

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

COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEAR

1945

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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; Cocoa and Chocolate; Preserved and Canned Products; Pickles, Vinegar and Cider; Flour and Cereals; Bread and other Bakery Products; Macaroni and Vermicelli; Distilled and Brewed Liquors and Wines; Rubber Products; Starch and Glucose; Sugar; Tobacco Products; Linseed Oil and Oil Cake.
 - (2) **Animal Products**, including—Fish and Fish Products; Dairy Factory Products; Meat and Meat Products; Leather and Leather Products; Furs and Fur Products.
 - (3) **Textiles and Textile Products**, including—Cotton Textiles (Cloth, Yarn, Thread and Waste); Woolen Textiles (Cloth, Yarn, Blankets, Felt and Waste); Silk Products; Factory-Made Clothing; Carpets, Rugs and Mats; Cordage, Rope and Twine.
 - (4) **Wood and Paper**, including—Pulp and Paper Mill Products; Paper Goods; Printing, Publishing and Lithographing; Saw and Planing Mill Products; Furniture; Carriages, Wagons and Sleighs; Wooden Containers; Woodenware; Turned Wood Products; and the Output of Similar Wood-Using Industries.
 - (5) **Iron and Steel and Their Products**, including Primary Iron and Steel—(Pig Iron and Ferro-Alloys; Steel and Roiled Products); Iron Castings; Heating and Cooking Apparatus; Boilers, Tanks and Platework; 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—Sand-Lime Brick—Cressed 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, (i) Boiler Compounds, (ii) Cellulose Products, (iii) 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.

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

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

The thanks of the Bureau are tendered to the coal operators, who, through the agency of their respective Provincial Governments have furnished the 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. H. McLeod, Chief, Mining, Metallurgical and Chemical Statistics, by Mr. J. E. Whimster, Statistician in charge of the coal section.

HERBERT MARSHALL,
Dominion Statistician.

DOMINION BUREAU OF STATISTICS,
Ottawa.

August 1, 1947.

STATISTICS ON COAL AS COMPILED IN THE DOMINION BUREAU OF STATISTICS

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

(1) COAL MINE STATISTICS

The Mining, Metallurgical and Chemical Statistics branch of the Bureau obtains a monthly statement from each coal mine in Canada, showing the output and distribution of coal by grades. The distribution statistics differentiate the amounts (a) supplied to colliery employees, (b) used for power, (c) supplied to railroads, (d) supplied for ships' bunkers, (e) put on bank, and (f) shipped for commercial consumption. The destinations of all shipments from the mines are shown by provinces. Number of employees, days worked, time and tonnages lost, etc., are also shown. These statistics are collected monthly in co-operation with the Provincial Mines Departments.

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

(2) IMPORTS AND EXPORTS

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

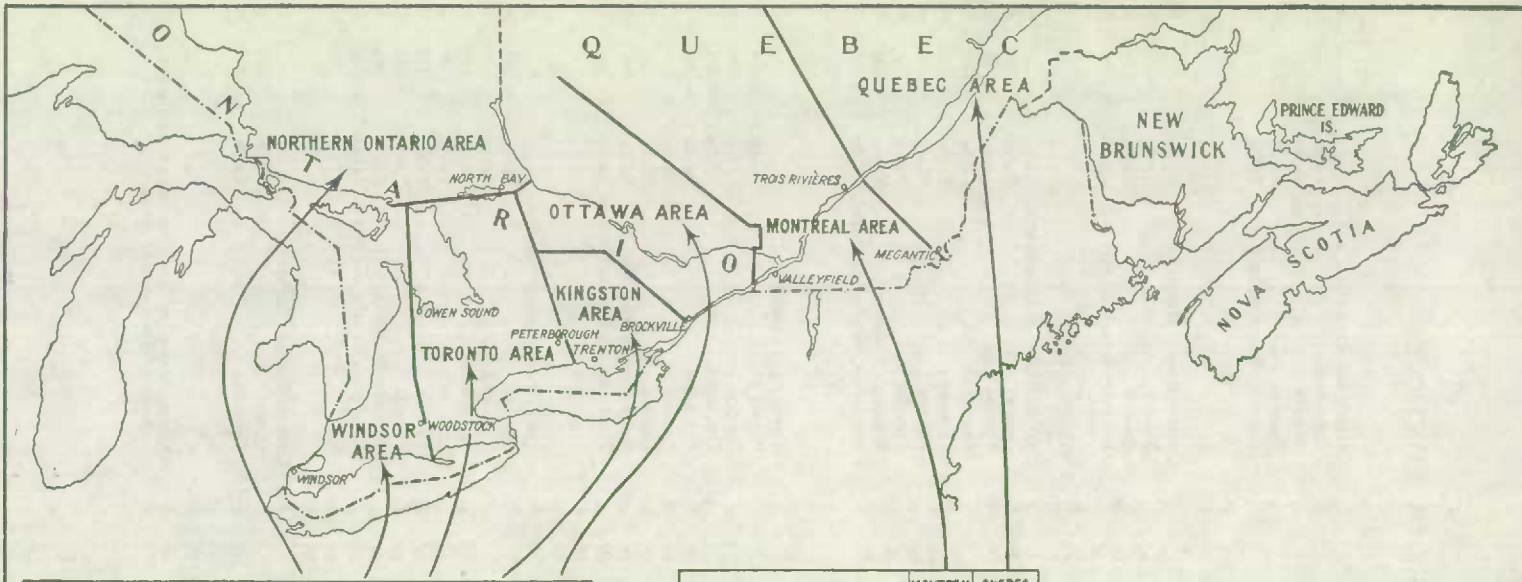
(3) PUBLICATIONS ON COAL

The Dominion Bureau of Statistics 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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	N. ONTARIO	WINDSOR	TORONTO	KINGSTON	OTTAWA
ANTHRACITE					
GREAT BRITAIN .. Imported direct	-	-	-	-	-
Received ex-Montreal	-	-	-	-	6,104
UNITED STATES .. Imported direct	20,142	169,899	1,593,320	69,142	161,074
TOTAL	20,142	169,899	1,593,320	69,142	167,178
BITUMINOUS					
UNITED STATES .. Received ex-Montreal	3,479,298	3,066,998	6,519,710	\$12,052	1,132,087
NOVA SCOTIA .. Received ex-mines				37	
Received ex-Mines				322,698	
NEW BRUNSWICK .. Received ex-mines					
ALBERTA .. Received ex-mines					
BRITISH COLUMBIA .. Received ex-mines					
LIGNITE					
SASKATCHEWAN ..					
ALBERTA ..					

* Also includes some coal trans-shipped from Saint John, New Brunswick.

	MONTREAL	QUEBEC
ANTHRACITE		
GREAT BRITAIN ..	1,599	-
UNITED STATES ..	1,234,587	61,414
TOTAL	1,235,186	61,414
BITUMINOUS		
GREAT BRITAIN ..	-	-
UNITED STATES ..	4,397,665	982,865
NOVA SCOTIA ..	212,663	
NEW BRUNSWICK ..	1,550	

* Includes some coal received ex-Saint John, N.B.

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

RECEIPTS OF COAL IN ONTARIO AND QUEBEC BY AREAS 1945 (Short Tons)

Scale of Miles

0 50 100 150 200

DOMINION BUREAU OF STATISTICS

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COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEAR 1945

CHAPTER ONE

CANADA

Coal production in Canada during 1945 totalled 16,506,713 tons, a decrease of 3 per cent from the 1944 output of 17,026,499 tons. Compared with 1944, production dropped 11 per cent in Nova Scotia and 20 per cent in British Columbia, but increased 5 per cent in New Brunswick, 12 per cent in Saskatchewan and 5 per cent in Alberta.

Production at underground mines in 1945 was affected by the labour shortage and by summer holidays, which are now standard throughout the industry, and also by a three-week strike in Western Canada, but these conditions were offset in Saskatchewan and Alberta through increased production from stripping operations and Alberta's production of 7,800,151 tons was the highest recorded in the history of the province.

Imports of coal amounting to 24,588,702 tons in 1945 showed a decrease of 15 per cent from the quantity of 28,926,925 tons imported in 1944. Exports amounted to 840,708 tons compared with 1,010,240 tons in 1944.

Coal made available for consumption in 1945 amounted to 40,254,707 tons, a decrease of 10 per cent from the quantity 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 adding production and imports and subtracting exports.

During 1945, Canadian coal mines employed 23,601 wage-earners and 1,700 salaried employees, compared with 23,885 wage-earners and 1,711 salaried employees in 1944. Salaries and wages paid in 1945 totalled \$49,431,965 compared with \$52,071,826 in the previous year.

Change in Classification of Canadian Coal

A change from previous years has been made in this report in the classification of Canadian coals, as the Dominion Bureau of Statistics is now using the classification adopted by the American Society for Testing Materials (A.S.T.M.). The new classification is the result of the joint work of United States and Canadian chemists, fuel technologists, geologists and others, and is an attempt to provide a uniform system of classification for coals on this continent.

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

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

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

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

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

Tables in this report which show comparative figures for earlier years have been adjusted to agree with the new classification, as, for example, Table 2, page 10, and certain tables in Chapter Nine.

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

Comparison of Old and New Classifications of Canadian Coals by Districts

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

				A.S.T.M. Rank*	
				(D 388-38)	
Classification prior to 1940	District	Group	Class	Anthracite	Bituminous
	Lignite or domestic				
Anthracite					
Bituminous					
Sub-bituminous					
Lignite or domestic					
NOVA SCOTIA					
NAME					
Bras d'Or.					
Colchester.					
Inverness.					
Joggins.					
New Campbellton†.					
Springhill.					
Stellarton.					
Sydney.					
Westville.					
NEW BRUNSWICK					
Gloucester‡.					
Minto.					
ONTARIO					
Onakawinna‡.					
SASKATCHEWAN					
Cypress Hills b.					
Estevan.					
Willow Bunch-Wood Mountain.					
BRITISH COLUMBIA					
Coalmont.					
Comox.					
Crownnest.					
Hat Creek.					
Kathlyn Lake‡.					
Nanaimo.					
Nicola.					
Peace River.					
Princeton.					
Telkwa.					
YUKON & N.W.T.					
Tantalus, Yuk.‡					
Great Bear Lake, N.W.T.					

Comparisons of Old and New Classifications of Canadian Coals by Districts (Conc.)

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

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

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

a Class not yet determined.

†Non-producing district at present.

b The Cypress Hills traverse the southwesterly portion of Coal District No. 3 in Saskatchewan and extend into the northerly portion of the Pakowki coal district in Alberta; there are no producing mines in the Cypress Hills in Saskatchewan.

c Coals from westerly portion of Halcourt district or area are classified as bituminous, and those from the easterly portion, as sub-bituminous.

