								
Anthracite.....			215,036		215,036			215,036
Bituminous.....			1,871,961		1,871,961		309,077	2,181,038
Sub-bituminous.....						1,704		1,704
Lignite.....								
Total.....			2,086,997		2,086,997	1,704	309,077	2,397,778
July—								
Anthracite.....			217,380		217,380			217,380
Bituminous.....		560	1,735,634		1,735,074		483,348	2,218,122
Sub-bituminous.....						83		83
Lignite.....						1,447		1,447
Total.....		560	1,953,014		1,952,454	1,530	483,348	2,437,332
August—								
Anthracite.....			216,966	1,699	218,665		40	218,705
Bituminous.....		25	1,932,846		1,932,821		458,160	2,399,981
Sub-bituminous.....						123		123
Lignite.....						1,447		1,447
Total.....		25	2,149,812	1,699	2,151,480	1,570	458,201	2,611,256
September—								
Anthracite.....			213,674	2,483	216,157		3,682	219,839
Bituminous.....			1,817,123		1,817,123	46	472,395	2,289,561
Sub-bituminous.....						207		207
Lignite.....						1,724		1,724
Total.....			2,030,797	2,483	2,033,280	1,977	476,077	2,511,331

Table 78.—Summary Statistics for Ontario in 1944—Interprovincial Shipments, Exports, Imports* and Coal made Available for Consumption, by Months and by Kinds—Concluded
(Short tons)

Month	Central Ontario				Head of Lakes			Total Ontario	
	Canadian coal		Im- ported from U.S.A.	Im- ported from Great Britain	Coal available for con- sumption	Canadian coal			
	Received from other provinces	Ex- ported				Received from other provinces	Ex- ported		
October—									
Anthracite.....		233,788	2,084	235,872			3,648	239,521	
Bituminous.....		1,906,256		1,906,256			269,634	2,175,890	
Sub-bituminous.....					206			206	
Lignite.....					2,808			2,808	
Total.....		2,140,044	2,084	2,142,128	3,014		273,283	2,418,425	
November—									
Anthracite.....		210,367		210,367			170	210,537	
Bituminous.....		1,561,439		1,561,439			141,096	1,702,535	
Sub-bituminous.....					255			255	
Lignite.....					1,632			1,632	
Total.....		1,771,806		1,771,806	1,887		141,266	1,914,959	
December—									
Anthracite.....		172,729	1,801	174,530			245	174,775	
Bituminous.....		793,170		793,170	46		72,120	865,326	
Sub-bituminous.....					212			212	
Lignite.....					3,224			3,224	
Total.....		965,899	1,801	967,700	3,482		72,365	1,043,547	
Total—									
Anthracite.....		2,517,514	10,676	2,528,190			7,786	2,535,976	
Bituminous.....		585,13,654,562		13,653,977	92		2,831,361	18,485,130	
Sub-bituminous.....					1,461			1,461	
Lignite.....					25,068			25,068	
Total.....		585,18,172,076	10,676	18,182,167	26,621		2,839,147	21,047,935	

* Direct imports into Ontario. See footnote to table 75 for transhipments from Quebec.

† Direct shipments from mines.

CHAPTER SEVEN

MANITOBA

Table 79.—Disposition of Coal from Manitoba Mines, 1943 and 1944
(Short tons)

Disposition	1943		1944	
	Quantity	Value	Quantity	Value
Supplied to employees for domestic consumption.....	29	\$00	.....	\$
Shipped.....	872	2,662	.....	.....
Used under colliery boilers.....	89	212	.....	.....
Put on bank.....	.....	.....	.....	.....
Put on waste heap.....	9	.....	.....	.....
Total disposition.....	999	2,964	.....	.....

Table 80.—Exports of Canadian Coal through Manitoba Ports, 1940-1944
(Short tons)

Port	1940	1941	1942	1943	1944
Brandon.....	3	4	4	.....	.....
Emerson.....	15	53	46	202	451
Gretza.....	23	20	.....	.....	.....
Winnipeg.....	752	1,200	753	721	460
Total.....	793	1,277	803	923	911

Table 81.—*Imports into Manitoba and the Head of Lakes, of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1943 and 1944

(Short tons)

Port	Source	1943				1944						
		Anthracite	Bituminous, all grades	Lignite	Total	Anthracite			Total	Bituminous, all grades	Lignite	Total
						Grate, egg, stove, nut, doubles, cobbles, and trebles	Scree- nings or dust	Peas, beans and smaller sizes n.o.p.				
MANITOBA—												
Brandon.....	U.S.....	124	68	192						114		114
Emerson.....	U.S.....	80		80								
Gretin.....	U.S.....	1	94	19	114							
Winnipeg.....	U.S.....	16,335	89,995		106,330	4,762	44	4,917	9,723	16,141		25,864
Total for Manitoba	U.S.	16,336	90,993	87	106,716	4,762	44	4,917	9,723	16,255		25,978
HEAD OF LAKES—												
Fort Frances.....	U.S.....	298	262,893		263,191	43			43	364,674		361,717
Fort William.....	U.S.....	10,583	2,425,150		2,435,733	4,184		3,472	7,656	2,195,070		2,392,726
Port Arthur.....	U.S.....	294	152,955		153,249	87			87	271,617		271,704
Total Head of Lakes	U.S.	11,175	2,840,908		2,852,173	1,314		3,472	7,786	2,831,361		2,839,117
Total for Manitoba and Head of Lakes	U.S.	27,511	2,931,291	87	2,958,889	9,076	44	8,389	17,509	2,847,616		2,865,125

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

Table 82.—Summary Statistics for Manitoba In 1944.—Interprovincial Shipments, Exports, Imports and Coal Made Available for Consumption (exclusive of Tonnage Cleared at Head of Lakes, some of which entered Manitoba), by Months and by Kinds

(Short tons)

Month	Canadian coal			Imported from U.S.A.	Coal available for consumption
	Output	Received from other provinces	Exported		
JANUARY—					
Anthracite.....					618
Bituminous.....		18,366	119	1,220	19,467
Sub-bituminous.....		7,493			7,493
Lignite.....		116,220			116,220
Total		142,079	119	1,838	143,798
February—					
Anthracite.....				411	411
Bituminous.....		13,970	32	1,049	14,987
Sub-bituminous.....		8,556			8,556
Lignite.....		99,721			99,721
Total		122,247	32	1,460	123,675
March—					
Anthracite.....				599	599
Bituminous.....		36,352	32	617	16,937
Sub-bituminous.....		5,565			5,565
Lignite.....		101,305			101,305
Total		123,222	32	1,216	124,406

Table 82.—Summary Statistics for Manitoba in 1944—Interprovincial Shipments, Exports, Imports and Coal Made Available for Consumption (exclusive of Tonnage Cleared at Head of Lakes, some of which entered Manitoba) by Months and by Kinds—Concluded

(Short tons)

Month	Canadian coal			Imported from U.S.A.	Coal available for consumption
	Output	Received from other provinces	Exported		
April—					
Anthracite.....				454	454
Bituminous.....		13,512	43	1,379	11,848
Sub-bituminous.....		3,055			3,055
Lignite.....		44,804			44,804
Total.....		61,371	43	1,833	63,161
May—					
Anthracite.....				356	356
Bituminous.....		17,690		798	18,488
Sub-bituminous.....		4,559			4,559
Lignite.....		44,005			44,005
Total.....		66,254		1,154	67,408
June—					
Anthracite.....				293	293
Bituminous.....		21,204	39	2,353	23,518
Sub-bituminous.....		3,580			3,580
Lignite.....		46,178			40,178
Total.....		70,962	39	2,646	73,569
July—					
Anthracite.....				326	326
Bituminous.....		21,751	40	1,223	22,934
Sub-bituminous.....		4,982			4,982
Lignite.....		44,914			44,914
Total.....		71,647	40	1,549	73,156
August—					
Anthracite.....				1,121	1,121
Bituminous.....		23,242	6	1,795	25,031
Sub-bituminous.....		5,609			5,609
Lignite.....		60,512			60,512
Total.....		89,363	6	2,910	92,273
September—					
Anthracite.....				2,352	2,352
Bituminous.....		25,494		2,078	27,572
Sub-bituminous.....		5,336			5,336
Lignite.....		90,423			90,423
Total.....		121,253		4,430	125,683
October—					
Anthracite.....				775	775
Bituminous.....		30,960	83	1,912	32,788
Sub-bituminous.....		7,287			7,287
Lignite.....		127,501			127,501
Total.....		165,757	83	2,687	168,361
November—					
Anthracite.....				912	912
Bituminous.....		24,128	117	1,445	25,456
Sub-bituminous.....		5,590			5,590
Lignite.....		146,149	43		146,106
Total.....		175,867	160	2,357	178,064
December—					
Anthracite.....				1,506	1,506
Bituminous.....		19,020	274	386	19,132
Sub-bituminous.....		4,757			4,757
Lignite.....		145,010	83		144,927
Total.....		168,787	357	1,892	170,322
Total—					
Anthracite.....				9,723	9,723
Bituminous.....		245,698	785	16,255	261,168
Sub-bituminous.....		66,369			66,369
Lignite.....		1,066,742	126		1,066,616
Total.....		1,378,809	911	25,978	1,403,876

Table 83.—Employment and Earnings in the Coal Mines of Manitoba, 1943 and 1944

		1943	1944
Average number of employees—			
Surface.....		1	
Underground.....		2	
Total.....		3	
Days' work done—			
Surface.....		157	
Underground.....		640	
Total.....		797	
Average number of days worked per man per year—			
Surface.....		157	
Underground.....		320	
By all employees.....		266	
Total wages paid.....	\$ 1,833		

Table 84.—Employment and Work Done, by Months, in the Coal Mines of Manitoba, in 1943 and 1944

Month	Number of employees			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
1943						
January.....		5	6	24	120	144
February.....		5	6	24	120	144
March.....		5	6	23	118	141
April.....		3	4	23	69	92
May.....		3	4	25	73	98
June.....		3	4	12	36	48
July.....		4	5	26	104	130
Total.....				157	640	797
1944						
January.....						
February.....						
March.....						
April.....						
May.....						
June.....						
July.....						
Total.....						

CHAPTER EIGHT

SASKATCHEWAN

Table 85.—Output of Coal from Saskatchewan Mines, 1887-1944

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$			\$
1887.....(a) 400	800	1907.....	151,232	252,437	1927.....	470,216	868,867	
1888.....	1908.....	150,556	253,790	1928.....	471,713	831,491		
1889.....	1909.....	192,125	296,333	1929.....	580,189	983,226		
1890.....200	200	1910.....	181,156	293,929	1930.....	579,424	968,863	
1891.....	1911.....	206,779	347,248	1931.....	662,836	945,259		
1892.....5,400	9,325	1912.....	223,342	368,135	1932.....	887,139	1,229,446	
1893.....8,325	12,485	1913.....	212,897	358,192	1933.....	927,646	1,285,996	
1894.....(b) 15,051	15,153	1914.....	232,299	374,245	1934.....	909,288	1,241,120	
1895.....15,769	31,538	1915.....	240,107	363,246	1935.....	921,785	1,293,668	
1896.....16,706	25,059	1916.....	281,300	441,836	1936.....	1,020,792	1,463,680	
1897.....25,000	37,500	1917.....	355,445	682,451	1937.....	1,049,345	1,494,337	
1898.....25,000	37,500	1918.....	346,847	722,148	1938.....	1,022,166	1,380,416	
1899.....25,000	37,500	1919.....	379,347	819,390	1939.....	960,000	1,255,862	
1900.....40,500	60,750	1920.....	335,222	797,825	1940.....	1,097,517	1,408,540	
1901.....45,000	72,000	1921.....	335,632	823 (80 *1941)	1941.....	1,322,763	1,713,478	
1902.....70,400	112,840	1922.....	382,437	802,053	1942.....	1,301,116	1,760,065	
1903.....116,703	169,618	1923.....	438,100	858,448	1943.....	1,665,972	2,432,249	
1904.....124,885	187,021	1924.....	479,118	880,658	1944.....	1,372,766	2,034,914	
1905.....107,596	152,384	1925.....	471,965	870,875	Total.....	24,010,721	37,141,296	
1906.....108,398	164,146	1926.....	439,803	819,805				

(a) From Turtle Mountain district, Manitoba.