Table 1.—Output of Coal from Canadian Mines, 1785-1945

Year	Short tons	Value	Average per ton	Year	Short tons	Value	Average per ton
			\$				\$
1785-1866.....	2,863,826	4,905,462	1.71	1907.....	10,511,426	24,381,842	2.32
1867.....	631,320	1,056,725	1.67	1908.....	10,886,311	25,194,573	2.31
1868.....	623,392	1,073,061	1.72	1909.....	10,501,475	24,781,236	2.36
1869.....	687,825	1,156,282	1.68	1910.....	12,909,152	30,909,779	2.39
1870.....	752,635	1,243,139	1.65	1911.....	11,323,388	26,467,646	2.34
1871.....				1912.....	14,512,829	36,019,044	2.48
1872.....	3,033,152	5,073,331	1.67	1913.....	15,012,178	37,334,940	2.49
1873.....				1914.....	13,637,529	33,471,801	2.45
1874.....	1,063,742	1,763,423	1.66	1915.....	12,287,023	32,111,182	2.42
1875.....	1,039,974	1,747,016	1.68	1916.....	14,483,395	38,817,481	2.68
1876.....	994,762	1,729,546	1.74	1917.....	14,046,759	35,199,831	3.08
1877.....	1,036,670	1,794,415	1.73	1918.....	14,977,926	55,192,806	3.68
1878.....	1,089,744	1,941,285	1.78	1919*	13,919,096	55,622,670	3.99
1879.....	1,128,497	2,050,630	1.82	1920*	16,946,764	82,406,538	4.85
1880.....	1,482,714	2,657,194	1.79	1921*	15,057,493	72,451,656	4.81
1881.....	1,537,106	2,688,821	1.78	1922*	15,157,431	65,518,497	4.32
1882.....	1,848,148	3,248,446	1.76	1923*	16,990,571	72,058,986	4.24
1883.....	1,818,684	3,109,635	1.71	1924*	13,639,197	53,593,988	3.93
1884.....	1,984,950	3,593,831	1.81	1925*	13,134,968	49,261,951	3.75
1885.....	1,920,077	3,417,807	1.78	1926*	16,478,131	59,875,094	3.63
1886.....	2,116,653	3,739,840	1.77	1927*	17,420,861	81,867,463	3.55
1887.....	2,429,330	4,388,206	1.81	1928*	17,594,293	83,757,833	3.63
1888.....	2,602,552	4,674,140	1.80	1929*	17,406,557	63,085,170	3.60
1889.....	2,658,303	4,884,287	1.84	1930*	14,881,324	52,849,748	3.55
1890.....	3,084,882	5,876,247	1.84	1931*	12,243,211	41,207,682	3.37
1891.....	3,577,749	7,019,425	1.86	1932*	11,738,913	37,117,665	3.14
1892.....	3,287,745	6,363,757	1.94	1933*	11,003,344	35,923,962	3.02
1893.....	3,783,499	7,359,090	1.95	1934*	13,810,193	42,045,942	3.04
1894.....	3,847,070	7,428,468	1.93	1935*	13,888,066	41,963,110	3.02
1895.....	3,478,344	6,739,153	1.94	1936*	15,229,182	45,791,934	3.00
1896.....	3,745,716	7,226,462	1.93	1937*	15,835,954	48,752,048	3.08
1897.....	3,788,107	7,303,597	1.93	1938*	14,294,718	43,982,171	3.08
1898.....	4,173,108	8,224,288	1.97	1939*	15,692,698	48,676,900	3.10
1899.....	4,925,051	10,283,497	2.09	1940*	17,566,884	54,675,844	3.11
1900.....	5,777,319	13,742,178	2.38	1941*	18,295,921	58,059,630	3.19
1901.....	6,486,325	12,899,243	1.96	1942*	18,865,030	62,897,581	3.33
1902.....	7,466,681	15,210,877	2.04	1943*	17,850,057	62,877,549	3.52
1903.....	7,960,384	15,042,832	2.00	1944*	17,026,499	70,433,169	4.14
1904.....	8,254,595	16,592,231	2.01	1945*	16,506,713	67,588,402	4.09
1905.....	8,867,948	17,520,263	2.02	Total.....	702,855,269	2,169,305,703	
1906.....	9,762,601	19,739,010	2.02				

*For the year 1919-1945 the tonnage shown is the total output from all mines; for previous years the tonnage shown includes only sales, colliery consumption and coal used by the operators.

Table 2.—*Output of Coal in Canada, by Grades, 1918-1945

Calendar year	Anthracite		Bituminous		Sub-Bituminous*		Lignite		Total	
	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value
1918.....	115,405	14,515,674				346,847		14,977,926	55,192,896	
1919.....	85,579	13,454,170				379,347		13,919,096	55,622,670	
1920.....	127,513	16,484,029				335,222		18,816,784	82,496,538	
1921.....	96,964	330,699	14,024,807	71,267,777		335,532	823,180	15,377,493	71,151,656	
1922.....	40,417	122,538	13,734,572	64,503,906		382,437	802,053	15,157,431	65,518,497	
1923.....	107	322	14,065,061	62,988,555	2,487,303	8,211,661	438,100	858,448	16,399,571	53,038,986
1924.....			10,478,532	44,323,988	2,680,547	8,383,332	479,118	866,668	13,638,118	53,593,988
1925.....			10,179,815	41,607,126	2,483,158	8,723,950	471,065	870,875	13,134,958	49,261,951
1926.....			13,544,837	52,125,037	2,493,691	6,930,252	439,803	819,805	18,478,130	59,875,934
1927.....			14,298,217	53,798,811	2,658,425	7,199,785	470,216	868,867	17,496,861	61,567,463
1928.....			14,509,272	55,741,531	2,583,305	7,184,811	471,713	831,491	17,564,291	63,737,833
1929.....			14,261,163	54,708,058	2,655,205	7,363,886	580,189	903,226	17,496,211	63,665,170
1930.....			11,974,851	45,577,900	2,327,049	6,302,895	579,424	968,863	14,881,324	52,449,749
1931.....			9,692,739	35,581,558	1,886,337	4,677,068	684,142	949,056	12,243,211	47,207,683
1932.....			8,666,277	30,636,270	2,183,945	5,248,292	888,091	1,233,133	11,738,813	37,117,695
1933.....			8,875,309	30,072,157	2,096,506	4,556,595	931,520	1,295,210	11,903,344	35,923,962
1934.....			10,914,405	36,568,356	1,982,357	4,227,504	913,401	1,259,082	13,810,193	42,015,942
1935.....			10,871,305	35,609,964	2,291,810	5,052,070	924,891	1,303,076	13,888,066	41,963,110
1936.....			11,717,648	38,736,380	2,486,713	5,582,349	1,024,821	1,473,205	15,229,182	45,732,048
1937.....			12,496,642	42,040,957	2,286,792	5,200,045	1,052,520	1,502,046	15,835,834	48,732,048
1938.....			11,164,742	37,714,195	2,105,794	4,881,900	1,024,182	1,386,076	14,291,718	43,982,171
1939.....			12,014,236	42,442,382	2,117,324	4,975,636	981,138	1,255,972	15,692,689	48,676,990
1940.....			14,262,922	47,921,227	2,204,748	5,342,040	1,099,214	1,412,577	17,566,884	51,675,844
1941.....			14,531,862	50,088,519	2,370,050	5,254,222	1,324,009	1,716,889	18,225,921	58,059,630
1942.....			14,822,230	53,423,090	2,740,419	7,710,603	1,302,381	1,763,825	18,865,030	62,887,581
1943.....			13,358,664	51,798,096	2,833,422	8,043,340	1,066,971	2,435,213	17,839,072	57,737,519
1944.....			12,988,324	50,303,397	2,665,405	9,094,858	1,372,768	2,034,914	17,026,499	20,433,169
1945.....			11,774,164	54,689,261	3,199,554	10,572,050	1,532,095	2,327,082	16,506,713	47,588,402

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

Table 3.—Output and Value of Coal in Canada, by Kinds and by Provinces,
1944 and 1945
(Short tons)

Province	1944			1945		
	Number of mines	Quantity	Value	Number of mines	Quantity	Value
Nova Scotia (Bituminous).....	37	5,745,671	30,728,535	38	5,112,615	28,350,278
New Brunswick (Bituminous).....	32	345,123	1,845,277	29	361,184	2,021,806
Manitoba (Lignite).....						
Saskatchewan (Lignite)	91	1,372,766	2,034,914	79	1,532,995	2,327,082
Alberta—						
Bituminous	39	4,763,303	17,720,079	37	4,600,597	17,179,318
Sub-bituminous.....	164	2,665,405	9,094,858	102	3,199,554	10,572,059
Total.....	203	7,428,708	26,814,937	199	7,800,151	27,751,377
British Columbia (Bituminous).....	31	2,134,231	9,009,506	28	1,699,768	7,137,859
Yukon (Bituminous).....						
Canada—						
Bituminous.....	139	12,988,328	59,303,397	132	11,774,161	54,689,261
Sub-bituminous.....	161	2,663,405	9,094,858	162	3,199,554	10,572,059
Lignite	91	1,372,766	2,034,914	79	1,532,995	2,327,082
Total.....	391	17,026,499	70,433,169	373	16,506,713	67,588,402

Table 4.—Output of Coal from Canadian Mines, by Months, 1941-1945
(Short tons)

Month	1941	1942	1943	1944	1945
January.....	1,777,863	1,919,264	1,559,304	1,626,068	1,691,066
February.....	1,501,970	1,712,029	1,578,404	1,454,814	1,504,759
March.....	1,546,559	1,610,242	1,688,463	1,546,446	1,460,398
April.....	1,232,802	1,523,885	1,387,020	1,236,200	1,321,063
May.....	1,222,976	1,316,863	1,318,099	1,290,481	1,201,274
June.....	1,179,578	1,386,453	1,365,003	1,233,251	1,277,840
July.....	1,214,319	1,497,197	1,387,654	1,168,859	1,092,203
August.....	1,404,335	1,468,448	1,441,577	1,379,044	1,199,078
September.....	1,599,014	1,469,691	1,463,498	1,391,475	1,187,429
October.....	1,903,605	1,574,871	1,569,411	1,528,291	1,217,034
November.....	1,828,937	1,646,387	1,472,424	1,638,628	1,790,504
December.....	1,813,963	1,739,700	1,627,210	1,533,142	1,555,065
Total.....	18,225,921	18,865,036	17,859,057	17,026,499	16,506,713