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

*For the years 1919-1944 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 86.—Output of Coal from Saskatchewan Mines, by Months, 1940-1944

(Short tons)

Month	1940	1941	1942	1943	1944
January.....	153,052	151,574	159,521	156,582	152,755
February.....	130,085	138,420	148,451	112,903	111,351
March.....	91,877	116,586	99,566	113,202	116,660
April.....	65,916	67,202	88,845	82,135	69,678
May.....	28,398	49,053	55,766	80,407	63,578
June.....	26,007	48,727	54,928	77,280	41,798
July.....	30,214	34,130	50,190	91,949	48,067
August.....	35,185	41,307	55,897	118,599	66,441
September.....	67,989	106,860	80,735	153,616	113,070
October.....	137,648	168,805	123,240	189,449	171,741
November.....	190,583	194,506	169,531	235,733	182,996
December.....	163,904	195,593	185,446	184,116	184,601
Total.....	1,037,517	1,322,763	1,301,116	1,655,972	1,372,766

Table 87.—Output of Coal by Principal Collieries in Saskatchewan for 1942-1944
(Average of 500 tons or more per month)

(Short tons)

Name	Address	1942	1943	1944
Banks, H.	Pinto	12,696	7,050	3,304
Banjuls Bros.	Bienfait	11,449	9,094	
Eastern Collieries of Bienfait	Estevan	85,409	91,296	91,887
Estevan Coal Co. (formerly Estevan Strip Mine)	Estevan	1,983	3,880	
Havannah Collieries Ltd.	Estevan			15,261
High Test Lignite Coal Co. Ltd.	Bienfait	15,272	24,159	2,892
Jenish Bros.	Estevan	21,455	29,237	19,632
Manitoba and Saskatchewan Coal Co., Ltd.	503 Avenue Block, Winnipeg, Man.	272,372	374,174	401,833
Matheson & Ulrich	Pinto	5,506	5,785	5,928
North West Coal Co. (A. Konopak)	Bienfait	15,634	21,508	9,875
Roche Perceo Coal Mining Co. Ltd.	Roche Perceo	103,794	141,789	50,843
Rock Springs Coal Co. (Geo M. Rohatyn)	Pinto	8,365	6,574	1,138
South Cambridge Ltd.	Pinto	25,060	38,916	23,682
Western Dominion Coal Mines Ltd.	Taylorton	656,214	850,295	706,536
All other operators		65,907	62,245	43,339
Total		1,301,116	1,665,972	1,372,766

Table 88.—Tonnage Lost in Saskatchewan Coal Mines, Showing the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1943 and 1944

Year	Per cent produced	Per cent lost	Percentage lost through:					
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes	
1943	92	8	0.6	3.3		2.0		2.1
1944	82	18	0.2	16.4		0.4		1.0

Table 89.—Disposition of Coal from Saskatchewan Mines, by Grades, 1943 and 1944
(Short tons)

Disposition	1943		1944					
	Total		Run-of-mine	Cobble and lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
Supplied to employees for domestic consumption	1,968	2,429	734	1,482	11	8,399	10,626	6,721
Shipped as per Table 93	1,624,030	2,399,727	43,592	224,968	535,681	509,126	1,313,367	2,001,847
Used under colliery boilers, etc.	20,852	17,585	27	655	4,810	16,410	21,902	19,257
Used in making briquettes						43	43	19
Used by companies' railroads	7,712	9,619		3,330	2,950		6,289	7,354
Put on bank	18,602	18,602		3,583	8,393	12,149	24,125	24,125
Put on waste heap	8,450						25,374	
Total disposition	1,681,614	2,447,882	44,353	231,018	551,834	546,127	1,402,326	2,062,926
Lifted from bank	15,642	15,633	60	4,371	9,138	15,991	29,560	24,012
Lifted from waste heap								
Total output	1,665,972	2,432,249	44,293	229,647	542,716	530,136	1,372,766	2,034,911

Table 90.—Shipments of Coal from Saskatchewan Mines, by Grades and Destination, 1943 and 1944
(Short tons)

Destination	1943					1944				
	Run-of-mine	Cobble and lump	Nut and other grades	Slack	Total	Run-of-mine	Cobble and lump	Nut and other grades	Slack	Total
Saskatchewan.....	74,075	171,749	240,983	249,106	735,913	43,438	115,900	237,540	168,279	565,157
Alberta.....		80	132	128	340				217	217
British Columbia.....										
Manitoba.....	16,711	164,586	333,037	356,267	870,631		106,156	280,648	340,591	727,395
Ontario.....			14,513	88	14,601		63	16,305	256	16,624
United States.....	224	1,905	369	47	2,515	154	2,849	971		3,974
Railroads—										
In Canada.....										
In United States.....										
Total.....	91,810	338,320	389,034	605,666	1,621,630	13,592	221,968	535,681	509,126	1,313,367

Table 91.—Exports of Canadian Coal through Saskatchewan Ports, 1940-1944
(Short tons)

Port	1940	1941	1942	1943	1944
Moose Jaw.....	886	491	870	1,320	1,385
North Portal.....	1,089	1,516	1,735	3,283	6,925
Regina.....	18	191	15	96	48
Total.....	1,993	2,198	2,620	4,699	8,358

Table 92.—*Imports into Saskatchewan of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1943 and 1944

(Short tons)

Port	Source	1943					1944				
		Anthra-cite	Bitum-inous, all grades	Lignite	Total	Anthracite				Bitum-inous, all grades	Lignite
						Grate, egg, stove, nut, d'bles cobble and trebles	Screen-ings or dust	Peas, beans and smaller sizes, n.o.p.	Total		
Moose Jaw.....	U.S.....		80		80					43	43
North Portal.....	U.S.....	77	4		81					45	45
Prince Albert.....	U.S.....	44		44						84	84
Regina.....	U.S.....	180	12		192					43	43
Saskatoon.....	U.S.....	351			351					341	341
Total.....	U.S.....	732	16	748						556	556

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

Table 93.—Summary Statistics for Saskatchewan in 1944—Output, Exports, Inter-provincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds

(Short tons)

Month	Canadian coal				Imported from U.S.A.	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
January—						
Bituminous.....		4,618				4,618
Sub-bituminous.....		3,770				3,770
Lignite.....	142,785	123,390	81,689	1,503		182,983
Total.....	142,785	131,778	81,689	1,503		191,371
February—						
Bituminous.....		3,593			42	3,635
Sub-bituminous.....		2,727				2,727
Lignite.....	131,351	79,790	76,417	594		134,130
Total.....	131,351	86,110	76,417	594	42	140,492
March—						
Bituminous.....		4,104			84	4,188
Sub-bituminous.....		1,593				1,593
Lignite.....	146,660	65,889	81,266	537		130,746
Total.....	146,660	71,586	81,266	537	84	136,527
April—						
Bituminous.....		2,227				2,227
Sub-bituminous.....		1,882				1,882
Lignite.....	69,678	53,843	34,548	566		88,407
Total.....	69,678	57,952	34,548	566		92,510
May—						
Bituminous.....		1,995				1,995
Sub-bituminous.....		2,169				2,169
Lignite.....	63,578	73,511	26,546	239		110,304
Total.....	63,578	77,675	26,546	239		114,468
June—						
Bituminous.....		3,538			126	3,664
Sub-bituminous.....		4,097				4,097
Lignite.....	41,798	93,121	19,590	228		115,101
Total.....	41,798	100,756	19,590	228	126	122,862
July—						
Bituminous.....		3,497		11	131	3,517
Sub-bituminous.....		3,283				3,283
Lignite.....	48,067	76,741	24,281	8		100,519
Total.....	48,067	83,521	24,281	19	131	107,419
August—						
Bituminous.....		3,106		39	44	3,111
Sub-bituminous.....		3,827				3,827
Lignite.....	66,441	112,863	31,880	329		147,095
Total.....	66,441	119,796	31,880	368	44	154,033
September—						
Bituminous.....		3,187			42	3,229
Sub-bituminous.....		3,421				3,421
Lignite.....	113,070	103,518	60,101	271		156,216
Total.....	113,070	110,126	60,101	271	42	162,866
October—						
Bituminous.....		4,372		29	44	4,387
Sub-bituminous.....		3,498				3,498
Lignite.....	171,741	119,608	93,865	729		196,755
Total.....	171,741	127,478	93,865	758	44	204,640

Table 93.—Summary Statistics for Saskatchewan in 1944—Output, Exports, Inter-provincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds—Concluded

(Short tons)

Month	Canadian coal				Imported from U.S.A.	Coal available for consumption	
	Output	Received from other provinces	Shipped to other provinces	Exported			
November—							
Bituminous.....		3,977			8	3,969	
Sub-bituminous.....		4,219				4,219	
Lignite.....	192,906	130,223	104,143	1,044		218,032	
Total.....	192,906	138,419	104,143	1,052		226,220	
December—							
Bituminous.....		3,240			25	3,258	
Sub-bituminous.....		3,818				3,818	
Lignite.....	184,601	125,324	109,910	2,198		197,817	
Total.....	184,601	132,382	109,910	2,223	43	204,893	
Total—							
Bituminous.....		41,454			112	556	41,898
Sub-bituminous.....		38,304					38,304
Lignite.....	1,372,766	1,157,821	744,236	8,246			1,778,105
Total.....	1,372,766	1,237,579	744,236	8,358	556		1,858,307

Table 94.—Employees, Salaries and Wages in the Coal Mines of Saskatchewan, 1944

	1944
Number of salaried employees—	
Male	46
Female	8
Number of daily wage-earners—	
Surface.....	263
Underground.....	338
Total.....	605
Salaries and wages—	
Salaries.....	\$ 101,824
Wages.....	\$ 897,011
Total.....	\$ 998,835

Table 95.—Employment at Coal Mines in Saskatchewan, 1940-1944

	1940	1941	1942	1943	1944
Average number of employees—					
Surface.....	247	254	252	331	309
Underground.....	402	359	340	302	346
Total.....	649	613	592	723	655
Days' work done—					
Surface.....	66,303	71,121	72,276	92,719	75,329
Underground.....	86,006	87,360	93,155	107,749	83,164
Total.....	152,399	158,481	165,431	200,468	158,493
Average number of days worked per man per year—					
Surface.....	268	280	287	280	247
Underground.....	214	243	268	275	240
By all employees.....	235	259	270	277	243

Table 96.—Employment and Work Done, by Months, at Coal Mines in Saskatchewan in 1944

Month	Number of employees			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	365	538	903	8,158	10,022	18,180
February.....	354	476	830	6,664	9,222	15,886
March.....	308	390	698	6,944	8,434	15,378
April.....	275	293	568	4,410	4,800	9,270
May.....	245	239	484	4,800	4,729	9,529
June.....	239	230	469	4,374	3,732	8,106
July.....	246	238	484	4,466	3,470	7,936
August.....	253	255	508	5,235	4,992	10,227
September.....	266	273	539	5,902	5,710	11,612
October.....	337	338	675	7,113	7,942	15,055
November.....	375	450	825	8,942	10,721	19,663
December.....	377	441	818	8,321	9,330	17,651
Total.....				75,329	83,161	158,493

Table 97.—Employment at Coal Mines in Saskatchewan, by Classes, 1943 and 1944

Classification	1943			1944		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	6		6	8		8
Foreman and officials.....	10	16	26	15	16	31
Clerks.....	25		25	28		28
Screenmen and loaders.....	66		66	50	2	61
Stripping shovel operators.....	23		23	24		24
Hand cutters and helpers.....	117		117		83	83
Machine cutters and helpers.....	38		38		28	28
Machine loaders and helpers.....	68		68		78	78
Horse haulage employees.....	3	22	25	2	19	21
Mechanical haulage employees.....	20	21	41	20	16	36
Ventilation employees.....		1	1		1	1
Rondnakers.....	6	42	48	7	40	47
Timbermen.....		13	13		14	14
Pumpmen.....	3	6	9	3	5	8
Loading shovel.....	14		14	14		14
Cleaning shovel.....	3		3	3		3
Chute loaders.....	7		7	3		3
Enginemen.....	12		12	10		10
Firemen.....	11		11	11	1	12
Machinists.....	9	2	11	7	3	10
Carpenters and masons.....	11		11	10		10
Other mechanics.....	7		7	8		8
All other employees.....	95	46	141	77	40	117
Total.....	331	392	723	309	346	655

CHAPTER NINE

ALBERTA

Table 98.—Output of Coal from Alberta Mines, 1886-1944

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$			\$
1886.....	43,220	81,112	1906.....	1,246,360	2,614,782	*1926.....	6,503,705	20,886,103
1887.....	74,152	157,577	1907.....	1,591,579	3,836,288	*1927.....	6,934,162	21,982,058
1888.....	115,124	183,354	1908.....	1,685,661	4,127,311	*1928.....	7,336,330	23,532,414
1889.....	97,364	179,640	1909.....	1,994,741	4,838,109	*1929.....	7,150,693	22,928,182
1890.....	128,753	198,298	1910.....	2,894,460	7,065,738	*1930.....	5,755,528	18,063,225
1891.....	174,131	437,243	1911.....	1,511,036	3,979,264	*1931.....	4,564,015	13,342,675
1892.....	178,970	460,605	1912.....	3,240,577	8,113,525	*1932.....	4,870,648	13,526,309
1893.....	230,070	586,260	1913.....	4,014,755	10,418,941	*1933.....	4,718,788	12,307,258
1894.....	184,940	473,827	1914.....	3,683,015	9,350,392	*1934.....	4,753,810	12,556,099
1895.....	169,885	382,526	1915.....	3,360,818	8,283,079	*1935.....	5,462,894	14,094,795
1896.....	209,162	581,832	1916.....	4,559,054	11,386,577	*1936.....	5,896,960	14,659,705
1897.....	242,163	630,408	1917.....	4,736,368	14,153,685	*1937.....	5,562,839	14,563,911
1898.....	315,088	787,720	1918.....	5,972,816	20,537,287	*1938.....	5,251,233	13,698,470
1899.....	309,600	774,000	*1919.....	4,933,660	18,205,205	*1939.....	5,519,208	14,415,281
1900.....	311,450	778,825	*1920.....	6,907,765	30,186,933	*1940.....	6,203,839	16,377,959
1901.....	340,275	850,687	*1921.....	5,909,217	27,246,514	*1941.....	6,969,962	19,382,471
1902.....	402,819	960,601	*1922.....	5,990,911	24,351,913	*1942.....	7,754,053	22,624,410
1903.....	495,893	1,117,541	*1923.....	6,854,397	28,018,303	*1943.....	7,876,726	24,030,686
1904.....	661,732	1,404,524	*1924.....	5,189,729	18,884,318	*1944.....	7,428,708	26,814,937
1905.....	931,917	1,993,915	*1925.....	5,869,031	20,021,484			
						Total.....	203,876,768	628,426,867

*For the years 1919-1944 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 99.—Output of Coal from Alberta Mines, by Months, 1940-1944
(Short tons)

Month	1940	1941	1942	1943	1944
January.....	682,975	716,917	829,036	671,441	723,415
February.....	559,719	554,741	649,764	701,203	587,284
March.....	457,587	492,912	587,494	752,083	577,794
April.....	370,722	368,722	527,627	566,261	496,681
May.....	342,029	414,196	435,685	569,279	554,833
June.....	318,714	414,117	576,111	614,796	512,757
July.....	375,968	423,825	627,438	609,424	514,931
August.....	457,055	608,716	661,087	687,674	630,773
September.....	469,163	757,720	648,424	646,653	641,885
October.....	683,474	799,723	700,018	664,594	687,014
November.....	789,126	715,012	721,428	508,921	763,305
December.....	697,307	703,361	789,941	714,397	738,036
Total.....	6,203,839	6,969,962	7,754,053	7,676,726	7,428,708

Table 100.—Output of Coal by Districts, in Alberta, 1942-1944
(Short tons)

District	1942	1943	1944
BITUMINOUS—			
Cascade*	337,659	343,476	363,314
Crowsnest	2,170,222	1,062,457	1,943,277
Highwood	271		
Mountain Park	932,403	843,411	892,954
Nordegg	367,064	320,549	351,869
Total bituminous	3,807,619	3,469,893	3,551,414
SUB-BITUMINOUS—			
Coalspur	658,061	713,082	651,340
Morley	10,786	11,802	5,884
Pekisko	606	451	680
Pincher		2,128	7,637
Prairie Creek	64,094	64,789	63,926
Saunders			
Total sub-bituminous	733,547	792,252	729,427
LIGNITE—			
Ardley	5,938	10,238	7,109
Big Valley	4,708	12,836	5,471
Brooks	14,097	29,129	88,365
Canmore	47,440	63,834	65,303
Carbon	63,752	68,475	46,896
Castor	42,478	59,674	40,896
Champion	12,369	11,776	7,177
Drumheller	1,785,021	1,838,658	1,678,322
Edmonton	514,489	456,870	389,333
Gleichen	21,979	21,369	16,430
Halcourt	2,403	1,872	618
Lethbridge	470,065	579,287	481,844
MacARTH.			
Mill River	1,368	2,634	1,824
Pakkan	469	419	216
Pakowski	58,980	53,611	72,251
Pembina	24,969	28,165	10,603
Redcliff	3,289	7,288	4,257
Rochester			
Sexsmith	50,493	58,939	49,780
Sheerness			
Steveville	13,191	20,596	74,936
Taber	73,318	85,268	101,895
Tofield			
Westlock	1,783	3,272	1,085
Wetaskiwin	288	179	287
Whitecourt		191	3,169
Area not designated			
Total lignite	3,212,887	3,414,581	3,147,867
Total Alberta	7,754,053	7,676,726	7,428,708

*Includes a small quantity of anthracite coal.

Table 101.—Output of Coal by Principal Collieries in Alberta, 1942-1944
 (Average of 500 tons or more per month)

(Short tons)

Name and address	1942	1943	1944
BITUMINOUS			
CASCADE DISTRICT—			
Canmore Minee, Ltd., Canmore.....	335,971	341,293	361,318 ✓
All other operators*.....	1,688	2,183	1,996
Total.....	337,659	343,476	363,314
CROWSNEST DISTRICT—			
Hillcrest Mohawk Collieries Ltd., Bellevue.....	296,342	272,085	293,299 ✓
International Coal and Coke Co., Ltd., Coleman.....	452,115	428,730	425,702
McGillivray Creek Coal and Coke Co., Ltd., Coleman.....	339,622	268,708	249,813
West Canadian Collieries, Ltd., Blairmore.....	1,078,195	989,517	972,865
All other operators.....	3,948	3,411	1,508
Total.....	2,170,222	1,962,457	1,943,277
HIGHWOOD DISTRICT—		271	
MOUNTAIN PARK DISTRICT—			
Cadomin Coal Co., Ltd., Cadomin (mine office); Edmonton (business office).....	283,340	264,706	327,017 ✓
K. D. Collieries Ltd., Saskatoon, Sask.....	49,552	29,013	42,831
Labour Collieries, Ltd., Edmonton.....	300,982	302,882	274,295 ✓
Mountain Park Collieries, Ltd., 410 Tegler Bldg., Edmonton.....	298,529	246,810	248,811
Total.....	932,403	843,411	802,954
NORDEGG DISTRICT—			
Brazeau Collieries Ltd., Nordegg.....	367,064	320,549	351,869 ✓
Total.....	367,064	320,549	351,869
Total bituminous.....	3,807,619	3,469,893	3,551,414
Sub-Bituminous			
COALFUR DISTRICT—			
Coal Valley Mining Co., Ltd., Edmonton.....	161,112	181,135	137,240 —
Foothills Collieries, Ltd., Foothills.....	95,793	90,456	117,204
Lakeside Coal Ltd., Edmonton.....	100,224	70,135	34,420
McLeod River Hard Coal Co., (1941) Ltd., Nanaimo, B.C.....	128,425	183,070	217,472 ✓
Sterling Collieries Ltd., Edmonton.....	171,636	170,755	143,180
Thirty-Two Collieries Ltd., Edmonton.....	871	11,531	1,824
All other operators.....			
Total.....	658,061	713,082	651,340
MORLEY DISTRICT—			
PEKISKO DISTRICT—			
Swan H. Priddis.....	7,643	7,430	2,312
All other operators.....	3,143	4,372	3,552
Total.....	10,786	11,802	5,864
PINCHER DISTRICT—		606	451
PRATIE CREEK DISTRICT—			
Jasper Coals, Ltd., Edmonton.....		2,128	7,637
Total.....		2,128	7,637
SAUNDERS DISTRICT—			
Alexo Coal Co., Ltd., Alexo.....	24,529	24,700	24,519
Bighorn and Saunders Creek Collieries, Ltd., Saunders.....	39,565	40,089	39,407
All other operators.....			
Total.....	64,094	64,789	63,926
Total sub-bituminous.....	733,547	792,252	729,427
Lignite			
ARDLEY DISTRICT—		5,938	10,239
BIG VALLEY DISTRICT—			7,109
Big Valley Coal Co., (J. McAllister) Big Valley.....	3,163	11,234	4,187
All other operators.....	1,545	1,602	1,284
Total.....	4,708	12,836	5,471
BROOKS DISTRICT—			
Birwel Coal Ltd. (formerly Kleenburn Collieries Ltd.), Calgary.....	7,011	20,553	46,060
Kleenburn Collieries Ltd., Eyremore.....	7,086	8,576	2,305
Total.....	14,097	29,129	48,365

Anthracite coal produced by Frank Wheatley and Sons

Table 101.—Output of Coal by Principal Collieries in Alberta, 1942-1944
 (Average of 500 tons or more per month)—Continued

(Short tons)

Name and address	1942	1943	1944
Lignite—continued			
CAMROSE DISTRICT—			
Camrose Collieries Ltd., Camrose.....	3,010	7,100	27,989
Canadian Dinant Coal Co., Ltd., Dinant.....	26,984	38,963	31,348
Red Flame Coal Co., Ltd., Round Hill.....	15,436	14,492	3,718
Stoney Creek Collieries, Ltd., Camrose.....	2,010	3,279	2,248
All other operators.....			
Total.....	47,440	63,834	65,303
CARBON DISTRICT—			
East Carbon Coal Co. (Fox Bros.), Carbon.....	8,471	10,097	5,358
Inland Coal Co., Ltd., (previously Canadian Dinant Coal Co.), Three Hills.....	25,596	31,893	15,384
Pastorchik—Partners (formerly J. D. Morel), Three Hills.....	3,063	5,081	3,280
Peerless Coal Co. (formerly Peerless Carbon Collieries Ltd.), Carbon.....	16,745	6,778	9,627
All other operators.....	9,877	14,826	13,247
Total.....	63,752	68,475	46,896
CASTOR DISTRICT—			
Bish Bros., Forestburg.....	5,434	9,134	5,835
Castor Creek Collieries Ltd., Castor.....		763	4,585
Muney, H. C., Foreman.....	6,291	7,760	3,891
All other operators.....	30,753	42,017	26,585
Total.....	42,478	59,674	40,896
CHAMPION DISTRICT—			
DRUMHELLER DISTRICT—			
Acta Coal Co., Ltd., East Coulee.....	20,553	29,000	22,704
Arcadia Coal Mines Ltd., Willow Creek.....		1,161	8,052
Brilliant Coal Co., Drumheller.....	89,147	120,628	93,036
Burn Brite Coal Co., Drumheller.....		2,788	217
Comet Coal Co., Ltd., East Coulee.....	7,155		
Empire Collieries Ltd., East Coulee.....	83,748	42,383	55,090
Hv. Grade Coal Mining Co., Ltd., Drumheller.....	112,519	121,680	92,952
Ideal Coal Co., Ltd., Wayne.....	12,947	18,194	15,858
Maple Leaf Minerals Ltd., Drumheller.....	69,580	54,343	55,905
Midland Coal Mining Co., Ltd., Drumheller.....	249,224	237,888	224,208
Minute Coal Co., Drumheller.....	10,123	19,840	8,078
Monarch Coal Mining Co., Ltd. (Western Monarch), Calgary.....	119,948	117,524	107,689
Monarch Coal Mining Co., Ltd. (Western Crown Mine), Calgary.....	10,271	13,739	20,703
Murray Collieries Ltd., East Coulee.....	164,931	171,955	142,652
Newcastle Collieries Ltd., Drumheller.....	108,964	149,455	110,135
Red Deer Valley Coal Co., Ltd., Drumheller.....	209,855	226,484	188,098
Regal Coal Co., Ltd. (Atlas Mine), East Coulee.....	212,172	189,185	152,144
Regal Coal Co., Ltd. (Commander Mine), Drumheller.....		17,987	69,446
Rosedale Collieries Ltd. (Rosedale Mine), Rosedale.....	106,927	96,164	109,605
Rosedale Collieries, Ltd. (Star Mine), Aerial.....	110,184	132,860	122,743
Sovereign Coal Co., Ltd., Wayne.....		2,759	5,625
Western Gem & Jewel Collieries Ltd., Cambria.....	67,351	78,053	69,971
All other operators.....	1,435	1,512	3,321
Total.....	1,785,021	1,838,658	1,678,322
EDMONTON DISTRICT—			
Banner Coals Ltd., Edmonton.....	49,559	61,572	55,108
Beverly Coal Co., Ltd., Edmonton.....	57,705	43,256	41,147
Bush Mines, Ltd., Edmonton.....	52,420	53,602	12,639
Capital Coal Co., Edmonton.....			2,789
Dawson Coal Co., Ltd., Edmonton.....	38,142	38,851	9,625
Dickinson Knight & Dickinson, Carbondale.....	7,339	4,465	2,688
Edmonton Collieries Ltd., Edmonton.....	21,962	25,206	26,597
Egg Lake Coal Co. (Thos. Logan), Morinville.....	1,166	1,540	7,422
Gwilliam, D. J., Namao.....	6,771	7,631	4,910
Kent Coal Co., Ltd., Edmonton.....	70,063	57,120	44,827
Ottoway Coal Co., Clover Bar.....	43,404	24,626	16,133
Pine Creek Coal Co. (Opalinski & Fridell), S. Edmonton.....	8,078	6,974	8,553
Red Hot Coal Co., Ltd., Edmonton.....	18,213	17,407	21,051
Riverdale Coal Co., Ltd., Edmonton.....	12,127	11,246	13,276
Samis Collieries, Namao.....	9,088	11,737	10,518
Sinoski, M., South Edmonton.....	10,276	7,902	6,277
Smith, Howard W., S. Edmonton.....		3,337	7,686
The Great West Coal Co., Ltd. (Black Diamond Mine), Edmonton.....	82,887	61,612	83,169
Twin City Coal Ltd. (Riddock & Horukak), S. Edmonton.....	4,776	4,121	1,922
All other operators.....	16,576	11,901	12,938
Total.....	514,489	450,870	389,333