Table 5.—Output and Value of Coal in Canada, by Kinds and by Months, 1945

Month	Bituminous		Sub-Bituminous		Lignite		Total	
	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value
		\$		\$		\$		\$
January.....	1,141,306	5,172,653	345,862	1,156,250	203,838	314,397	1,691,066	6,643,300
February.....	1,057,980	4,763,150	297,309	989,521	149,410	227,271	1,504,759	5,979,912
March.....	1,120,268	5,146,348	236,735	794,444	112,395	162,712	1,469,398	6,103,505
April.....	1,043,974	4,760,445	185,690	626,282	91,399	128,662	1,321,063	5,515,389
May.....	963,528	4,508,336	158,495	541,601	79,251	110,333	1,201,274	5,160,220
June.....	1,038,050	4,828,080	195,083	687,877	44,707	62,572	1,277,840	5,578,509
July.....	893,923	4,043,902	153,334	509,467	44,946	65,901	1,092,203	4,619,360
August.....	881,665	4,064,325	264,223	911,166	53,190	78,997	1,199,078	5,654,488
September.....	863,321	4,143,400	218,157	734,405	105,951	161,730	1,187,429	5,039,593
October.....	740,317	3,831,044	256,372	771,338	220,345	332,023	1,217,034	4,355,365
November.....	1,088,102	5,138,666	478,316	1,512,295	224,086	342,074	1,790,504	6,993,035
December.....	941,670	4,287,881	409,918	1,337,413	203,477	340,410	1,555,065	5,965,704
Total.....	11,774,164	54,689,261	3,199,554	10,572,059	1,532,995	2,327,882	16,506,713	67,588,402

Table 6.—Tonnage Lost in the Coal Mines of Canada, in 1944 and 1945 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.....	1944	76	24	19.0	0.1	.....	1.4	3.5
	1945	72	28	21.1	0.1	0.1	1.1	5.6
NEW BRUNSWICK.....	1944	85	15	7.4	.....	0.1	1.6	5.9
	1945	87	13	6.6	0.3	0.4	1.0	4.7
MANITOBA.....	1944	.....	.....	.....	.....	.....	.....	.....
	1945	.....	.....	.....	.....	.....	.....	.....
SASKATCHEWAN.....	1944	82	18	0.2	16.4	.....	0.4	1.0
	1945	84	16	0.3	14.4	.....	0.2	1.1
ALBERTA.....	1944	82	18	5.6	5.4	3.5	0.7	2.8
	1945	85	15	7.0	2.2	1.1	1.0	3.7
BRITISH COLUMBIA.....	1944	85	15	10.6	0.2	0.6	0.3	3.3
	1945	83	17	10.6	0.3	0.8	0.3	5.0
Canada.....	1944	80	20	10.7	3.7	1.6	0.9	3.1
	1945	80	20	12.0	2.4	0.5	0.9	4.2

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 1945

Month	Per cent produced	Per cent lost	Percentage lost through:				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
January.....	86	14	9.1	0.5	0.7	1.1	2.6
February.....	83	17	10.2	1.6	1.4	0.9	2.9
March.....	80	20	10.4	6.3	0.5	0.3	2.5
April.....	80	20	12.3	4.4	0.2	0.9	2.2
May.....	77	23	13.0	2.3	0.4	1.3	6.0
June.....	79	21	13.7	4.1	.....	0.2	3.0
July.....	73	27	14.3	3.2	0.1	0.6	8.8
August.....	74	26	15.0	3.2	0.3	0.9	6.6
September.....	80	20	13.3	2.5	0.5	1.3	2.4
October.....	85	15	11.5	0.1	0.2	1.4	1.8
November.....	87	13	8.3	0.2	1.4	1.0	2.1
December.....	80	20	8.8	0.1	0.6	0.7	9.8
Average.....	80	20	12.0	2.4	0.5	0.9	4.2

Table 8.—Disposition of Coal from Canadian Mines, 1944 and 1945

	1944			1945						Average value per ton
	Total coal	Total value	Average value per ton	Run-of-mine	Cobble and Lump	Nut and other grades	Slack	Total coal	Total value	
	Tons	\$	\$	Tons	Tons	Tons	Tons	Tons	\$	
Supplied to employees for domestic consumption.....	244,315	930,393	3.81	182,091	55,963	8,101	9,618	255,773	1,015,958	3.97
Used for power purposes—										
(a) Shops.....	50,711	257,910	5.08	1,017	668	21,257	25,815	48,757	273,992	5.61
(b) Colliery boilers.....	479,199	1,425,369	2.97	118,539	4,045	63,518	272,698	458,798	1,388,675	3.02
(c) Companies' railroads.....	53,517	215,844	4.03	24,710	6,858	6,831	9,672	48,071	192,587	4.00
(d) Harbour tugs and dredges.....	1,633	5,897	3.61	1,683	.....	.....	.....	1,683	5,935	3.52
Shipped. (See Table 10)—										
(a) Ships' bunkers.....	205,041	.....	.....	112,282	23,994	7,909	40,137	184,322	.....	.....
(b) Railroads.....	4,045,911	68,127,127	4.30	3,319,092	259,071	47,305	115,011	3,740,479	63,231,288	4.25
(c) Other.....	11,122,819	.....	.....	914,301	3,997,869	2,208,349	3,809,242	10,929,761	.....	.....
Used in making coke at colliery.....	228,251	704,748	3.09	.....	.....	.....	164,885	164,885	533,139	3.23
Used in making briquettes.....	239,051	851,233	3.55	.....	.....	.....	235,998	235,998	836,607	3.54
Put on bank.....	1,221,998	3,977,608	3.25	69,821	26,172	31,344	1,067,248	1,194,585	3,790,541	3.17
Put on waste heap.....	387,002	.....	.....	.....	.....	.....	370,002	.....	.....	.....
Total disposition.....	18,280,008	74,495,929	4.06	4,743,536	4,374,640	2,394,612	5,750,324	17,633,204	71,268,722	4.04
Lifted from bank.....	1,244,794	4,062,760	3.26	49,865	40,728	25,559	1,009,539	1,125,691	3,680,326	3.26
Lifted from waste heap.....	8,715	.....	.....	.....	.....	.....	800	.....	.....	.....
Total output.....	17,026,499	70,433,169	4.14	4,693,671	4,333,912	2,369,053	4,740,785	16,506,713	67,588,402	4.09

Table 9.—Disposition of Coal from Canadian Mines, by Provinces, 1945

(Short tons)

	Nova Scotia	New Brunswick	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
Supplied to employees for domestic consumption.....	171,091	4,011	.....	12,126	54,238	14,309	255,773
Coal shipped. (See Table 10).....	4,616,827	342,191	.....	1,471,497	7,043,827	1,380,420	14,834,562
Used under colliery boilers, etc.....	222,011	14,565	.....	21,104	179,323	21,795	458,798
Used by companies' railroads.....	33,922	935	.....	7,173	1,425	4,616	48,071
Used for manufacture of coke at colliery....	6	.....	.....	.....	64,280	100,599	164,885
Used in making briquettes.....	48,757	.....	.....	235,998	.....	.....	235,998
Used in shops, etc.....	.....	.....	.....	.....	.....	.....	48,757
Used by harbour tugs and dredges.....	1,683	.....	.....	.....	.....	.....	1,683
Put on bank.....	1,058,147	11,154	.....	20,821	84,647	20,016	1,194,585
Put on waste heap.....	309	.....	.....	22,256	168,801	178,726	370,092
Total disposition.....	6,152,244	373,165	.....	1,554,777	7,832,337	1,720,481	17,633,204
Lifted from bank.....	1,039,829	11,981	.....	21,782	31,386	20,713	1,125,691
Lifted from waste heap.....	800	.....	.....	800	.....	.....	800
Total output.....	5,112,615	361,184	.....	1,532,995	7,800,151	1,699,768	16,506,713

Table 10.—Shipments of Coal from Canadian Mines, by Grades and Destinations,
1944 and 1945
(Short tons)

Destination	1944					1945					
	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	1,911	86,090	11,154	33,573	132,728	2,030	80,509	6,279	32,902	121,720	
Nova Scotia	115,608	866,940	76,805	1,359,430	2,421,783	129,408	843,688	83,720	1,281,010	2,337,826	
New Brunswick	203,732	355,413	34,161	549,428	1,112,734	162,414	340,687	26,054	519,501	1,048,656	
Quebec	5,767	63,778	15,365	389,157	471,067	2,347	38,940	19,151	143,072	283,510	
Ontario		4,709	21,057		855	26,621	486	117,420	140,983	26,167	295,956
Manitoba	16,172	407,830	421,779	533,028	1,378,809	17,947	435,792	470,686	567,888	1,392,313	
Saskatchewan	80,497	750,176	581,597	390,556	1,802,736	75,307	831,191	605,905	308,828	1,911,231	
Alberta	283,255	543,979	294,046	283,833	1,403,113	350,746	582,305	311,469	267,584	1,512,104	
British Columbia	226,205	470,809	403,584	395,619	1,496,217	87,706	463,270	473,715	390,298	1,414,989	
Yukon											
Northwest Territories											
Total domestic shipments	936,057	3,549,724	1,850,548	3,035,479	10,280,808	828,391	3,733,802	2,137,962	3,627,250	10,327,405	
Railroads —											
In Canada	3,585,756	288,600	21,451	78,591	3,974,488	3,296,801	208,854	46,344	88,077	3,640,076	
In United States	20,163	91		281	20,535	17,664		961	26,934	45,539	
In Newfoundland		50,888			50,888	4,627	50,217			54,844	
Ships' bunkers	97,297	9,700		69,400	176,457	91,888	23,984	7,909	40,137	163,928	
Ships' bunkers via United States	28,584				28,584	20,394				20,384	
Total railroads and ships' bunkers	3,731,800	349,369	21,451	148,332	4,250,952	3,431,374	283,065	55,214	155,148	3,924,801	
Greenland		654			654						
United States	83,244	67,801	103,817	244,027	498,889	40,785	78,763	70,351	120,527	319,426	
Alaska		11,636	3,530		15,166						
Newfoundland	20,055	226,731		65,197	311,983	43,405	177,560		30	49,421	
St. Pierre		8,906			8,996	1,720	7,744			9,461	
Chile											
Japan		5,405		918	6,323				3,044	3,044	
Lost at sea											
Total external shipments	103,299	321,223	107,347	310,142	842,011	85,910	264,067	70,387	181,992	682,356	
Total	4,771,156	1,220,316	1,988,346	4,393,353	15,373,771	1,315,675	4,280,834	2,263,563	3,961,390	14,851,562	

Table 11.—Exports of Canadian Coal, 1873-1945
(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	10,961,399
1876	248,638		1900	1,787,777		1924	1,773,240	4,836,848
1877	301,317		1901	1,573,661		1925	785,910	4,329,173
1878	327,059		1902	2,090,268		1926	1,028,200	5,739,436
1879	300,648		1903	1,954,629		1927	1,113,330	5,380,259
1880	432,188		1904	1,557,412		1928	863,941	4,469,999
1881	395,382		1905	1,635,287		1929	842,472	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	1,729,833		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	309,335	1,400,978
1887	580,955		1911	1,500,639		1935	418,391	1,906,647
1888	588,627		1912	2,127,133		1936	411,574	1,792,554
1889	665,315		1913	1,562,020	3,951,351	1937	355,268	1,441,870
1890	724,486		1914	1,423,126	3,780,175	1938	353,181	1,540,990
1891	971,259		1915	1,766,543	5,400,058	1939	376,203	1,666,934
1892	823,733		1916	2,135,359	7,099,887	1940	504,898	2,361,551
1893	960,312		1917	1,733,156	7,387,192	1941	531,449	2,596,628
1894	1,103,094		1918	1,817,195	9,405,423	1942	815,585	4,278,345
1895	1,011,235		1919	2,070,050	12,438,885	1943	1,110,101	5,428,362
1896	1,100,661		1920	2,558,174	18,014,899	1944	1,010,240	5,984,827
						1945	840,708	5,303,543
						Total	75,429,635	