Table 101.—Output of Coal by Principal Collieries in Alberta, 1942-1944
 (Average of 500 tons or more per month)—Continued
 (Short tons)

Name and Address	1942	1943	1944
Lignite—Continued			
GLEICHEN DISTRICT—			
Blackfoot Indian Agency, Gleichen.....	9,073	7,196	5,583
Standard Coal Mine, Standard.....	5,421	6,551	3,993
All other operators.....	7,485	7,622	6,854
Total.....	21,979	21,369	16,430
HALCOURT DISTRICT.....	2,403	1,872	618
LETHBRIDGE DISTRICT—			
Chester Mine, Lethbridge.....	15,800	23,206	20,667
Hamilton, J. J., Coal Co., Lethbridge.....	11,160	26,161	17,463
Lethbridge Collieries, Ltd. (Mine 1263), Lethbridge.....	156,575	224,222	186,044
Lethbridge Collieries Ltd. (Mine 1464), Lethbridge.....	256,094	286,722	245,381
New Royal View Mine (previously Strickland & Tenant), N. Lethbridge.....	3,674	9,349	8,517
Royal View Mine, Lethbridge.....	14,810		
All other operators.....	11,952	9,627	3,772
Total.....	470,065	579,287	481,844
MAGRATH DISTRICT.....			
MILK RIVER DISTRICT.....	1,368	2,634	1,624
PAKOKI DISTRICT.....			
PEMBINA DISTRICT—			
Lakeside Coals Ltd., Edmonton.....	57,721	50,801	65,035
All other operators.....	1,259	2,810	6,316
Total.....	58,980	53,611	72,251
REDCLIFF DISTRICT—			
Ajex Coal Co. Ltd. (L. N. Laidlaw), Medicine Hat.....	13,628	15,460	7,930
Gunderson Brick & Coal Co. Ltd., Redcliff.....	11,341	12,705	2,673
Total.....	24,969	28,165	10,603
ROCHESTER DISTRICT.....	3,289	7,288	4,257
SEXSMITH DISTRICT.....			
SHEERNESS DISTRICT—			
Chinook Coal Co. Ltd., Sheerness.....	15,678	6,353	13,545
Sheerness Coal Co. Ltd., Sheerness.....	31,788	48,295	33,373
All other operators.....	3,027	4,291	2,862
Total.....	50,493	58,939	49,780
SLAVE LAKE DISTRICT.....			
STEVENVILLE DISTRICT.....			
TABER DISTRICT—			
Continental Coal Corp., Ltd., Grassy Lake.....	1,395	766	20,984
Majestic Mines Ltd., Taber.....		5,700	10,223
Oliver Coal Mine, Taber.....	6,812	11,352	5,208
Western Ventures Ltd., Lethbridge.....			26,508
All other operators.....	4,084	2,778	3,013
Total.....	13,191	20,596	74,936
TOFIELD DISTRICT—			
Black Nugget Coal Co. Ltd., Dold's.....	1,121	1,929	11,418
Dodd's Coal Mine, Dodd's.....	1,801	10,073	33,367
Tofield Coal Co. Ltd., Tofield.....	68,241	69,661	54,160
All other operators.....	2,155	3,605	2,941
Total.....	73,318	85,268	101,895

Table 101.—Output of Coal by Principal Collieries in Alberta, 1942-1944
 (Average of 500 tons or more per month)—Concluded

(Short tons)

Name and address	1942	1943	1944
Lignite—Concluded			
WESTLOCK.....			
WETASKIWIN DISTRICT.....	1,783	3,272	1,085
WHITECOURT DISTRICT.....	288	179	287
Area not designated.....		191	3,169
Total lignite.....	3,212,887	3,414,581	3,147,867
Total Alberta.....	7,754,053	7,676,726	7,428,708

Table 102.—Tonnage Lost in Alberta Coal Mines, Showing by Districts the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1943 and 1944

District	Per cent produced		Per cent lost		Percentage lost through:									
	1943	1944	1943	1944	Absenteeism		Lack of orders		Car shortage		Mine disability		Other causes	
					1943	1944	1943	1944	1943	1944	1943	1944	1943	1944
BITUMINOUS—														
Cascade.....	86	82	14	18	13.3	11.5	0.1	5.3	1.2	0.1	0.2	0.6	1.0	0.9
Crownest.....	87	82	13	18	9.0	5.5	0.2	2.7	11.4	0.1	0.2	0.3	0.2	0.4
Highwood.....														
Mountain Park.....	92	89	8	11	5.1	3.5		2.3	2.2	1.7	1.5	1.2	1.5	
Nordegg.....	85	81	15	19	12.0	14.9		1.7	1.0	1.5	0.4	2.0	0.5	
Total bituminous.....	88	84	12	16	8.8	6.5	0.1	1.2	1.6	7.1	0.5	0.4	1.0	0.8
Sub-bituminous—														
Coalspur.....	93	87	7	13	4.7	4.4		3.5	0.1	0.3	1.3	1.4	0.9	3.4
Morley.....														
Pekisko.....	77	61	23	39	4.5	8.0					0.3	10.2	39.0	
Pincher.....	49	50	51	50	27.6	14.6	39.0				3.8	5.0	11.0	
Prairie Creek.....	88	59	12	41	2.0	9.5		6.2			7.7	6.3	2.3	19.0
Saunders.....	93	87	7	13	4.0	6.1	0.7	5.5			0.7	0.4	1.6	1.0
Total sub-bituminous.....	93	87	7	13	4.6	4.5	0.2	3.5		0.2	1.2	1.2	1.0	3.6
Lignite—														
Ardley.....	61	54	39	46	0.7	17.3	6.2					21.0	39.8	
Big Valley.....	85	47	15	53	5.6	5.1	41.7				2.5	1.8	11.3	
Brooks.....	86	68	14	32		1.0	10.3		2.3			13.0	19.4	
Camrose.....	96	91	4	9		1.6	7.4				1.0	1.4	1.6	
Carbon.....	80	64	20	36	3.6	4.6	7.4	20.3		0.1	4.3	0.2	4.7	10.8
Castor.....	76	66	24	34	3.5	1.0	12.3	13.4			0.2	0.1	8.6	19.5
Champion.....	82	68	18	32	0.4	15.2	25.7					2.4	6.3	
Druneheller.....	89	81	11	19	8.5	6.1	0.5	9.7			0.6	0.8	1.4	2.4
Edmonton.....	86	80	14	20	7.0	5.6	1.5	6.6			2.5	0.8	3.0	7.0
Gleichen.....	88	78	12	22	0.4	0.4	7.3	5.3			0.3	4.3	16.0	
Halcourt.....	80	39	20	61	2.6		5.8	40.6			4.1	1.3	7.5	19.1
Lethbridge.....	89	81	11	19	7.5	4.9	0.8	11.3	0.3		1.2	0.1	1.2	2.7
Magrath.....														
Milk River.....	75	53	25	47		18.5	18.4					6.5	28.6	
Pakon.....														
Pakowski.....	41	36	59	64		33.7						25.3	64.0	
Pembina.....	90	80	10	20	7.5	3.1	0.2	12.6		0.3	0.3	2.0	3.7	
Redcliff.....	74	76	26	24	0.6	0.8	15.0	11.5			0.5	3.1	0.9	8.6
Rochester.....	75	60	25	40	10.2		8.2	29.7			6.1		0.5	10.3
Sexsmith.....														
Sheerness.....	88	80	12	20	0.2	0.6	6.5	4.6	0.2		0.7		4.4	14.8
Steveville.....														
Taber.....	74	69	26	31	0.2	0.4	6.2	21.8		2.8	14.6	2.6	5.0	3.4
Tofield.....	94	83	6	17	4.0			4.5		5.6			2.0	6.9
Westlock.....														
Wetaskiwin.....	89	71	11	29			5.2					5.8	29.0	
Whitecourt.....	61	28	39	72		29.5	35.3					9.5	36.7	
Area not designated.....								6.1					13.9	
Total lignite.....	88	79	12	21	7.0	4.9	1.7	10.2		0.4	1.1	0.7	2.2	4.8
Total Alberta.....	88	82	12	18	7.7	5.6	0.9	5.4	0.8	3.5	0.9	0.7	1.7	2.8

Table 103.—Total Disposition of Coal from Alberta Mines, by Grades, 1943 and 1944
(Short tons)

	1943		1944				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
	\$	\$					\$	\$
Supplied to employees for domestic consumption	51,990	146,148	22,482	19,340	4,618	88	46,534	149,791
Coal shipped as per Table 107	7,018,211	22,696,924	2,962,610	1,831,368	1,033,910	869,057	6,696,954	25,035,427
Used under colliery boilers	173,294	341,104	83,772	1,051	15,905	72,053	172,781	339,020
Used by companies' railroads	6,444	14,284	5,061	198			5,359	12,114
Used in making coke at colliery	101,132	270,023					101,633	101,633
Used in making briquettes	208,807	569,349					239,608	239,608
Put on bank	16,013	49,173	13,163	1,723	14,725	10,403	40,014	105,727
Put on waste heap	134,411						153,541	
Total disposition	7,710,302	24,086,405	3,087,097	1,853,586	1,069,158	1,292,842	7,156,324	26,887,751
Lifted from bank	29,965	55,719	12,598	1,641	3,100	6,200	23,342	72,814
Lifted from waste heap	3,611						4,074	
Total output	7,676,726	24,030,686	3,074,493	1,852,842	1,066,058	1,286,642	7,128,708	26,814,937

Table 104.—Disposition of Bituminous Coal from Alberta Mines, 1943 and 1944

(Short tons)

	1943		1944				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
	\$	\$					\$	\$
Supplied to employees for domestic consumption	27,099	76,217	20,283	2,389	312		22,981	70,550
Coal shipped as per Table 108	2,956,324	9,784,771	2,445,757	63,239	117,499	368,018	2,944,513	11,783,190
Used under colliery boilers	95,106	233,468	71,548			26,495	98,043	281,969
Used by companies' railroads	722	2,762	588				588	2,156
Used in making coke at colliery	101,132	270,023				101,633	101,633	231,458
Used in making briquettes	208,807	569,349				239,608	239,608	851,214
Put on bank	12,878	43,707	12,205			425	12,630	19,781
Put on waste heap	78,578						94,183	
Total disposition	3,481,546	10,980,295	2,550,381	65,628	117,811	736,179	3,564,182	13,323,618
Lifted from bank	11,653	38,065	12,143			625	12,768	50,344
Total output	3,469,893	10,942,263	2,538,238	65,628	117,811	735,554	3,551,414	13,323,274

Table 105.—Disposition of Sub-Bituminous Coal from Alberta Mines, by Grades, 1943 and 1944

(Short tons)

	1943		1944				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
	\$	\$					\$	\$
Supplied to employees for domestic consumption	2,893	8,945	1,085	1,262	446		2,793	10,346
Coal shipped as per Table 109	762,427	2,365,648	217,550	225,916	162,580	38,019	611,065	2,138,673
Used under colliery boilers	51,250	75,674	10,884	390	4,878	33,726	49,858	78,914
Used by companies' railroads	5,250	10,500	4,473				4,473	8,951
Put on bank	1,516	2,496	597	321	243	595	1,736	4,615
Put on waste heap	32,654						29,205	
Total disposition	795,390	2,103,363	234,569	227,889	168,147	72,340	732,150	2,511,493
Lifted from bank	2,938	4,014	294	243	247	1,834	2,618	4,491
Lifted from waste heap	200						105	
Total output	792,252	2,299,289	234,275	227,646	167,900	70,506	729,427	2,537,002

Table 106.—Disposition of Lignite Coal from Alberta Mines, 1943 and 1944
(Short tons)

	1943		1944				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
Supplied to employees for domestic consumption.....	21,998	\$6,946	1,114	15,695	3,860	88	20,757	\$8,901
Coal shipped as per Table 110	3,358,860	10,605,605	299,312	1,542,213	753,831	463,020	3,058,376	10,813,564
Used under colliery boilers.....	26,338	32,361	1,360	661	11,027	11,832	24,880	38,137
Used by companies' railroads.....	472	1,022		198			198	707
Put on bank.....	1,619	2,970	361	1,402	14,482	9,383	23,628	51,331
Put on waste heap.....	23,479						30,153	
Total disposition.....	3,433,366	10,782,864	302,147	1,560,169	783,200	444,323	3,159,592	10,972,648
Lifted from bank.....	15,374	13,610	161	1,401	2,853	3,741	8,156	17,979
Lifted from waste heap.....	3,411						3,969	
Total output.....	3,414,581	10,689,194	301,986	1,558,768	780,347	480,582	3,147,967	10,954,661