Table 12.—Exports of Canadian Coal from Eastern and Western Canada, 1941-1945
(Short tons)

—	1941	1942	1943	1944	1945
Eastern Canada.....	355,662	505,578	496,962	495,175	480,493
Western Canada.....	175,787	310,007	613,130	515,065	380,215
Total.....	531,449	815,585	1,110,101	1,010,240	840,708

Table 13.—Exports of Canadian Coal, by Destinations, 1944 and 1945
(Compiled in the *External Trade Branch*)

Destination	1944		1945	
	Short tons	Value	Short tons	Value
Newfoundland.....	372,372	\$ 2,670,984	339,442	\$ 2,594,678
Greenland.....	654	5,548	10	366
St. Pierre and Miquelon.....	6,028	52,910	8,094	64,917
United States.....	630,456	3,254,335	493,120	2,642,849
Alaska.....	130	1,050	42	733
Total.....	1,010,240	5,984,827	840,708	5,383,545

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	
7062	586	Large		6"	Large	4½"		Broken	4½"	3½"
		Machine made Cobbles	4"	2½"	Cobbles	4½"	3"	Furnace Egg	3½"	2 7/16"
		Screened Cobbles French Nuts	3"	2½"	Trebles	3"	2"	Stove	2 7/16"	1½"
		Stove Nuts	1½"	1"	Doubles	2"	1½"	Chestnut	1½"	13/16"
7063	586	Pea Nuts Beans	1½"	1"				Pea	13/16"	9/16"
		Peas	1"	1"	Beans	1" or 1½"	1"	No. 1 Buckwheat No. 2 " (Rice)	9/16" 5/16" 3/16"	
		Grains Rubby Culm (See Note 1)	1½"	1"				No. 3 (Barley)	3/16"	3/32"
7061	588	Duff	1"		Duff	1" or 1½"				

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

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

		Correspondence with Canadian Import Co. Ltd., Nov. 19, 1938.			Colliery Guardian, May 1, 1938.			Report by Yves Lamontagne (Can. Government Trade Commissioner), July 10, 1937.		
Customs Compilation Statistical Code No.	Tariff Item	Morocco			Russia			Belgium		
		Exporter's Designation	Size—mm.		Exporter's Designation	Size—mm.		Exporter's Designation	Size—mm.	
7062	586	Cobbles	Through	Over	Large best selected Cobbles A. 3	125	125	Cribles	120	120
							87		Gaillettes	80
		Nuts I	80	60	Cobbles A. 2	87	62			50
					Cobbles A. 2'	90	50	Gailleteries	80	50
		Nuts III	30	22	Stove A. 1	62	22		Gailleteries	30
					French Nuts A. 1	50	25			22
					Stove Nuts A. 1'	40	20	Braisettes	35	22
		Nuts IV	22	12	Stove Nuts A.M.O.	30	15	Braisettes	22	10
					Beans A.M.	25	12	Braisettes		5
					Peas A.S.	15	6	Braisettes		5
7063	586	Nuts IV B	12	8	Rubby Culm R.K.	25	12	Grains laves	10	1
				5						
					Breaker Duff A.S.T.	6				
7061	588	Dust	8		Billy Duff A.S.T.	6		Grains laves	5	1

Equivalents in Inches of Millimeter Sizes						
Millimetres	Inches	Millimeters	Inches	Millimeters	Inches	
125	4-15/16	40	1-37/64	14	35/64	
120	4-47/64	35	1-3/8	12	15/32	
90	3-35/64	30	1-3/16	10	25/64	
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. *Rubby Culm* is the nutty small passing through the longitudinal bars spaced 11¹/₂" 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" 1925-1945

(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	59,759,665
1927	4,107,854	31,282,371	14,568,671	30,457,884	10,829	44,254	18,687,354	61,781,509
1928	3,748,818	27,680,018	13,445,945	26,608,427	10,780	44,247	17,295,541	54,332,692
1929	4,019,917	28,809,792	14,170,138	27,140,968	14,108	62,508	18,204,163	56,013,269
1930	4,256,090	30,088,910	14,497,955	26,522,765	18,676	72,691	18,372,721	56,684,364
1931	3,162,317	21,067,025	9,952,280	15,732,710	6,410	29,603	13,121,067	36,829,338
1932	3,148,902	19,312,710	8,807,131	12,011,398	3,004	13,701	11,959,037	31,337,809
1933	3,015,571	17,610,091	8,185,759	10,501,924	2,707	10,176	11,204,037	28,122,191
1934	3,500,563	18,414,060	9,471,605	16,641,659	2,701	9,661	12,974,958	35,065,380
1935	3,442,835	17,445,102	8,630,686	15,867,107	5,246	19,040	12,078,767	33,331,249
1936	3,418,556	17,897,635	9,700,002	17,039,408	4,873	18,347	13,123,431	34,935,399
1937	3,488,278	17,317,449	11,180,827	20,835,587	1,494	5,582	14,670,589	38,158,618
1938	3,475,801	18,079,657	9,533,729	17,734,567	2,961	11,690	13,012,491	35,885,914
1939	4,288,461	21,938,333	10,708,788	19,628,410	3,398	11,942	14,998,645	41,578,685
1940	3,944,255	23,193,417	13,479,986	26,499,046	2,493	7,669	17,426,731	49,630,132
1941	3,853,010	24,026,095	16,534,449	37,558,900	934	3,046	20,358,393	61,588,041
1942	4,011,625	31,506,629	20,025,453	50,343,442	239	1,148	24,937,317	81,651,219
1943	4,480,285	30,918,555	23,628,300	70,325,413	337	1,487	28,108,922	101,245,455
1944	4,452,991	33,417,900	24,270,692	79,718,988	171	1,038	28,723,854	113,138,016
1945	3,412,739	27,568,309	21,648,350	74,801,376	467	2,229	25,861,556	102,431,747

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

* Do not include 142,435 tons of coal and coke briquettes imported in 1945. Prior to 1945 imports of briquettes not reported separately and included with imports of coal.

Table 16.—Imports of Coal into Canada by Countries, by Grades and by Provinces, 1944 and 1945

(Short tons)

Destination	1944					1945*				
	Anthracite			Bitu-	Lignite	Anthracite			Bitu-	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	34,130	215	4,255			224			1,692	
New Brunswick	20,645	3,500	35,316						20,284	
Quebec	31,950	37,563	31,261						6,182	
Central Ontario		1,699	8,977							6
British Columbia										
Canada	95,725	42,977	79,869			224			28,158	6
FROM UNITED STATES										
Prince Edward Is.	4,306			127		3,323				133
Nova Scotia	20,182		6,541	89,509		26,744		2,211	107,681	
New Brunswick	44,496		4,727	40,541		33,132		1,854	46,494	
Quebec	846,341	26,746	700,288	5,878,445		698,339	18,835	582,222	4,888,239	
Central Ontario	2,087,821	2,879	420,844	15,654,502		1,671,671	1,346	334,191	14,230,472	216
Head of Lakes	4,314		3,472	2,831,361		2,974			1,873,850	
Manitoba	4,762	44	4,917	16,255		464	48	5,666	20,397	
Saskatchewan				556		1			642	35
Alberta		4		935		1			1,221	17
British Columbia	52	10		1,238	171				1,676	199
Yukon										
Canada	3,018,274	29,683	1,146,759	24,513,527	171	2,436,669	20,229	926,144	21,176,845	467

* Do not include coal and coke briquettes imported in 1945 as follows: New Brunswick 84 tons, Quebec 20,349 tons, Central Ontario 83,678 tons, Head of Lakes 3,594 tons, Manitoba 34,730 tons, Canada total 142,435 tons. Prior to 1945 imports of briquettes not reported separately.

Table 17.—†Imports of Coal into Eastern and Western Canada, 1944 and 1945
(Short tons)

Destination	Anthracite				Bituminous	Lignite	Total all grades
	Grate, egg, stove, nut, doubles, cobbles and trebles	Screenings or dust	Peas, beans and smaller sizes, n.o.p.	Total anthracite			
1944							
EASTERN CANADA—							
United States.....	3,009,146	29,625	1,138,370	4,177,141	21,663,184	.....	25,940,325
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	.....	26,058,836
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	28,936,925
1945							
EASTERN CANADA—							
United States.....	2,433,209	20,181	920,478	3,373,868	19,279,019	216	22,653,163
Great Britain.....	224	.....	28,158	28,382	.....	.....	28,382
Total.....	2,433,433	20,181	948,636	3,402,250	19,279,019	216	22,681,485
WESTERN CANADA*—							
United States.....	3,460	48	5,666	9,174	1,897,786	251	1,907,211
Great Britain.....	.....	.....	.....	6	.....	.....	6
Total.....	3,460	48	5,666	9,174	1,897,792	251	1,907,217
Canada—							
United States.....	2,436,669	20,229	926,144	3,383,042	21,176,805	467	24,560,314
Great Britain.....	224	.....	28,158	28,382	6	.....	28,388
Total.....	2,436,893	20,229	951,302	3,411,424	21,176,811	467	24,588,702

*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.

† Imports of coal and coke briquettes not included in 1945. See footnote, tables 15 and 16.