Table 107.—Total Shipments of Coal from Alberta Mines, by Grades and Destination, 1943 and 1944

(Short tons)

Destination	1943					1944				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	278,282	635,273	318,099	270,644	1,502,295	283,087	543,979	293,273	258,172	1,378,518
Saskatchewan.....	61,294	727,039	364,151	303,695	1,456,179	34,099	634,176	340,281	219,998	1,228,554
British Columbia.....	145,868	361,481	174,035	147,777	829,161	22,415	287,999	202,812	165,847	679,073
Manitoba.....	22,208	336,870	146,504	130,350	635,941	9,680	301,279	122,887	97,586	531,432
Ontario.....				1,190					4,946	4,752
Quebec.....									599	9,997
Alaska.....								1,064		1,064
United States.....	131,931	59,510	43,385	142,087	326,913	60,191	51,360	58,524	88,301	258,376
Ships' bunkers.....	36,814			72	36,886					
Ships' bunkers via U.S.	70,683		7,470	2,955	81,108	28,584				28,584
Railroads—										
In Canada.....	1,953,722	5,062	104,660	33,561	2,097,005	2,519,323	7,929	10,317	38,266	2,575,833
In United States.....	1,530				1,530	5,240			281	5,521
Total.....	2,702,332	2,126,425	1,158,384	1,031,150	7,018,211	2,962,619	1,831,368	1,833,910	869,057	6,696,954

Table 108.—Shipments of Bituminous Coal from Alberta Mines, by Grades and Destination, 1943 and 1944

(Short tons)

Destination	1943					1944				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	34,273	3,435	15,773	23,527	82,008	10,970	2,622	12,769	23,053	49,414
Saskatchewan.....	23,521	6,978	13,472	60,002	103,973	9,671	3,917	12,919	5,022	32,429
British Columbia.....	115,988	42,636	31,339	93,154	283,117	12,780	15,850	30,984	136,731	196,425
Manitoba.....	20,603	17,774	48,169	97,602	184,148	8,309	12,774	26,767	77,896	125,718
Ontario.....								92		92
United States.....	131,931	47,762	31,176	141,993	352,862	60,191	19,955	31,750	87,827	199,723
Ships' bunkers.....	36,814			72	36,886					
Ships' bunkers via U.S.	70,683		7,470	2,955	81,108	28,584				28,584
Railroads—										
In Canada.....	1,695,471	4,938	97,322	33,561	1,831,292	2,310,032	7,929	2,310	36,338	2,356,609
In the United States.....	1,530				1,530	5,240			281	5,521
Total.....	2,130,814	123,523	244,721	457,866	2,956,924	2,445,757	63,239	117,199	388,018	2,994,513

Table 109.—Shipments of Sub-Bituminous Coal from Alberta Mines, by Grades and Destination, 1943 and 1944
(Short tons)

Destination	1943					1944					
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total	
Alberta.....	11,944	27,432	12,531	3,900	55,816	6,312	25,209	17,275	4,455	53,251	
Saskatchewan.....	565	14,701	13,164	8,299	36,729	13,067	16,911	8,326	38,304		
British Columbia.....	9,383	160,241	80,951	14,426	265,001	1,736	137,471	100,835	15,139	255,181	
Alaska.....								1,064		1,064	
Manitoba.....	299	50,564	15,908	12,397	79,168	211	43,188	14,837	8,133	66,369	
Ontario.....							1,173	250	38	1,161	
Quebec.....								5,808	3,401	9,209	
United States.....											
Railroads—											
In Canada.....	258,251	124	7,338		265,713	209,291			8,007	1,928	219,226
In United States.....											
Total.....	280,442	253,062	129,892	39,031	702,427	217,550	225,916	162,580	38,019	644,065	

Table 110.—Shipments of Lignite Coal from Alberta Mines, by Grades and Destination, 1943 and 1944
(Short tons)

Destination	1943					1944				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	232,065	604,406	289,795	238,208	1,364,474	265,805	516,148	263,229	230,671	1,275,853
Saskatchewan.....	37,208	705,380	337,515	235,394	1,315,477	24,428	617,192	310,451	205,750	1,157,821
British Columbia.....	20,497	158,604	61,745	40,197	281,013	7,919	134,578	70,903	13,977	227,167
Manitoba.....	1,306	268,532	82,427	20,360	372,625	1,160	245,317	81,283	11,587	339,317
Ontario.....		1,190			1,190		3,381	4,502	561	8,444
United States.....		11,748	12,209	94	24,051		25,597	23,373	474	49,444
Railroads.....										
Total.....	291,076	1,749,840	783,691	534,253	3,358,860	299,313	1,512,213	753,831	463,020	3,058,376

Table 111.—Exports of Canadian Coal through Alberta Ports, 1940-1944
(Short tons)

Port	1940	1941	1942	1943	1944
Coultts.....		1,778	3,021	3,739	1,908
Lethbridge.....	886	433	225	284	183
Medicine Hat.....			451		
Total.....	2,442	3,454	4,415	2,192	2,645

Table 112.—*Imports into Alberta of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1943 and 1944
(Short tons)

Port	Source	1943				1944					1944	
		Anthra-cite	Bitum-inous all grades	Lign-ite	Total	Anthracite				Bitum-inous all grades	Lign-ite	
						Grate, egg, stove, nut, d'bles cobbles and trebles	Screen-ings or dust	Peas, beans, and smaller sizes, n.o.p.	Total			
Calgary.....	U.S.....	7	122		129		4		4	813		4
Edmonton.....	U.S.....		753		753						813	813
Lethbridge.....	U.S.....		127	2	129						122	122
Medicine Hat.....	U.S.....											
Total.....	U.S.....	7	1,002	2	1,011		4		4	925		939

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

Table 113.—Summary Statistics for Alberta in 1944—Output, Exports, Interprovincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds
(Short tons)

Month	Canadian coal				Imported from U.S.A.	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
January—						
Bituminous.....	301,245	1,700	26,176	102	41	276,708
Sub-bituminous.....	74,131		39,251			34,880
Lignite.....	348,039		181,115	479		166,445
Total.....	723,415	1,700	246,542	581	41	478,033
February—						
Bituminous.....	282,549	2,703	16,526	148	85	268,663
Sub-bituminous.....	72,240		37,142			35,098
Lignite.....	232,495		117,655	58		114,782
Total.....	587,284	2,703	171,323	206	85	418,543
March—						
Bituminous.....	307,431	2,295	18,241	4	178	291,659
Sub-bituminous.....	64,233		26,703			37,530
Lignite.....	206,130		100,182	123		105,825
Total.....	577,704	2,295	145,126	127	178	435,014
April—						
Bituminous.....	302,412	1,211	18,935	2	88	284,774
Sub-bituminous.....	54,937		23,886			31,071
Lignite.....	139,332	86	80,693	71		58,654
Total.....	496,681	1,297	123,494	73	88	374,499
May—						
Bituminous.....	328,026	2,227	23,901	5		300,347
Sub-bituminous.....	56,843		24,891			31,052
Lignite.....	169,904	44	107,203	58		62,747
Total.....	554,833	2,271	165,985	63		401,046
June—						
Bituminous.....	249,751	2,594	22,501	8	48	229,884
Sub-bituminous.....	48,221		21,142			27,079
Lignite.....	214,785		138,290	61		78,434
Total.....	512,757	2,594	179,933	69	48	335,397
July—						
Bituminous.....	264,970	1,753	30,001	34	123	236,811
Sub-bituminous.....	59,723		26,749			32,974
Lignite.....	190,238		112,609	99		77,530
Total.....	514,931	1,753	169,359	133	123	347,315
August—						
Anthracite.....					4	4
Bituminous.....	304,915	2,621	36,482	10	151	271,195
Sub-bituminous.....	57,203		30,104			27,099
Lignite.....	268,655		163,532	119		105,004
Total.....	630,773	2,621	230,118	129	155	403,302
September—						
Bituminous.....	300,072	2,711	34,789	93		268,801
Sub-bituminous.....	61,481		28,767			32,714
Lignite.....	279,432		158,597	123		120,712
Total.....	641,885	2,711	222,153	216		422,227
October—						
Bituminous.....	296,816	1,663	45,050	33	40	253,436
Sub-bituminous.....	86,666		34,256			34,410
Lignite.....	321,532		181,156	146		140,230
Total.....	687,014	1,663	260,462	179	40	428,076
November—						
Bituminous.....	303,974	2,837	44,760	249	128	261,924
Sub-bituminous.....	58,180		34,597			23,583
Lignite.....	401,151	45	202,279	195		198,722
Total.....	763,305	2,882	281,642	444	128	484,229
December—						
Bituminous.....	308,353	2,063	37,294	217	53	272,958
Sub-bituminous.....	53,569		33,847			19,722
Lignite.....	376,114	42	191,768	208		184,180
Total.....	738,036	2,105	262,909	425	53	476,860
Total—						
Anthracite.....					4	4
Bituminous.....	3,551,414	26,378	354,662	905	935	3,223,160
Sub-bituminous.....	729,427		361,315			368,112
Lignite.....	3,147,867	217	1,733,079	1,740		1,413,265
Total.....	7,428,708	26,595	2,419,056	2,645	939	5,804,341

Table 114.—Employees, Salaries and Wages, at the Coal Mines of Alberta, by Districts, 1944

District	Average number of employees				Salaries and wages			
	Salaried employees		Daily wage-earners		Total	Salaries	Wages	Total
	Male	Female	Surface	Under-ground		\$	\$	
BITUMINOUS—								
Cascade.....	38	1	101	171	311	114,324	642,813	757,137
Crowsnest.....	147	16	465	1,524	2,152	452,028	4,082,775	4,534,803
Highwood.....								
Mountain Park.....	74	3	252	536	865	226,874	1,765,485	1,992,359
Nordegg.....	34	4	175	258	469	99,844	904,857	1,004,701
Total bituminous.....	293	24	993	2,487	3,797	893,070	7,395,930	8,288,000
SUB-BITUMINOUS—								
Conkspur.....	47	4	271	276	598	120,929	1,385,141	1,506,070
Morley.....								
Pekisko.....	1		1	1	2	735	8,888	9,623
Pincher.....							876	876
Prairie Creek.....	3		4	13	20	8,030	24,718	32,748
Saunders.....	13		25	70	117	34,962	232,671	267,633
Total sub-bituminous.....	64	4	302	376	746	164,656	1,652,294	1,816,950
LIGNITE—								
Ardley.....	1		2	12	15	933	10,361	11,294
Big Valley.....	2		3	13	18	2,675	12,726	15,401
Brooks.....	10	3	24	3	40	20,649	54,973	75,622
Camrose.....	9	1	38	40	88	20,798	85,331	106,129
Carbon.....	7		21	55	83	5,569	74,225	79,793
Castor.....	7	2	10	53	72	8,521	64,140	72,661
Champion.....	2		1	14	17	4,980	14,978	19,958
Drumheller.....	116	12	341	1,548	2,017	317,210	3,844,698	4,161,908
Edmonton.....	54	1	75	385	515	95,715	752,382	848,097
Gleichen.....	7		5	34	46	9,591	41,733	51,321
Halcourt.....			1	2	3		3,724	3,724
Lethbridge.....	31	9	129	458	627	100,423	1,185,754	1,286,177
Magrath.....								
Milk River.....	1		2	3	6	800	1,680	2,150
Pakan.....							506	506
Pakowki.....	6		22	58	86	12,235	161,675	173,910
Pembina.....								
Redcliff.....	2		4	14	20	4,136	27,057	31,183
Rochester.....	4		3		7	3,200	3,585	6,785
Sexsmith.....								
Sheerness.....	6		26	2	34	9,195	23,087	32,282
Steveville.....								
Taber.....	11	6	30	8	55	23,817	27,902	51,719
Tofield.....	9		55	4	68	15,318	72,820	88,138
Westlock.....								
Wetaskiwin.....	1			2	3	1,067	2,200	3,267
Whitecourt.....	1		1	2	68	68	768	836
Area not designated.....	2		1	4	7	2,000	2,928	4,928
Total lignite.....	289	34	793	2,714	3,838	658,898	6,469,203	7,128,101
Total Alberta	646	62	2,088	5,577	8,373	1,716,624	15,517,427	17,231,051

Note.—Tables 115, 116 and 118 are compiled from monthly returns of operators and show the average employment at coal mines. Salaried employees shown in Table 114 are compiled from annual returns and include 50 persons who are not employed in or about the mines and are not reported on the monthly returns.