Table 18.—*Imports of Anthracite, Bituminous and Lignite Coal into Canada, by Months, 1944 and 1945

(Short tons)

Month	1944				1945			
	United States	Great Britain	Other countries	Total	United States	Great Britain	Other countries	Total
ANTHRACITE—								
January.....	300,396	12,241	.....	312,637	229,547	7,965	.....	237,512
February.....	327,408	32,321	.....	359,729	220,233	.....	.....	220,233
March.....	345,846	29,335	.....	375,181	310,157	8,627	.....	318,784
April.....	288,363	13,213	.....	301,576	311,589	.....	.....	311,589
May.....	330,103	.....	.....	330,103	170,363	571	.....	170,934
June.....	354,404	3,400	.....	357,804	270,409	2,805	.....	273,214
July.....	343,068	37,043	.....	380,111	330,643	.....	.....	339,613
August.....	376,553	31,177	.....	407,730	294,391	.....	.....	294,391
September.....	387,100	19,002	.....	406,102	291,229	.....	.....	291,229
October.....	421,636	16,918	.....	438,554	339,036	2,806	.....	341,842
November.....	406,502	13,269	.....	419,771	299,394	.....	.....	299,394
December.....	313,337	10,592	.....	323,929	307,051	5,608	.....	312,659
Total.....	4,194,716	218,511	.....	4,413,227	3,383,042	28,382	.....	3,411,424
BITUMINOUS—								
January.....	868,963	.....	.....	868,963	558,668	.....	.....	558,668
February.....	769,654	.....	.....	769,654	543,166	.....	.....	543,166
March.....	1,007,598	.....	.....	1,007,598	602,793	.....	.....	602,793
April.....	1,399,119	.....	.....	1,399,119	990,310	.....	.....	990,310
May.....	2,652,850	.....	.....	2,652,850	2,275,470	.....	.....	2,275,470
June.....	2,799,509	.....	.....	2,799,509	2,512,113	.....	.....	2,512,113
July.....	2,860,785	.....	.....	2,860,785	2,647,594	.....	.....	2,617,594
August.....	3,098,426	.....	.....	3,098,426	2,496,399	.....	.....	2,496,399
September.....	2,986,735	.....	.....	2,986,735	2,519,156	.....	.....	2,519,156
October.....	2,772,650	.....	.....	2,772,650	2,302,156	.....	.....	2,302,156
November.....	2,190,743	.....	.....	2,190,743	1,954,263	6	.....	1,954,263
December.....	1,106,495	.....	.....	1,106,495	1,774,717	.....	.....	1,774,717
Total.....	24,513,527	.....	.....	24,513,527	21,176,805	6	.....	21,176,811
LIGNITE—								
January.....	.....	.....	.....	.....	.....	.....	.....	.....
February.....	21	.....	.....	21	46	.....	.....	46
March.....	40	.....	.....	40	31	.....	.....	31
April.....	.....	.....	.....	.....	40	.....	.....	46
May.....	22	.....	.....	22	.....	.....	.....	.....
June.....	.....	.....	.....	.....	76	.....	.....	76
July.....	.....	.....	.....	.....	216	.....	.....	216
August.....	.....	.....	.....	.....	.....	.....	.....	.....
September.....	.....	.....	.....	.....	.....	.....	.....	.....
October.....	42	.....	.....	42	38	.....	.....	35
November.....	.....	.....	.....	.....	17	.....	.....	17
December.....	46	.....	.....	46	.....	.....	.....	.....
Total.....	171	.....	.....	171	467	.....	.....	467

* Imports of coal and coke briquettes not included in 1945. See footnotes, tables 15 and 16.

Table 19.—Average Imports of Coal into Quebec and Ontario, by Areas, for the Five Years, 1941-1945

(Short tons)

Area	Total anthracite	Total bituminous	Total lignite	Total all grades
Quebec.....	76,851	595,900	.....	672,751
Montreal.....	1,499,401	4,292,989	.....	5,792,330
Ottawa.....	187,005	1,004,829	.....	1,191,834
Kingston.....	83,959	265,756	.....	349,715
Toronto.....	1,919,569	7,168,349	56	9,087,974
Windsor.....	224,901	3,745,634	.....	3,970,535
Northern Ontario.....	28,000	2,501,634	.....	2,589,634
Western Ontario.....	9,938	1,985,053	.....	1,994,991
Total.....	4,829,624	21,620,144	56	25,619,824

Table 20.—Average Imports of Coal into Canada, by Kinds and by Provinces, for the Five Years, 1941-1945

(Short tons)

Destination	Total anthracite	Total bituminous	Total Lignite	Total all grades
Prince Edward Island.....	3,469	119	.....	3,588
Nova Scotia.....	67,048	64,279	.....	131,327
New Brunswick.....	96,228	32,167	.....	128,395
Quebec.....	1,582,033	4,890,446	.....	6,472,479
Ontario.....	2,447,591	16,729,698	56	19,177,345
Manitoba.....	8,749	31,707	27	40,483
Saskatchewan.....	.....	675	86	761
Alberta.....	10	1,002	0	1,018
British Columbia.....	82	1,546	255	1,883
Yukon.....	.....	3	.....	3
Canada.....	4,285,210	21,751,642	430	25,957,282

Table 21.—Coal Made Available for Consumption in Canada, 1944 and 1945
(Short tons)

Month	1944				1945*			
	Output	Imports	Exports	Coal made available for use	Output	Imports	Exports	Coal made available for use
January.....	1,626,068	1,191,600	74,717	2,732,951	1,691,066	796,180	75,566	2,411,680
February.....	1,454,614	1,129,404	97,812	2,480,206	1,504,759	763,445	72,203	2,196,001
March.....	1,546,446	1,382,819	79,413	2,849,852	1,469,398	921,608	79,138	2,311,868
April.....	1,236,200	1,700,695	56,582	2,880,313	1,321,063	1,301,945	80,026	2,542,982
May.....	1,290,481	2,982,975	123,926	4,149,530	1,201,274	2,446,404	68,236	3,579,442
June.....	1,233,251	3,157,313	90,286	4,300,278	1,277,840	2,785,403	70,568	3,992,675
July.....	1,108,859	3,240,896	100,084	4,309,671	1,092,203	2,987,453	51,953	4,027,703
August.....	1,379,044	3,506,156	79,131	4,806,069	1,199,078	2,790,790	59,340	3,930,528
September.....	1,391,475	3,392,837	96,759	4,687,553	1,187,429	2,810,385	78,507	3,919,307
October.....	1,528,291	3,211,246	64,087	4,675,450	1,217,034	2,043,998	74,778	3,786,254
November.....	1,638,628	2,610,514	65,950	4,183,192	1,790,504	2,253,608	70,374	3,873,828
December.....	1,533,142	1,430,470	81,493	2,882,119	1,555,065	2,087,393	60,018	3,582,439
Total...	17,826,499	28,926,925	1,010,210	44,943,184	16,566,713	24,588,702	840,708	40,254,707

*Imports of coal and coke briquettes in 1945 not included. See footnotes, tables 15 and 16.

Table 22—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
NOWA SCOTIA—							
Anthracite.....					32,723	38,600	71,323
Bituminous.....	5,745,671	1,788,540	379,654		89,509		3,666,986
Total.....	5,745,671	1,788,540	379,654		122,232	38,600	3,738,309
NEW BRUNSWICK—							
Anthracite.....					49,223	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	89,764	68,461	1,525,242
QUEBEC—							
Anthracite.....					1,573,375	100,774	1,674,149
Bituminous.....	487,632				410	5,878,445	6,365,687
Sub-bituminous.....							
Total.....	487,632				410	7,451,820	100,774
ONTARIO—							
Anthracite.....					2,525,300	10,676	2,535,976
Bituminous.....	2,459				585	18,485,923	18,487,707
Sub-bituminous.....	7,538						7,538
Lignite.....	16,624						16,624
Total.....	26,021				585	21,011,223	10,676
MANITOBA AND HEAD OF LAKES—							
Anthracite.....					9,723		9,723
Bituminous.....	358,336				785	16,255	373,806
Sub-bituminous.....	293,078				126		293,078
Lignite.....	727,395						727,289
Total.....	1,378,809				911	25,978	1,403,876
SASKATCHEWAN—							
Bituminous.....	221,172				112	556	221,616
Sub-bituminous.....	1,016,407						1,016,407
Lignite.....	1,372,766	744,236		8,246			629,284
Total.....	1,372,766	1,237,579	744,236	8,358	556		1,858,307
ALBERTA—							
Anthracite.....						4	4
Bituminous.....	4,763,303	962,898		905	935		3,836,813
Sub-bituminous.....	2,665,405	1,496,158		1,740			1,167,507
Lignite.....		217					217
Total.....	7,428,708	26,595	2,449,056	2,645	939		5,004,541
BRITISH COLUMBIA—							
Anthracite.....					62		62
Bituminous.....	2,134,231	499,938	155,385	502,430	1,236		1,977,590
Sub-bituminous.....		179,135		721			178,414
Lignite.....					171		171
Total.....	2,134,231	679,073	155,385	503,151	1,469		2,156,237
YUKON—							
Bituminous.....							
Lignite.....							
Total.....							
CANADA—							
Anthracite.....					4,191,716	218,511	4,413,227
Bituminous.....	12,988,328	2,899,386	2,899,386	999,407	24,513,527		36,502,448
Sub-bituminous.....	2,665,405	1,496,158	1,496,158	2,461			2,662,944
Lignite.....	1,372,766	744,236	744,236	8,372	171		1,361,565
Total.....	17,026,499	5,139,780	5,139,780	1,010,210	28,708,414	218,511	44,943,184

* Direct imports into each province.

Table 23.—Summary Statistics for 1945—Output, Exports, Interprovincial Shipments, Imports* and Coal made Available for Consumption in Canada, by Provinces

(Short tons)

Province	Canadian coal				Im- ported from U.S.A.	Im- ported from Great Britain	Coal available for con- sumption
	Output	Re- ceived from other prov.	Shipped to other prov.	Ex- ported			
PRINCE EDWARD ISLAND—							
Anthracite.....					3,323		3,323
Bituminous.....	145,787				133		145,920
Total.....	145,787				3,456		149,243
NOVA SCOTIA—							
Anthracite.....					28,955	1,816	30,871
Bituminous.....	5,112,615		1,301,610	347,536	107,681		3,571,141
Total.....	5,112,615		1,301,610	347,536	130,036	1,916	3,602,012
NEW BRUNSWICK—							
Anthracite.....					34,986	20,284	55,270
Bituminous.....	361,184	943,289	1,707	111,817	46,494		1,237,443
Total.....	361,184	943,289	1,707	111,817	81,480	20,284	1,292,713
QUEBEC—							
Anthracite.....					1,299,396	6,182	1,305,573
Bituminous.....	214,213				4,888,239		5,101,312
Sub-bituminous.....							
Total.....	214,213				1,140	6,187,635	6,182
ONTARIO—							
Anthracite.....					2,010,182		2,010,182
Bituminous.....	49,697				127	16,110,322	16,159,892
Sub-bituminous.....	217,305						217,305
Lignite.....	18,091				2	216	18,305
Total.....	285,093				129	18,120,720	18,405,684
MANITOBA AND HEAD OF LAKES—							
Anthracite.....						6,198	6,198
Bituminous.....	378,925					912	308,410
Sub-bituminous.....	303,033					84	303,033
Lignite.....	810,355						810,271
Total.....	1,492,313					996	26,595
SASKATCHEWAN—							
Anthracite.....						1	1
Bituminous.....	208,255					642	208,159
Sub-bituminous.....	1,067,177						1,067,177
Lignite.....	1,532,995		828,793	16,542		35	688,695
Total.....	1,532,995	1,275,432	828,793	16,280		678	1,964,032
ALBERTA—							
Anthracite.....						1	1
Bituminous.....	4,600,597	19,685	1,007,623		584	1,221	3,523,296
Sub-bituminous.....	3,199,554		1,913,042	1,370			1,385,142
Lignite.....		347				17	364
Total.....	7,800,151	20,032	2,910,665	1,954		1,239	4,908,803
BRITISH COLUMBIA—							
Anthracite.....							
Bituminous.....	1,699,768	635,538	194,440	360,856		1,676	6,1,781,692
Sub-bituminous.....		225,527					225,527
Lignite.....						199	199
Total.....	1,699,768	861,065	194,440	360,856		1,875	6,2,007,418
YUKON—							
Bituminous.....							
Lignite.....							
Total.....							
CANADA—							
Anthracite.....						3,383,042	28,382
Bituminous.....	11,771,164	2,595,389	2,595,389	823,710	21,176,805		3,411,424
Sub-bituminous.....	3,199,554	1,813,042	1,813,042	1,370			3,2,127,265
Lignite.....	1,532,995	828,793	828,793	15,628		167	3,198,184
Total.....	16,506,713	5,237,224	5,237,224	840,708	24,560,314		1,517,834

* Direct imports into each province. See footnotes to tables 71 and 75 for interprovincial shipments of imported coal.