Table 115.—Employment at Coal Mines in Alberta, 1940-1944

—	1940	1941	1942	1943	1944
Average number of employees—					
Surface.....	1,860	1,934	2,159	2,380	2,481
Underground.....	5,477	5,611	5,840	6,151	5,842
Total	7,337	7,545	7,999	8,531	8,323
Days' work done—					
Surface.....	495,711	545,053	640,690	675,349	666,149
Underground.....	1,174,035	1,325,361	1,484,472	1,501,834	1,360,538
Total	1,669,746	1,870,414	2,125,162	2,177,183	2,026,687
Average number of days worked per man per year—					
Surface.....	267	282	297	284	269
Underground.....	214	236	254	244	233
By all employees	228	248	266	255	244

Table 116.—Employment and Work Done, by Months, at Coal Mines in Alberta in 1944

Month	Number of employees			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January	2,861	6,849	9,710	64,195	138,603	202,798
February	2,712	6,578	9,290	56,503	118,365	174,868
March	2,470	6,070	8,540	55,502	111,601	167,163
April	2,299	5,274	7,573	49,075	91,514	140,589
May	2,290	5,292	7,582	52,798	104,141	156,939
June	2,283	5,342	7,625	51,005	100,243	151,218
July	2,316	5,387	7,643	50,091	98,515	148,606
August	2,388	5,491	7,879	55,374	114,587	169,961
September	2,429	5,631	8,060	54,793	111,996	166,789
October	2,443	5,731	8,174	56,847	117,494	174,311
November	2,600	6,177	8,777	60,823	128,719	189,512
December	2,691	6,289	8,980	59,143	124,760	183,903
Total				666,119	1,360,538	2,026,687

Table 117.—Number of Man-Days' Work Done In the Coal Mines of Alberta, by Districts, 1943 and 1944

District	1943			1944		
	Surface	Under-ground	Total	Surface	Under-ground	Total
BITUMINOUS						
Bruno	34,242	47,242	81,484	35,531	48,220	83,751
Cascade	149,420	387,948	537,368	155,809	374,394	530,203
Crowsnest						
Highwood	72,854	164,545	237,399	76,508	154,138	230,646
Mountain Park	49,784	61,075	110,859	49,736	62,448	112,184
Nordegg						
Total bituminous	306,300	660,810	967,110	317,584	639,200	956,784
SUB-BITUMINOUS						
Calgary	110,979	74,248	185,227	95,698	66,989	162,647
Morley						
Pekisko	683	2,303	3,986	306	1,221	1,527
Pincher	114	104	219	155	155	310
Prairie Creek	884	1,115	1,999	1,562	2,609	1,261
Saunders	9,900	22,518	32,418	9,277	21,659	30,946
Total sub bituminous	122,560	100,348	222,908	106,998	92,733	199,731
LIGNITE						
Archie	407	2,939	3,346	560	1,768	2,324
Big Valley	1,257	3,516	4,773	415	2,022	2,137
Brooks	1,059	1,941	3,900	5,726	550	7,306
Camrose	5,979	15,174	21,153	12,961	9,038	21,999
Carbon	5,000	17,414	22,414	4,635	10,728	15,363
Castor	3,779	17,246	21,025	2,419	12,175	14,391
Champion	470	4,883	5,353	232	2,903	3,134
Drumheller	110,735	390,840	507,575	107,201	360,993	468,194
Edmonton	32,654	118,654	151,308	25,572	89,110	114,682
Glenallen	1,923	11,446	13,369	1,704	8,886	10,590
Halcourt	572	1,103	1,675	270	285	555
Lethbridge	49,112	124,887	173,999	41,826	108,187	150,013
Langrath						
Milk River	691	693	1,384	488	474	962
Pakauan						
Rankin	67	182	249	40	121	161
Redcliff	5,499	11,062	16,561	6,872	13,214	19,846
Rochester	2,209	6,390	8,599	1,007	3,216	4,223
Sherman	1,533	376	1,909	1,115		1,115
Sheerness	5,777	286	6,063	6,260	283	6,543
Steveville						
Tabor	3,144	3,451	6,595	6,471	2,035	8,586
Tohoed	13,633	1,154	14,787	14,534	1,091	15,625
Westlock						
Wetaskiwin						
Whitecourt	89	54	93	68	94	162
Area not designated						
Total lignite	246,489	740,676	987,165	241,567	628,605	870,172
Total Alberta	675,349	1,501,834	2,177,183	666,119	1,360,538	2,026,687

Table 118.—Employment at Coal Mines in Alberta, by Classes, 1943 and 1944

Classification	1943			1944		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	84		84	102		102
Foremen and officials.....	134	419	553	183	436	622
Clerks.....	152		152	106		166
Screenmen and loaders.....	609		609	591	18	601
Hand cutters and helpers.....		1,803	1,863		1,676	1,676
Machine cutters and helpers.....		319	319		285	285
Machine loaders and helpers.....		1,494	1,494		1,414	1,414
Horse haulage employees.....	19	431	450	19	413	433
Mechanical haulage employees.....	83	369	452	75	361	436
Ventilation employees.....		56	56	1	52	53
Roadmakers.....	1	196	197	4	198	202
Stripping shovel operators.....	16		16	6		6
Loading shovel.....				9		9
Cleaning shovel.....				2		2
Timbermen.....		409	409		375	375
Pumpmen.....	1	36	37	6	31	37
Chute loaders.....	1	179	180	5	184	189
Enginemen.....	118	8	126	101	4	105
Firemen.....	93		93	93		93
Machinists.....	77	9	86	79	6	85
Carpenters and masons.....	81		81	87	3	90
Other mechanics.....	137	20	157	154	23	177
All other employees.....	774	403	1,177	798	367	1,165
Total.....	2,380	6,151	8,531	2,481	5,842	8,323

CHAPTER TEN

BRITISH COLUMBIA

Table 119.—Output of Coal from British Columbia Mines, 1836-1944
(Short tons)

Calendar year	Output	Value	Calendar year	Output	Value	Calendar year	Output	Value
	\$				\$			\$
1836-1866.....	214,410	765,748	1893.....	1,093,980	2,930,304	1920.....	3,095,011	18,105,814
1867.....	34,988	124,556	1894.....	1,112,628	2,980,254	1921.....	2,890,291	15,676,774
1868.....	49,286	176,020	1895.....	1,058,045	2,834,049	1922.....	2,927,033	14,622,317
1869.....	40,098	143,208	1896.....	1,003,769	2,688,667	1923.....	2,823,306	13,813,520
1870.....	33,424	119,372	1897.....	1,019,390	2,730,510	1924.....	2,193,667	10,601,998
1871.....			1898.....	1,263,680	3,384,858	1925.....	2,742,252	11,720,373
1872.....	166,274	593,836	1899.....	1,431,101	3,843,307	1926.....	2,613,719	10,012,915
1873.....			1900.....	1,791,833	4,799,553	1927.....	2,746,243	10,934,777
1874.....	90,785	243,183	1901.....	1,919,488	5,141,487	1928.....	2,804,594	11,094,353
1875.....	109,361	292,932	1902.....	1,808,441	4,844,040	1929.....	2,490,378	10,160,789
1876.....	157,007	420,555	1903.....	1,676,581	4,490,844	1930.....	2,083,818	8,421,572
1877.....	156,455	419,076	1904.....	1,862,625	4,989,174	1931.....	1,876,406	7,150,949
1878.....	213,750	572,544	1905.....	1,945,452	5,211,030	1932.....	1,681,490	6,392,801
1879.....	260,277	697,170	1906.....	2,146,262	5,748,915	1933.....	1,382,272	5,306,287
1880.....	305,045	817,086	1907.....	2,364,808	7,390,306	1934.....	1,485,969	5,351,108
1881.....	257,056	683,542	1908.....	2,333,708	7,292,838	1935.....	1,331,287	5,043,510
1882.....	323,201	865,716	1909.....	2,606,127	8,144,147	1936.....	1,459,171	5,493,425
1883.....	240,075	643,059	1910.....	3,330,745	10,408,558	1937.....	1,598,843	8,863,849
1884.....	441,130	1,181,598	1911.....	2,542,532	7,045,413	1938.....	1,440,287	5,237,077
1885.....	372,987	999,072	1912.....	3,208,997	10,028,116	1939.....	1,692,755	5,825,107
1886.....	375,415	1,005,576	1913.....	2,714,420	8,482,562	1940.....	1,867,846	6,157,250
1887.....	486,142	1,302,165	1914.....	2,239,799	6,499,374	1941.....	2,020,844	6,482,672
1888.....	539,467	1,445,001	1915.....	2,055,613	6,455,041	1942.....	2,168,541	7,566,822
1889.....	636,439	1,704,747	1916.....	2,584,061	8,075,190	1943.....	2,039,402	7,648,720
1890.....	767,586	2,056,035	1917.....	2,433,888	8,235,716	1944.....	2,134,231	9,009,506
1891.....	1,130,227	3,027,528	1918.....	2,568,589	11,484,681	Total.....	116,733,830	418,190,950
1892.....	937,218	2,510,406	1919.....	2,649,516	13,512,532			

* The tonnage shown for 1919-1944 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 120.—Output of Coal from British Columbia Mines, by Months, 1940-1944
(Short tons)

Month	1940	1941	1942	1943	1944
January.....	166,176	171,420	190,425	157,652	189,945
February.....	158,038	147,657	192,601	170,188	190,740
March.....	149,383	139,446	210,465	189,535	212,100
April.....	166,450	154,182	198,479	164,779	163,279
May.....	159,541	152,547	180,915	154,987	186,402
June.....	148,912	163,475	193,885	176,465	189,349
July.....	158,012	162,387	177,802	170,812	175,849
August.....	170,334	162,171	165,182	173,858	196,190
September.....	137,069	178,242	165,478	171,728	159,436
October.....	151,580	192,968	166,111	186,106	155,762
November.....	157,845	187,972	157,535	131,302	156,779
December.....	144,506	188,377	170,663	191,990	152,400
Total.....	1,867,846	2,020,844	2,168,541	2,039,402	2,134,231

Table 121.—Output of Coal by Districts in British Columbia, 1940-1944
(Short tons)

District	1940	1941	1942	1943	1944
Crow's Nest Pass.....	869,704	1,149,179	1,173,439	1,038,835	1,221,621
Inland.....	177,091	146,042	168,300	182,297	138,133
Island.....	821,051	725,623	826,802	818,270	774,477
Total.....	1,867,846	2,020,844	2,168,541	2,039,402	2,134,231

Table 122.—Output of Coal by Principal Collieries in British Columbia, 1942-1944
 (Average of 500 tons or over per month)

(Short tons)

Name	Address	1942	1943	1944
CROW'S NEST PASS DISTRICT—				
Consolidated Mg. & Smelting Co. Ltd., The.....	Trail.....		39,817	157,280
Crow's Nest Pass Coal Co., Ltd.....	Fernie.....	1,173,439	999,018	1,064,341
Total.....			1,173,439	1,038,835
				1,221,621
INLAND DISTRICT—				
Bulkley Valley Collieries Ltd.....	Telkwa.....	6,578	8,405	14,233
Granby Cons. M.S. & P. Co., Ltd.....	Princeton.....	83,981	70,971	
Merritt Coal Mines Ltd.....	Merritt.....		2,557	9,597
Middleboro Collieries, Ltd.....	Merritt.....	32,148	37,131	11,068
Princeton Tulameen Coal Co. Ltd.....	Princeton.....	30,620	34,075	20,202
TelKoal Company Ltd. (formerly Aveling Coal Co.)	Telkwa.....	1,782	6,998	22,403
Tulameen Collieries Ltd.....	Vancouver.....	10,617	17,551	53,408
All other operators.....		2,574	4,809	7,222
Total.....		168,300	182,297	138,133
ISLAND DISTRICT—				
Canadian Collieries (Dunsmuir) Ltd.....	Nanaimo.....	810,637	804,569	760,222
Chambers, R. H.....	Nanaimo.....	4,904	4,330	3,072
All other operators.....		11,261	9,371	11,183
Total.....		826,802	818,270	774,477
Total British Columbia		2,168,541	2,039,402	2,134,231

Table 123.—Tonnage Lost in British Columbia Mines, Showing, by Districts, the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1943 and 1944

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.....	1943	91	9	6.6			0.2	2.2
	1944	83	17	14.5		1.0		1.5
Inland.....	1943	90	10	6.0	1.2	0.8	0.9	1.1
	1944	88	12	2.8	3.7	0.2	1.7	3.6
Island.....	1943	89	11	6.0	0.3		0.1	4.6
	1944	88	12	5.4			0.6	6.0
British Columbia	1943	90	10	6.4	0.2	0.1	0.3	3.0
	1944	85	15	10.6	0.2	0.6	0.3	3.3

Table 124.—Disposition of Coal from British Columbia Mines, by Grades, 1943 and 1944

(Short tons)

Description	1943		1944				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Quantity	Value
	Quan-	Value						
Supplied to employees for domestic consumption.....	18,227	60,712	5,087	8,232	1,392		14,711	57,106
Shipped as per Table 125.....	1,671,733	7,156,674	632,443	210,028	277,168	572,262	1,741,901	8,419,259
Used under colliery boilers, etc.....	27,716	72,193	3,131	240	1,153	19,871	24,395	75,468
Used by companies' railroads.....	4,571	22,435		2,970	1,872		4,842	23,259
Used in making coke at colliery.....	130,464	321,883				126,618	126,618	370,290
Put on bank.....	27,940	105,639	31,826	10,199	8,165	5,746	55,936	230,637
Put on waste heap.....	178,313						204,716	
Total disposition	2,058,964	7,718,936	722,487	231,669	289,750	721,497	2,173,119	9,176,019
Lifted from bank.....	18,981	70,216	7,930	11,173	10,176	7,356	36,633	166,513
Lifted from waste heap.....	581						2,253	
Total output	2,039,402	7,648,720	714,557	220,496	279,574	717,141	2,134,231	9,009,506

Table 125.—Shipments of Coal from British Columbia Mines, by Grades and Destination, 1943 and 1944

(Short tons)

Destination	1943					1944				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
British Columbia.....	92,480	213,893	242,826	269,258	818,457	203,790	182,810	200,772	229,772	817,144
Alberta.....	698		1,196	17,903	19,797	168		556	25,654	26,378
Saskatchewan.....	4,114	408	3,940	3,235	11,697	2,870	100	3,776	2,279	9,025
Manitoba.....	13,949	375	24,117	126,511	164,352	6,492	395	18,244	94,851	119,982
Ontario.....										
Yukon.....										
United States.....		1,612	22,881	143,148	167,641	2,318	13,502	44,322	146,683	206,915
Alaska.....		12,555	2,310		14,865		11,636	2,466		14,102
Railroads for locomotive use—										
(a) In Canada.....	348,518	2,674	9,467	1,631	362,290	451,882	1,404	7,032	3,563	463,881
(b) In the United States.....	17,625				17,625	14,923	91			15,014
Bunker.....					94,400	91,189			69,460	69,460
Total.....	477,384	231,517	306,737	656,095	1,671,733	682,443	210,028	277,168	572,262	1,711,901

Table 126.—Exports of Canadian Coal through British Columbia Ports, 1940-1944

(Short tons)

Port	1940	1941	1942	1943	1944
Cranbrook.....	114,540	128,763	238,119	492,961	427,230
Nanaimo.....	74,325	39,662	60,983	16,011	49,121
Nelson.....				138	
New Westminster.....	31	359	1,870	96,070	21,508
Penticton.....	77	14	155	79	104
Prince Rupert.....	16	48	112	9	30
Trail.....		9	3	14	18
Vancouver.....			917		5,140
Victoria.....					
Total.....	188,983	168,855	302,150	605,282	563,151

Table 127.—*Imports into British Columbia of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1943 and 1944

(Short tons)

Port	Source	1943					1944				
		Anthracite	Bitum-inous, all grades	Lignite	Total	Anthracite					
						Grate- egg, stove, nut, d'bles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes, n.o.p.	Total	Bitum- inous, all grades	
Cranbrook.....	U.S.										
Nelson.....	U.S.		42		42					42	42
New Westminster.....	U.S.		81	166	217					40	171
Penticton.....	U.S.										
Prince Rupert.....	U.S.		42		42					39	39
Trail.....	U.S.										
Vancouver.....	U.S.	110	1,298		1,408	52				1,022	1,074
Victoria.....	U.S.		148		148					93	93
Total.....	U.S..	110	1,611	166	1,887	52	10		62	1,236	1,469

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

Table 128.—Summary Statistics for British Columbia in 1944—Output, Exports, Inter-provincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds
(Short tons)

Month	Canadian coal				Imported from U.S.A.	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
January—						
Bituminous.....	189,945	14,143	12,651	47,507		143,930
Sub-bituminous.....		27,988				27,988
Lignite.....		20,887		41		20,846
Total.....	189,945	63,018	12,651	47,548		192,784
February—						
Bituminous.....	196,740	9,219	12,959	66,259	106	126,847
Sub-bituminous.....		25,735				25,735
Lignite.....		12,021		295	21	12,347
Total.....	196,740	47,575	12,959	66,554	127	164,929
March—						
Anthracite.....					52	52
Bituminous.....	212,100	9,533	14,043	43,943	97	163,744
Sub-bituminous.....		19,507				19,507
Lignite.....		11,585		177	40	11,448
Total.....	212,100	40,625	14,043	44,120	189	194,751
April—						
Bituminous.....	163,279	11,560	9,575	41,095		124,169
Sub-bituminous.....		18,887				18,887
Lignite.....		14,067		125		13,942
Total.....	163,279	44,514	9,575	41,220		156,908
May—						
Bituminous.....	186,402	12,444	10,455	68,263	326	120,454
Sub-bituminous.....		17,992				17,992
Lignite.....		14,464		42	22	14,444
Total.....	186,402	44,900	10,455	68,305	348	152,890
June—						
Bituminous.....	189,349	8,486	13,321	36,548	43	148,009
Sub-bituminous.....		13,465				13,465
Lignite.....		14,877		41		14,836
Total.....	189,349	36,828	13,321	36,589	43	176,310
July—						
Anthracite.....					10	10
Bituminous.....	175,849	14,430	11,430	33,454	46	145,441
Sub-bituminous.....		18,401				18,401
Lignite.....		13,788				13,788
Total.....	175,849	46,619	11,430	33,454	56	177,640
August—						
Bituminous.....	196,190	20,701	13,188	38,174	165	165,694
Sub-bituminous.....		20,545				20,545
Lignite.....		20,590				20,590
Total.....	196,190	61,836	13,188	38,174	165	200,829
September—						
Bituminous.....	159,436	17,613	14,262	33,935	42	128,894
Sub-bituminous.....		19,803				19,803
Lignite.....		23,033				23,033
Total.....	159,436	60,449	14,262	33,935	42	171,730
October—						
Bituminous.....	155,762	22,056	14,910	32,419	152	131,541
Sub-bituminous.....		22,265				23,265
Lignite.....		25,104			42	25,146
Total.....	155,762	71,325	14,910	32,419	194	179,952

Table 128.—Summary Statistics for British Columbia in 1944—Output, Exports, Inter-provincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds—Concluded

(Short tons)

Month	Canadian coal				Imported from U.S.A.	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
November—						
Bituminous.....	156,779	28,847	15,023	29,465	185	141,323
Sub-bituminous.....		24,533				24,533
Lignite.....		28,373				28,373
Total.....	156,779	81,753	15,023	29,465	185	194,229
December—						
Bituminous.....	152,400	26,493	13,568	31,368	74	134,031
Sub-bituminous.....		25,060				25,060
Lignite.....		28,078				28,124
Total.....	152,400	79,631	13,568	31,368	120	187,215
Total—						
Anthracite.....					62	62
Bituminous.....	2,134,231	196,425	155,385	502,130	1,236	1,674,077
Sub-bituminous.....		255,181				255,181
Lignite.....		227,467				226,917
Total.....	2,134,231	679,073	155,385	503,151	1,469	3,156,237

Table 129.—Employees, Salaries and Wages in the Coal Mines of British Columbia, by Districts, 1944

District	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners		Total	Salaries		Total
	Male	Female	Surface	Under-ground		\$	\$	
Crow's Nest Pass.....	73	9	260	840	1,182	235,325	2,130,808	2,366,133
Inland.....	24	1	58	155	239	53,741	383,666	437,107
Inland.....	137	21	424	912	1,494	418,618	2,441,949	2,860,567
British Columbia.....	234	31	743	1,907	2,915	707,684	4,956,423	5,664,107

NOTE.—Tables 130, 131 and 133 are compiled from *monthly* returns of operators and show the average employment at coal mines. Salaried employees shown in Table 129 are compiled from *annual* returns and include 60 persons who are not employed in or about the mines and are not reported on the monthly returns.

Table 130.—Employment and Earnings in the Coal Mines of British Columbia,
1940-1944

	1940	1941	1942	1943	1944
Average number of employees—					
Surface	734	653	689	790	862
Underground	2,049	1,914	1,881	1,958	1,993
Total	2,783	2,567	2,570	2,748	2,855
Days' work done—					
Surface	205,828	185,254	203,536	231,709	248,593
Underground	510,398	480,369	519,838	491,838	481,181
Total	716,226	665,623	723,374	723,547	729,774
Average number of days worked per man per year—					
Surface	280	284	295	293	288
Underground	249	251	276	251	241
By all employees	257	259	281	263	256

Table 131.—Employment, and Work Done by Months at the Coal Mines
of British Columbia in 1944

Month	Number of employees			Days' work done		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	977	2,183	3,160	22,958	43,936	66,894
February.....	932	2,168	3,100	22,572	44,887	67,459
March.....	920	2,128	3,048	23,307	47,440	70,747
April.....	887	2,049	2,936	19,849	37,933	57,782
May.....	909	2,001	2,910	22,150	40,220	62,370
June.....	911	1,952	2,863	21,974	41,156	63,130
July.....	907	1,944	2,851	21,038	38,095	59,133
August.....	904	1,939	2,843	22,101	39,274	61,465
September.....	786	1,872	2,658	18,917	35,380	54,297
October.....	734	1,885	2,619	17,953	38,685	56,638
November.....	728	1,895	2,623	17,963	38,227	56,190
December.....	753	1,914	2,667	17,721	35,948	53,669
Total.....				248,593	481,181	729,774

Table 132.—Number of Man-Days Worked at Coal Mines in British Columbia,
by Districts, 1943 and 1944

District	1943			1944		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Crow's Nest Pass.....	56,157	188,530	244,687	85,731	203,021	288,755
Inland.....	29,959	63,840	93,799	17,640	42,711	60,351
Island.....	145,503	239,468	385,961	145,222	235,446	380,668
Total.....	231,700	491,838	723,547	248,593	481,181	729,774

Table 133.—Employment at Coal Mines in British Columbia, by Classes, 1943 and 1944

Classification	1943			1944		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	17		17	18		18
Foremen and officials.....	33	79	112	80	106	186
Clerks.....	46		46	41		41
Screenmen and loaders.....	119		119	102	1	103
Hand cutters and helpers.....		298	298		239	239
Machine cutters and helpers.....		175	175		275	275
Machine loaders and helpers.....		480	480		595	595
Stripping shovel.....	2		2	2		2
Ludging shovel.....				4		4
Horse haulage employees.....	5	89	94	13	79	92
Mechanical haulage employees.....	11	339	350	21	368	389
Ventilation employees.....		24	24		21	21
Roadmakers.....		30	30	1	37	38
Timbermen.....	3	145	148	12	127	139
Pumpmen.....		1	1		1	1
Chute loaders.....		11	11	1	4	5
Enginemen.....	38		38	27		27
Firermen.....	21		21	26		26
Machinists.....	36	10	46	26	9	35
Carpenters and masons.....	44		44	47	4	51
Other mechanics.....	80	78	158	58	33	91
All other white employees.....	264	195	459	298	93	391
Japanese.....						
Chinese.....	67	1	68	82		82
Indians.....	4	3	7	3	1	4
Total.....	790	1,958	2,748	862	1,993	2,855

CHAPTER ELEVEN

YUKON

Table 134.—Output of Coal from Yukon Mines, 1901-1944

(Short tons)

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
1901.....(a)	5,864	\$6,230	1915.....	9,724	38,896	1929.....	458	\$1,848
1902.....	4,910	37,280	1916.....	3,300	13,200	1930.....	653	3,110
1903.....	1,849	29,584	1917.....	4,872	129,232	1931.....	904	5,038
1904.....			1918.....	2,900	11,600	1932.....	808	3,491
1905.....	7,000	21,000	1919.....			1933.....	862	3,670
1906.....	7,000	28,000	1920.....			1934.....	638	2,217
1907.....	15,000	60,000	1921.....	233	2,472	1935.....	835	3,483
1908.....	3,847	21,158	1922.....	465	4,650	1936.....	510	2,286
1909.....	7,364	49,502	1923.....	313	1,485	1937.....	84	812
1910.....	16,185	110,925	1924.....	1,121	8,265	1938.....	361	3,400
1911.....	2,840	12,780	1925.....	730	7,147	1939-1944.....		
1912.....	9,245	44,958	1926.....	316	800			
1913.....	19,722	95,945	1927.....	414	2,052	Total.....		
1914.....	13,443	53,760	1928.....	414	2,915		145,184	803,192

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

† Value not reported, but estimated.

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

Table 135.—Imports of Bituminous Coal into Yukon and Exports of Canadian Coal through Yukon Ports, 1940-1944

(Short tons)

—	1940	1941	1942	1943	1944
IMPORTS—					
Dawson.....					
White Horse.....		8	8		
Total.....		8	8		
EXPORTS—					
Dawson.....	1				
White Horse.....					
Total.....	1				

* Includes 74 tons of lignite coal.