† Imports of coal and coke briquettes not included. See footnotes, tables 15 and 16.

Table 24.—Annual Consumption of Coal in Canada, 1902-1945

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	46.0	10,110,972	1.840
1903.....	6,005,735	47.3	6,520,931	184,593	6,678,450	52.7	12,684,185	2.245
1904.....	6,697,183	47.0	7,238,869	85,687	7,297,482	52.1	13,994,665	2.402
1905.....	7,032,661	49.4	7,233,738	68,500	7,215,446	50.6	14,248,107	2.374
1906.....	7,927,560	50.5	7,787,338	67,014	7,758,325	49.5	15,685,885	2.573
1907.....	8,617,352	45.0	10,588,697	54,325	10,549,503	55.0	19,160,855	2.990
1908.....	9,156,478	47.3	10,203,335	97,514	10,195,424	52.7	19,351,902	2.921
1909.....	8,913,376	47.0	9,805,253	87,671	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.....	9,822,740	40.5	14,510,129	49,963	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	14,637,853	33,101	14,637,920	54.5	26,852,323	3.408
1915.....	11,500,480	48.1	12,450,796	15,095	12,406,212	51.9	23,906,692	2.995
1916.....	12,348,036	41.3	17,576,202	4,401	17,517,820	58.7	29,865,856	3.733
1917.....	12,313,603	37.2	20,848,009	9,451	20,810,132	62.8	33,123,735	4.110
1918.....	13,160,731	37.8	21,674,826	3,781	21,611,101	62.2	34,771,832	4.265
1919.....	11,611,168	40.3	17,292,912	344	17,236,266	59.7	28,847,437	3.471
1920.....	14,025,566	42.9	18,752,981	.....	18,668,741	57.1	32,694,307	3.821
1921.....	12,715,734	41.1	18,300,081	1,591	18,258,387	58.9	30,974,121	3.525
1922.....	13,044,352	50.2	12,255,555	765,980	12,962,189	49.8	26,006,541	2.916
1923.....	15,070,982	41.8	20,417,239	572,570	20,967,971	58.2	36,038,933	4.000
1924.....	12,529,358	42.8	16,405,344	317,112	16,714,143	57.2	29,243,501	3.198
1925.....	12,125,290	42.6	15,744,957	604,117	16,331,971	57.4	28,457,261	3.062
1926.....	15,036,296	47.7	16,204,405	287,296	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.....	16,487,807	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.....	11,682,770	47.7	11,793,798	987,442	12,828,327	52.3	24,511,100	2.302
1932.....	11,212,701	49.0	9,889,866	1,727,716	11,654,492	51.0	22,867,193	2.177
1933.....	11,456,273	51.5	8,865,935	1,942,875	10,309,962	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	1,822,500	11,735,835	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.....	15,172,728	51.5	12,574,574	1,211,052	14,268,585	48.5	29,441,314	2.648
1938.....	13,800,094	52.3	10,834,912	1,257,887	12,573,872	47.6	26,373,966	2.365
1939.....	14,002,915	50.6	12,023,358	1,099,419	14,564,679	49.4	29,467,594	2.615
1940.....	16,666,234	49.5	15,509,778	1,514,458	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.....	15,600,808	35.7	27,948,008	218,511	28,166,201	64.3	43,827,009	3.659
1945.....	15,227,819	38.3	24,505,241	28,388	24,521,528	61.7	39,749,347	3.279

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

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

Imports of coal and coke briquettes in 1945 not included. See footnotes, tables 15 and 16.

Table 25.—Coke made Available for Consumption in Canada, with the Coal Equivalent of the Imported Coke, 1902-1945

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	561,316	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	501,042	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	656,878	.086
1909	862,011	661,425	74,067	1,449,369	1,017,576	.146
1910	902,715	737,088	57,971	1,581,832	1,133,980	.160
1911	935,651	751,389	9,852	1,677,188	1,155,982	.160
1912	1,411,226	628,174	57,744	1,981,659	906,420	.132
1913	1,531,499	723,906	68,235	2,188,170	1,113,700	.147
1914	1,023,860	553,016	67,838	1,509,068	850,830	.110
1915	1,170,473	637,857	35,809	1,772,461	981,317	.126
1916	1,460,741	757,116	48,539	2,178,318	1,164,793	.144
1917	1,245,862	970,106	23,595	2,192,373	1,492,469	.182
1918	1,250,744	1,165,590	29,612	2,386,722	1,793,213	.215
1919	1,675,032	383,374	14,709	2,043,697	580,805	.069
1920	1,709,203	586,406	39,536	2,255,073	902,162	.104
1921	1,403,999	228,030	20,907	1,671,122	350,815	.039
1922	1,232,646	336,270	19,831	1,548,085	517,338	.058
1923	1,668,298	733,604	34,407	2,367,495	1,128,620	.125
1924	1,430,912	521,725	23,144	1,935,493	802,053	.087
1925	1,546,739	852,427	25,578	2,373,588	1,311,405	.141
1926	2,027,058	988,034	41,699	2,973,393	1,520,051	.161
1927	2,026,438	772,335	74,109	2,724,584	1,188,053	.123
1928	2,314,127	1,060,029	25,058	3,349,088	1,630,812	.168
1929	2,677,581	1,226,853	25,208	3,879,226	1,887,460	.193
1930	2,385,994	1,081,049	29,801	3,417,233	1,632,368	.184
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	5,190	2,411,040	990,884	.093
1934	2,243,420	930,221	7,308	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	38,059	2,951,159	642,666	.058
1938	2,352,003	414,682	30,537	2,738,148	637,972	.056
1939	2,401,095	435,871	48,114	2,797,852	670,570	.059
1940	3,015,394	719,338	35,523	3,699,209	1,103,670	.097
1941	3,145,715	614,417	40,167	3,719,965	945,257	.082
1942	3,265,549	719,910	44,754	3,940,695	1,107,554	.095
1943	3,551,773	941,066	48,256	4,444,583	1,440,332	.122
1944	4,017,696	813,460	42,588	4,788,568	1,252,728	.104
1945	3,912,320	1,250,548	38,665	5,124,293	1,925,844	.158

†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)

	Coal				Coke from coal	Natural Gas (b)	Fuel and Gas Oils (c)	Gasoline Sales (d)	Kerosene (e)	Water Power					
	Bituminous		Lignite							Equiva-lent	Pounds of coal per kilo-watt hour (f)				
	Anthra-cite Im-ported*	Can-a-dian-t	Im-ported†	Can-a-dian-t	Im-ported*										
1927	4,108	12,183	14,059	3,757	11	772	855	2,314	2,104	360	12,908	1.84			
1928	3,749	12,709	12,750	3,799	11	1,060	903	2,667	2,797	367	13,821	1.76			
1929	4,020	12,485	13,690	3,902	14	1,227	1,135	3,205	3,475	328	14,620	1.69			
1930	4,256	10,649	14,137	3,404	19	1,061	1,175	3,189	3,366	295	14,219	1.62			
1931	3,162	8,822	9,660	2,861	6	668	1,055	2,996	3,219	291	12,461	1.55			
1932	3,149	7,806	8,503	3,407	3	611	937	2,837	2,896	341	11,667	1.60			
1933	3,016	8,128	7,791	3,328	3	589	928	3,012	2,803	265	12,670	1.47			
1934	3,501	10,051	9,148	3,185	3	810	926	3,176	3,091	267	15,289	1.47			
1935	3,443	9,783	8,288	3,523	5	633	906	3,228	3,316	194	18,801	1.46			
1936	3,419	10,683	9,296	3,826	5	642	1,125	3,366	3,608	195	18,210	1.46			
1937	3,488	11,515	10,779	3,658	1	472	1,288	3,572	4,154	167	18,479	1.42			
1938	3,476	10,366	9,095	3,434	3	362	1,338	3,718	4,408	172	18,240	1.40			
1939	4,288	11,548	10,273	3,355	3	512	1,407	4,015	4,869	223	19,364	1.38			
1940	3,944	13,103	13,089	3,503	2	670	1,649	4,782	5,106	182	19,929	1.34			
1941	3,853	13,250	16,172	3,978	1	660	1,740	5,539	5,667	184	22,025	1.33			
1942	4,912	13,250	19,017	4,476	.....	775	1,828	5,591	5,190	198	26,061	1.30		
1943	4,480	11,266	23,215	5,055	.....	921	1,771	5,622	5,303	239	28,733	1.30		
1944	4,453	11,215	23,713	4,446	.....	813	1,802	6,135	5,893	245	26,942	1.29		
1945	3,413	13,733	21,108	1,495	1	1,244	1,936	5,898	6,198	287	26,362	1.29			

*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 on 1 ton of coal=25 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.