APPENDIX ONE

LEGISLATION PROVIDING ASSISTANCE FOR THE MARKETING OF CANADIAN COAL

COAL FOR COKE OR GAS

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

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

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

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

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

The Committee further advise,—

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

P.C. 4348 (*May 22, 1942*)

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

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

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

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

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

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

P.C. 3064—(April 20, 1943)

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

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

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

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

- Section (6) of Order in Council P.C. 1861 of August 4, 1936.
- Section (4) of Order in Council P.C. 3971 of December 5, 1939.
- Section (4) of Order in Council P.C. 3972 of December 5, 1939.
- Section (8) of Order in Council P.C. 3969 of December 5, 1939.
- Section 6 of Order in Council P.C. 7588 of October 1, 1941.
- Paragraph (h) of Section (1) of Order in Council P.C. 6643 of July 28, 1942.
- Section 5 of Order in Council P.C. 10473 of November 17, 1942.
- Section 4 of Order in Council P.C. 10592 of November 27, 1942.

NOVA SCOTIA COAL TO QUEBEC AND ONTARIO

P.C. 3969—(December 5, 1939)

The Committee of the Privy Council have had before them a report, dated 27th November, 1939, from the Acting Minister of Mines and Resources, with reference to an Order in Council, P.C. 2789 of the 8th day of November, 1938, which authorizes assistance to the movement of coal mined in the Province of Nova Scotia and shipped to consuming points in the Provinces of Quebec and Ontario.

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

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

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

P.C. 3969 (December 5, 1939)—Conc.

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

P.C. 9164—(November 26, 1941)

Amending Section 7, of P.C. 3969

WHEREAS by Order in Council P.C. 5463 of the 9th day of October, 1940, Section (7) of Order in Council P.C. 3969 of the 5th day of December, 1939, was amended as therein set forth, authorizing assistance in respect of coal mined in the Province of Nova Scotia and purchased by railway companies for their own use at the localities named therein:

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

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

1. Section (7) of Order in Council P.C. 3969 of the 5th day of December, 1939, as amended by Order in Council P.C. 5463 of the 9th day of October, 1940, is hereby rescinded and the following is substituted therefor:—
- (7) With respect to coal mined in the Province of Nova Scotia and shipped as in subsection (a) hereunder to points in the Province of Quebec for use by any industry or any railway company, payments may be made to the coal mine operators or coal distributors of the difference in amount per net ton between the laid down cost of coal mined in the Province of Nova Scotia and the laid down cost of imported coal that would otherwise be used; provided however, that
 - (a) such payments shall only be made on coal moved from the coal mines in Nova Scotia by boat from ports in Nova Scotia to Portland or Searsport, in the State of Maine, United States of America, and thence transported by railway to points in the Province of Quebec, such assistance in no instance to exceed two dollars (\$2.00) per net ton; and
 - (b) the said differences between laid down costs shall be determined by the Coal Administrator and be approved by the Wartime Prices and Trade Board.”
2. Assistance made available under the provisions of this Order in Council shall be payable on movements of coal on and after November 1, 1941.

P.C. 2356 (June 3, 1940)

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

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

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

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

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

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

Provided that:—

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

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

P.C. 6643 (*July 28, 1942*)

The Committee of the Privy Council have had before them a report, dated 13th July, 1942, from the Minister of Finance, submitting,—with reference to Order in Council P.C. 2947 of 29th April, 1941, which expired on 31st December, 1941, and under which assistance was provided to the movement of Nova Scotia coal by water to distributing and consuming centres in the Province of Quebec,—that the conditions which necessitated the provision of this assistance in 1941 continue to be encountered with enhanced severity during the current shipping season and such conditions may be expected to be maintained while the war continues seriously to affect the supply of shipping and labor.

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

- (1) That assistance be provided on the movement of coal mined in the Province of Nova Scotia and transported by water from any port in the said province to any port in the Provinces of Quebec, New Brunswick, Nova Scotia and Prince Edward Island, the amount of the said assistance to be computed at the difference in the weighted average cost per net ton of coal for shipping and transporting, and including the costs of war risk insurance on such coal delivered to said ports by water in the shipping season of 1940 and of similar weighted average costs during the season of 1942 and subsequently until this Order shall be rescinded or amended, provided:—
 - (a) That assistance shall not apply to coal supplied for ships' bunkers or stores;
 - (b) That the assistance shall apply only on shipments of coal from coal mines or coal properties which were operating under legal permit and shipping coal prior to December 31, 1930;
 - (c) That the assistance shall not be granted to those otherwise eligible to participate who refuse or fail to furnish such information as the Minister of Finance may consider necessary in the administrative duties connected with these movements; and that for the purpose of certifying such information, the Minister of Finance or such officers of the Wartime Prices and Trade Board as he may designate shall have free access to all books, records or accounts kept by shippers in connection with these movements and may make such examination thereof as shall be considered necessary or expedient;
- (2) That the Minister of Finance be given the right to refuse approval in each and every application for assistance under this authority.
- (3) That the Coal Administrator under the Wartime Prices and Trade Board be charged with the duty of administering this Order in Council; and of making recommendations to the Board as to the amounts of assistance payable under this authority to coal mine operators or distributors; that such payments may consist of one or more interim payments during the shipping season, such payments to be considered as accountable advances and subject to adjustment on final audit of the season's operations; and
- (4) That sums approved for payment shall be chargeable to the amounts voted by Parliament from time to time in connection with the movements of coal under conditions prescribed by the Governor in Council.

P.C. 10473 (*November 17, 1942*)

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

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

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

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

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

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

NEW BRUNSWICK COAL TO QUEBEC AND ONTARIO

P.C. 1861—(August 4, 1936)

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

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

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

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

P.C. 1683—(March 2, 1943)

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

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

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

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

Certified to be a true copy.

SASKATCHEWAN COAL TO MANITOBA AND WESTERN ONTARIO

P.C. 3972—(December 5, 1939)

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

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

P.C. 3972—(December 5, 1939)—Conc.

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

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

ALBERTA AND BRITISH COLUMBIA CROW'S NEST PASS COAL TO ONTARIO
P.C. 7588—(October 1, 1941)

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

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

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

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

1. The said Orders in Council P.C. 740 of the 24th day of April, 1933, P.C. 3286 of the 4th day of January, 1939 and P.C. 3970 of the 5th day of December, 1939, are hereby revoked.
2. Movements of coal mined in the Province of Alberta and in the Crow's Nest Pass District of British Columbia and shipped to points in the Province of Ontario shall be assisted by payments out of such sums as may be provided by Parliament from year to year for that purpose.
3. In respect of coal mined in the Province of Alberta and in the Crow's Nest Pass District of British Columbia and shipped by rail, for use by consumers other than railways, to points in the Province of Ontario to which the tariff freight rate in effect at the time of shipment is less than eight dollars (\$8.00) per net ton, the assistance granted shall be a sum equivalent to a reduction of twenty-five per cent (25%) of the tariff freight rate in effect at the time of shipment; the amount of the said reduction to be payable to the railway which shipped such coal.
4. In respect of coal mined in the Province of Alberta and the Crow's Nest Pass District of British Columbia and shipped by rail, for use by consumers other than railways, to points in the Province of Ontario to which the tariff freight rate in effect at the time of shipment is eight dollars per net ton (\$8.00) or in excess thereof, the assistance granted shall be a sum equivalent to a reduction of two dollars and fifty cents (\$2.50) per net ton in the said freight rate; the amount of the said reduction to be payable to the railway which shipped the coal.
5. With respect to coal mined in the Province of Alberta and the Crow's Nest Pass District of British Columbia and purchased by a railway for its own use at points in the Province of Ontario, the assistance granted shall be a sum equivalent to a reduction of twenty-five per cent (25%) of the published tariff freight rate in effect at the time of shipment; provided that the amount of the said reduction shall in no instance exceed two dollars (\$2.00) per net ton; the amount of the said reduction to be payable to the railway.
6. The assistance shall apply only to shipments of coal from coal mines or coal properties operating under requisite permit and shipping coal prior to December 31, 1930.
7. The assistance shall not apply to shipments of less than carload lots.
8. The assistance shall not be granted to any person who refuses or fails to furnish such information as the Wartime Prices and Trade Board may require for the purposes of the administrative duties connected with the movement of coal, and, for the purpose of verifying or certifying such information, any person designated by such Board or by the Coal Administrator may examine and make extracts from all books, records or accounts of any shipper or railway.
9. No assistance shall be paid except as authorized by the Wartime Prices and Trade Board and such Board may decline to authorize any particular payment.
10. In respect of acceptances in effect at the date hereof, issued under authority of any Order in Council hereby revoked, for assistance to movement of coal to consumers other than railways, shipments covered by such acceptances shall be completed.
11. In respect of movements of coal or briquettes under said Order in Council P.C. 3970 of December 5, 1939, for the use of the railways, billings at the rates of assistance authorized in said Order in Council shall be concluded with those for the month of August, 1941.
12. Movements of briquettes made from coal mined in the Province of Alberta or in the Crow's Nest Pass District of British Columbia from coal eligible for assistance under the provisions of this Order in Council shall receive assistance at the same rates as are provided herein for coal.
13. All applications for assistance shall be made in such manner and form as may be prescribed from time to time by the Coal Administrator.

P.C. 9794—(December 16, 1941)

Amending Section 3, of P.C. 7588

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

AND WHEREAS the Minister of Finance reports that due to unavoidable delays in making known to dealers in the territory affected by Section 3 of the said Order in Council the said dealers had not adjusted their prices in conformity with the reductions in the assistance provided, prior to the expiration on October 11, 1941 of the basic period set under the Maximum Price Regulations in accordance with Order-in-Council P.C. 8327 of 1st November, 1941.

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

(3) In respect of coal mined in the Province of Alberta and in the Crow's Nest Pass District of British Columbia and shipped by rail for use by consumers other than the railways, to points in the Province of Ontario, to which the tariff freight rate in effect at the time of shipment is less than eight dollars (\$8.00) per net ton, the assistance granted shall be as follows:—

- (a) When shipped direct to consumers, and not for resale, the assistance granted shall be a sum equivalent to a reduction of twenty-five per cent (25%) of the tariff freight rate in effect at the time of shipment; the amount of the said reduction to be payable to the railway which shipped such coal.
- (b) When shipped to dealers for re-sale to consumers normally obtaining their supplies through registered distributors the assistance granted shall be a sum equivalent to a reduction of thirty per cent (30%) of the tariff freight rate in effect at the time of shipment; provided that the amount of the said reduction shall in no instance exceed the sum of two dollars (\$2.00) per net ton; the amount of the said reduction to be payable to the railway which shipped such coal.

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

P.C. 4740 (June 5, 1942)

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

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

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

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

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

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

ALBERTA COAL TO BRITISH COLUMBIA

P.C. 10592 (November 27, 1942)

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

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

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

1. That assistance be granted to movements of coal from coal mines or coal properties in the Carbon, Sheerness, Drumheller, and Lethbridge areas of the Province of Alberta, as indicated in the list of Coal Mines of Canada, No. 4-1 issued by the Department of Mines and Resources, January, 1942, and shipped to points in the Province of British Columbia south of the 50th parallel of latitude to which the tariff freight rate in effect at the time of shipment is five dollars (\$5.00) per net ton, or in excess thereof;
2. That with respect to such movements of coal referred to in the above section 1 the assistance granted shall be a sum equivalent to a reduction of sixty-five cents (65c) per net ton from the said freight rates, the amount of the reduction being payable to the railway which shipped such coal;
3. That the amounts of assistance approved for payment shall be chargeable to the amounts provided by Parliament for the movement of coal under assisted rates;
4. That the assistance shall apply only on shipments of coal from coal mines or coal properties operating under requisite permit and shipping coal prior to December 31, 1930;
5. That the assistance shall not apply on shipments of less than carload lots;
6. That the assistance shall not be granted to those otherwise eligible to participate who refuse or fail to furnish such information as the Minister of Finance may consider necessary in the administrative duties connected with this authority; and that for the purpose of certifying such information the Minister of Finance or such officers as he may designate shall have free access to all books, records or accounts kept by shippers or the railways in connection with this movement and may make such examination thereof as shall be considered necessary or expedient.

P.C. 10592—(November 27, 1942)—Conc.

7. (a) That the Coal Administrator shall be charged with the duty of administering the provisions hereof;
- (b) That in administering the provisions hereof, the Coal Administrator shall before granting assistance hereunder first be satisfied that such assistance is necessary to meet an emergent situation, and that the movement mentioned in Paragraph (1) above can take place without detriment to the reasonable and necessary requirements of the Prairie Provinces;
- (c) That the Coal Administrator shall be required to report to the Minister of Finance as to the amounts paid under this Order in Council from time to time as required.
8. That the Minister of Finance shall have the right to refuse approval in each and every application for assistance under this authority.
9. That assistance made available under the provisions hereof shall be payable on movements on and after November 27, 1942, and until rescinded.

P.C. 4226—(May 24, 1943)

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

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

P.C. 6570—(August 22, 1944)

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

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

BRITISH COLUMBIA COAL FOR BUNKER AND EXPORT

P.C. 3971—(December 5, 1939)

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

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

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

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