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

(From the Bureau of Mines, Ottawa)

	Rough Average B.T.U. Values per Pound*	B.T.U. per Imperial Gallon
British Anthracite—		
Welsh.....	14,300	
Scotch.....	14,000	
Other (European and Asiatic) Anthracites—		
Westphalian.....	14,300	
Belgian.....	14,300	
Russian.....	13,500	
French Indo-China.....	13,200	
American (U.S.A.) Anthracites—		
Pennsylvania (stove size).....	13,200	
Pennsylvania (buckwheat).....	12,900	
U.S.A. Bituminous Coal—		
First Grade—7% Ash (for coke making).....	14,000	
Second Grade—10% Ash (for steam raising).....	13,000	
Canadian Coals—		
Bituminous, 1st grade }	14,000	
Bituminous, 2nd grade }	13,000	
Bituminous, 3rd grade }	(11,000 to 12,000)	
Sub-bituminous—Alberta and British Columbia.....	10,000 to 11,500	
Lignite-Domestic—Alberta and British Columbia.....	7,500 to 10,000	
Lignite—Saskatchewan.....	6,500 to 7,500	
Fuels—		
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, 1930-1945
 (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	4,846,629	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	3,547,160	16.134
1935.	63,983,127	3,903,540	16.391
1936.	70,218,433	4,151,667	16.913
1937.	73,058,030	4,285,395	17.048
1938.	70,138,704	4,010,725	17.458
1939.	79,391,714	4,371,179	18.163
1940.	93,585,791	5,121,671	18.270
1941.	119,226,172	6,445,677	18.497
1942.	128,438,970	7,060,392	18.192
1943.	139,176,913	7,655,328	18.990
1944.	145,741,150	7,926,430	18.513
1945.	140,977,872	7,525,372	18.733

* 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, 1930-1945
 (Compiled in the Transportation Branch)

Year	Anthracite		Bituminous		Total	
	Short tons	Value	Short tons	Value	Short tons	Value
1930.	7,062	\$ 33,249	8,251,167	\$ 36,292,562	8,258,229	\$ 36,325,811
1931.	3,336	14,763	6,838,772	29,681,134	6,862,168	29,765,897
1932.	1,934	7,578	6,855,085	25,101,489	5,957,019	25,189,067
1933.	1,665	6,490	5,521,052	22,145,931	5,522,717	22,132,421
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.	1,790	8,627	6,584,233	28,153,451	6,386,023	28,162,078
1937.	1,503	10,604	6,766,958	29,350,076	6,768,458	29,360,680
1938.	1,641	12,077	6,366,101	27,910,556	6,367,742	27,932,633
1939.	917	6,358	6,866,202	28,950,410	6,867,119	28,956,768
1940.	319	2,178	7,817,575	33,386,339	7,817,891	33,388,511
1941.			9,536,404	43,131,912	9,536,404	43,131,912
1942.			10,613,774	51,780,776	10,613,774	51,780,776
1943.			11,987,240	68,102,994	11,987,240	68,102,994
1944.			11,992,541	73,771,444	11,992,541	73,771,444
1945.			12,083,591	75,285,220	12,083,591	75,285,220

Table 30.—Average Price per Short Ton of Canadian Coal at the Mines, by Grades, for each District and Province, 1945

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.....	6.77	4.51	7.42	5.67			7.49	5.10			5.65	3.63
Cumberland.....	6.11	5.30	6.90	5.35			8.27	7.44			4.88	3.48
Inverness.....	5.76	4.43	6.46	5.93							3.08	3.21
Pictou.....	6.90	5.95	7.90	6.39			8.27	7.44			5.98	4.83
Average.....	6.33	4.88	7.24	5.76			7.68	5.68			5.25	3.78
NEW BRUNSWICK.....	5.78	5.41	6.48	6.08	6.55	6.18	5.70	5.35			5.72	5.27
MANITOBA.....												
SASKATCHEWAN.....	2.42	2.34	2.39	2.06	1.85	1.50	1.72	1.48	1.50	1.40	1.28	.72
ALBERTA—												
Bituminous—												
Cascade.....	4.47	4.19	6.11	5.73	5.47	5.22	5.23	4.61	4.22	3.97	3.72	3.37
Coalspur.....	3.73	3.60	4.84	4.04	5.30	5.07	3.33	3.21	2.41	2.27	1.78	1.73
Crowsnest.....	3.98	3.78	5.00	4.84			4.03	3.67	3.25	2.75	3.03	2.59
Halcourt.....			6.97	6.37			5.00	4.25			3.00	3.00
Highwood.....												
Lethbridge.....	3.17	3.08	4.77	4.10	3.33	3.17	3.17	2.17	1.95	1.67	1.23	.91
Magrath.....	3.75	3.75									3.50	3.50
Morley.....	4.14	3.88	4.82	4.22			3.90	3.63			3.85	3.52
Mountain Park.....	4.20	4.15										
Nordegg.....	3.75	3.75										
Pekisko.....												
Pincher.....			4.00	2.00			4.00	4.00	2.00	2.00		
Prairie Creek.....			5.65	5.00			2.80	1.70				
Saunders.....	5.35	5.35	6.65	6.25	5.25	4.25	5.75	4.00			3.07	2.90
Average bituminous.....	3.93	3.78	5.26	4.81	4.58	4.27	3.88	3.38	2.50	2.28	2.47	2.22
Sub-bituminous—												
Ardley.....	3.36	3.25	3.00	1.50								
Big Valley.....	3.50	3.50	3.75	3.25	2.60	1.50	1.75	1.75			.75	.75
Brooks.....	4.00	2.00	5.15	4.35	4.15	3.55	2.50	2.35	2.15	2.00	1.10	.95
Camrose.....	2.69	2.25	4.07	3.77	3.07	2.90	2.12	1.40	1.85	1.85	.92	.75
Carbon.....	3.50	3.27	4.20	4.00	3.67	3.53	2.35	1.96	2.05	2.05	.99	.75
Castor.....	2.85	2.68	3.06	2.93	2.25	1.90	1.58	1.39				
Champion.....			4.00	4.00			1.77	1.77	1.00	1.00		
Drumheller.....	3.31	2.72	5.04	4.37	4.10	3.74	3.27	2.20	2.05	2.01	1.45	.77
Edmonton.....	3.54	2.78	4.05	3.74	3.53	3.05	2.72	2.24	2.07	1.92	1.37	1.17
Glenchen.....	4.32	4.32	4.00	4.00			3.00	1.25			.50	.50
High Prairie.....			5.00	5.00			2.50	2.50				
Milk River.....	3.25	3.25										
Pakowki.....	2.87	2.87										
Pembina.....	3.53	2.76	3.30	3.17	3.40	3.15	2.55	2.55	2.35	2.20	1.77	1.15
Redcliff.....	3.90	3.50	4.25	4.00			1.50	1.35			.67	.55
Rochester.....	3.00	2.62	3.00	3.00			2.25	2.00			.87	.75
Sheerness.....	2.50	2.23	2.75	2.25			2.25	2.00	2.00	1.90	.75	.75
Taber.....	4.50	3.00	4.82	3.05	4.15	3.55	2.97	1.50	2.15	1.85	.95	.75
Tofield.....	2.25	1.95	2.71	2.30	2.35	2.10	2.00	1.90	1.90	1.70	1.00	.87
Wainwright.....												
Westlock.....	4.00	4.00					3.00	2.00			1.50	1.50
Wetaskiwin.....	4.50	4.50							2.50	2.50		
Whitemud.....	2.00	2.00	3.00	2.75							.87	.87
Area not designated.....	2.85	2.85										
Average sub-bituminous.....	3.26	2.87	4.07	3.65	3.64	3.25	2.62	2.00	2.03	1.93	1.22	.90
Average for Alberta.....	3.37	3.02	4.30	3.93	3.82	3.45	2.92	2.33	2.18	2.04	1.57	1.27
BRITISH COLUMBIA—												
Crow's Nest Pass.....	4.42	3.72	5.65	4.82			4.72	3.82			4.22	3.12
Inland.....	5.50	4.68	6.52	5.78	5.90	2.96	5.57	4.78	4.27	4.10	4.56	4.15
Island.....	6.50	6.50	7.03	6.59	4.43	4.43	4.62	4.32	4.02	3.81	2.90	2.50
Average.....	5.49	4.76	6.80	6.23	5.16	3.60	4.99	4.47	4.07	3.87	3.54	3.09
Canada.....	3.67	3.30	4.95	4.41	3.90	3.48	3.46	2.82	2.57	2.42	2.38	1.91

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 1944 and 1945

	1944			1945		
	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.....	5.296	5.159	.419	5.495	4.884	.478
Cumberland.....	5.453	4.495	.416	5.578	4.540	.480
Inverness.....	4.778	5.391	1.257	5.244	5.762	.638
Pictou.....	5.675	6.252	.500	5.881	5.683	.456
Total Nova Scotia.....	5.348	5.164	.440	5.545	4.934	.479
NEW BRUNSWICK—(Bituminous)	5.347	4.200	.218	5.597	3.833	.302
MANITOBA—(Lignite)						
SASKATCHEWAN—(Lignite)	1.482	.728	.100	1.517	.597	.088
ALBERTA—						
Bituminous—						
Cascade.....	3.787	2.084	.312	3.717	2.245	.373
Coulspur.....	3.314	2.312	.192	3.459	2.261	.146
Crowsnest.....	3.636	2.333	.119	3.625	2.349	.138
Halcourt.....	6.102	6.026	.461	6.424	3.631	.544
Highwood.....						
Lethbridge.....	3.852	2.669	.091	3.786	2.821	.097
Magrath.....						
Morley.....				3.552	2.114	.080
Mountain Park.....	3.882	2.231	.201	3.914	1.877	.162
Nordegg.....	4.021	2.855	.175	4.036	3.068	.223
Pokisko.....	3.742	1.641	.056	3.902	2.321	.042
Pincher.....	3.179	1.327	.097	3.095	1.854	.211
Prairie Creek.....	3.998	4.288	1.036	3.894	2.747	.805
Saunders.....	5.068	4.187	.353	5.067	4.360	.385
Total Bituminous.....	3.720	2.392	.165	3.734	2.353	.166
Sub-bituminous—						
Ardley.....	3.230	1.589	.024	3.183	.878	.012
Big Valley.....	3.249	2.815	.108	2.980	2.548	.078
Brooks.....	3.750	.856	.015	3.430	.581	.008
Camrose.....	3.185	1.625	.061	2.915	1.645	.061
Carbon.....	3.211	1.701	.124	3.121	1.759	.093
Castor.....	2.685	1.777	.097	2.537	1.100	.077
Champion.....	3.435	2.781	.040	3.210	2.605	.029
Drumheller.....	3.667	2.480	.092	3.607	2.425	.093
Edmonton.....	3.051	2.178	.070	2.968	2.136	.079
Gleichen.....	3.766	3.124	.059	3.804	2.855	.062
High Prairie.....				4.000	2.352	
Milk River.....	3.478	1.509	.312	3.310	1.054	.172
Pakowki.....						
Pembina.....	2.884	2.342		2.893	1.314	
Redcliff.....	3.150	2.407	.097	2.999	1.965	.128
Rochester.....	3.297	2.942	.067	3.571	2.671	.249
Sexsmith.....	2.845	1.594	.063	2.828	1.202	.044
Sheerness.....	1.773	.648	.048	1.839	.554	.068
Steveville.....						
Taber.....	3.124	.690	.061	2.808	.790	.016
Tofield.....	2.021	.865	.023	2.093	.682	.033
Westlock.....				2.866	.700	.633
Wetaskiwin.....	3.767	3.011		4.134	2.025	
Whitecourt.....	2.557	2.913		2.906	2.542	
Area not designated.....	3.443	1.555		2.794	1.785	.053
Total Sub-bituminous.....	3.412	2.190	.081	3.304	1.923	.075
Total Alberta.....	3.610	2.320	.135		2.177	.129
BRITISH COLUMBIA—(Bituminous)						
Crow's Nest Pass.....	3.501	1.937	.154	3.419	2.080	.176
Inland.....	4.867	3.166	.181	5.216	3.070	.047
Island.....	5.243	3.693	.143	5.250	4.137	.168
Total British Columbia.....	4.221	2.654	.152	4.199	2.894	.171
YUKON—(Bituminous)						
Canada.....	4.137	3.231	.239	4.094	2.994	.241

Table 32.—Employees, Salaries and Wages in the Coal Mines of Canada, by Provinces, 1944 and 1945

Province	Average number of employees					Salaries and wages		
	†Salaried employees		Daily wage-earners		Total	Salaries	Wages	Total
	Male	Female	Surface	Under-ground				
1944								
*Nova Scotia.....	472	157	1,911	10,188	12,728	1,447,796	25,277,475	26,725,271
New Brunswick.....	45	10	251	619	925	120,677	1,328,885	1,449,562
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	4,094,665	47,977,221	52,071,886
1945								
Nova Scotia.....	488	137	1,894	10,503	13,622	1,503,853	23,725,235	25,229,088
New Brunswick.....	43	14	260	508	834	134,066	1,250,684	1,384,750
Saskatchewan.....	42	8	272	243	565	94,036	821,455	915,491
Alberta.....	655	49	2,084	5,488	8,276	1,673,402	15,308,415	16,981,817
British Columbia.....	230	34	573	1,767	2,601	701,192	4,219,027	4,920,819
Canada.....	1,458	242	5,092	18,509	25,301	4,106,549	45,325,416	49,431,965

† Salaried employees at head offices, not located at the mine, are included in this table, but are not included in tables 33, 34, 35 and 36.

*Wages in Nova Scotia revised for 1944.

Table 33.—Employment at Coal Mines in Canada, 1941-1945

	1941	1942	1943	1944	1945
Average number of employees—					
Surface.....	5,372	5,538	5,013	6,085	5,901
Underground.....	19,608	19,227	18,953	19,146	19,024
Total.....	24,980	24,763	24,966	25,231	24,925
Man-days worked—					
Surface.....	1,542,056	1,617,660	1,711,767	1,696,497	1,598,452
Underground.....	5,111,559	5,131,912	4,967,789	4,927,528	4,571,573
Total.....	6,653,615	6,749,572	6,679,556	6,624,025	6,170,025
Average number of man-days worked during year—					
By surface employees.....	287	202	289	279	271
By underground employees.....	261	267	262	257	240
By all employees.....	266	272	269	263	248

Table 34.—Employment at Coal Mines in Canada, by Months and by Provinces, 1941-1945

Month and year	Nova Scotia	New Brunswick	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Canada
January.....	13,097	1,367	7	906	8,854	2,788	.....	27,819
1942	13,559	1,170	6	866	9,281	2,750	.....	27,631
1943	11,829	967	6	887	9,172	2,730	.....	25,571
1944	12,938	966	.....	933	9,710	3,160	.....	27,707
1945	13,111	897	.....	816	8,932	2,664	.....	26,420
February.....	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	.....	25,318
1944	12,868	969	.....	830	9,290	3,100	.....	27,057
1945	13,042	898	.....	736	8,767	2,654	.....	26,097
March.....	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
1945	12,940	887	.....	629	8,393	2,819	.....	25,468
April.....	13,315	1,361	.....	410	5,676	2,586	.....	23,348
1942	13,376	1,024	.....	480	6,962	2,714	.....	21,556
1943	11,708	889	4	542	7,760	2,630	.....	23,613
1944	12,966	900	.....	508	7,573	2,936	.....	24,943
1945	12,887	859	.....	519	7,765	2,560	.....	24,590
May.....	12,672	1,419	.....	360	5,316	2,546	.....	22,313
1942	12,855	992	.....	437	6,578	2,700	.....	23,562
1943	11,578	875	4	507	7,401	2,689	.....	22,954
1944	12,431	946	.....	484	7,582	2,910	.....	21,353
1945	12,831	859	.....	490	7,597	2,535	.....	21,312
June.....	12,561	1,396	.....	360	5,295	2,484	.....	22,096
1942	12,734	1,005	.....	451	7,367	2,639	.....	21,196
1943	11,468	937	4	551	7,655	2,629	.....	23,244
1944	12,135	953	.....	469	7,625	2,803	.....	21,915
1945	12,534	840	.....	457	7,588	2,525	.....	23,944
July.....	12,333	1,362	.....	334	5,817	2,406	.....	22,252
1942	12,420	983	.....	437	7,738	2,510	.....	24,088
1943	11,513	935	5	601	7,914	2,624	.....	23,592
1944	11,623	977	.....	484	7,683	2,851	.....	23,618
1945	12,386	813	.....	410	7,719	2,494	.....	23,822
August.....	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	.....	24,086
1944	11,580	890	.....	508	7,879	2,843	.....	23,700
1945	12,321	809	.....	428	7,760	2,481	.....	24,799
September.....	12,220	1,278	3	535	8,518	2,450	.....	25,001
1942	11,534	1,016	1	428	7,757	2,303	.....	23,099
1943	12,143	973	.....	648	8,489	2,788	.....	25,041
1944	12,303	862	.....	539	8,060	2,658	.....	21,422
1945	12,453	770	.....	450	7,811	2,459	.....	23,949
October.....	13,248	1,198	3	848	8,088	2,552	.....	26,837
1942	11,678	1,028	4	496	7,822	2,379	.....	23,497
1943	12,270	992	.....	770	8,912	2,897	.....	25,841
1944	12,425	877	.....	675	8,174	2,619	.....	24,770
1945	12,498	784	.....	579	8,246	2,404	.....	21,451
November.....	13,408	1,105	7	902	9,202	2,614	.....	27,358
1942	11,923	990	7	733	8,851	2,437	.....	24,741
1943	12,488	1,018	.....	1,017	9,398	3,030	.....	26,951
1944	12,807	897	.....	825	8,777	2,623	.....	25,989
1945	13,053	792	.....	630	8,978	2,516	.....	25,969
December.....	13,470	1,191	8	872	9,200	2,615	.....	27,356
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	.....	25,933
1945	13,169	805	.....	629	9,127	2,521	.....	26,251
Average.....	12,929	1,322	4	613	7,545	2,567	.....	21,980
1942	12,566	1,033	3	592	7,999	2,570	.....	24,763
1943	11,897	964	3	723	8,531	2,748	.....	24,866
1944	12,476	925	.....	655	8,323	2,855	.....	25,234
1945	12,667	831	.....	565	8,223	2,536	.....	21,925

Table 35.—Employment and Days' Work Done, by Months, at Coal Mines in Canada, 1945, with Comparative Totals for 1944

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	6,174	20,246	26,420	147,636	446,360	594,005
February.....	6,023	20,074	26,097	134,668	405,929	540,597
March.....	5,863	19,605	25,468	139,134	423,262	562,396
April.....	5,599	18,991	24,590	129,158	390,950	520,108
May.....	5,639	18,673	24,312	125,855	368,819	494,671
June.....	5,653	18,291	23,944	135,522	388,858	524,380
July.....	5,732	18,090	23,822	123,497	345,726	469,223
August.....	5,768	18,031	23,799	128,825	340,683	469,508
September.....	5,739	18,210	23,949	122,327	342,981	465,308
October.....	6,056	18,425	24,481	126,141	326,382	452,523
November.....	6,275	19,694	25,969	151,168	427,457	578,625
December.....	6,291	19,960	26,231	134,521	364,167	498,678
Total for 1945.....				1,598,452	4,571,573	6,170,025
Total for 1944.....				1,696,497	4,927,528	6,624,025

Table 36.—Employment at Coal Mines in Canada, by Classes and by Provinces, 1945 with Comparative Totals for 1944

Classification	Province						Canada		
	Nova Scotia	New Brunswick	Manitoba	Saskatchewan	Alberta	British Columbia	Surface	Under-ground	Total
Administration.....	33	29		12	97	15	185	1	186
Clerks.....	137	19		25	157	38	376		376
Screenmen and loaders.....	573	36		74	626	89	1,369	29	1,398
Foremen and officials.....	890	33		28	623	174	377	1,371	1,748
Stripping shovel operators.....	141			27	16		57		57
Cleaning shovel operators.....	2			4	3		9		9
Hand cutters and helpers.....	489	397		60	1,551	220		2,717	2,717
Machine cutters and helpers.....	947	12		20	305	226		1,510	1,510
Machine loaders and helpers.....	1,847	23		57	1,470	598		4,001	4,001
Horse haulage employees.....	280			17	407	84	31	759	790
Mechanical fitting employees.....	1,714	7		33	448	363	164	2,401	2,565
Ventilation employees.....	236	1		1	51	19	2	306	308
Roadmakers.....	297	4		23	194	40	8	550	558
Timbermen.....	1,147	8		9	358	117	17	1,672	1,639
Pumpmen.....	101	20		5	33		18	141	159
Loading shovel.....	1			17	9		35		35
Chute loaders.....	31	2			177	7	9	208	217
Engineers.....	291	11		8	105	25	308	132	440
Firemen.....	95	10		11	94	22	232		232
Machinists.....	216	10		10	95	23	328	26	354
Carpenters and masons.....	148	9		6	96	54	295	18	313
Other mechanics.....	349	9		10	178	85	289	342	631
Japanese.....							78		78
Chinese.....							1		1
Indians.....									
All other employees.....	2,945	168		108	1,124	258	1,713	2,890	4,603
Total for 1945.....	12,767	834		565	8,223	2,536	5,901	19,024	24,925
Total for 1944.....	12,476	925		655	8,323	2,855	6,088	19,146	25,234

Table 37.—Average Output of Coal per Man-Day in Canada, by Provinces and by Districts, 1944 and 1945

	1944			1945		
	Number of man-days	Output	Average output per man-day	Number of man-days	Output	Average output per man-day
NOVA SCOTIA—						
Cape Breton.....	2,435,747	4,225,683	1.735	2,266,489	3,688,657	1.627
Cumberland.....	521,291	880,799	1.690	472,336	777,123	1.645
Inverness.....	77,273	93,400	1.209	82,136	91,146	1.109
Pictou.....	439,301	545,789	1.242	415,934	555,689	1.336
Total.....	3,473,612	5,745,671	1.654	3,236,895	5,112,615	1.579
NEW BRUNSWICK.....	235,459	345,123	1.466	210,385	361,184	1.718
MANITOBA.....						
SASKATCHEWAN.....	158,493	1,372,768	8.661	131,904	1,532,095	11.622
ALBERTA—						
Bituminous—						
Cascade.....	83,751	363,314	4.338	75,340	318,036	4.221
Coulspar.....	162,687	651,340	4.004	152,811	617,266	4.036
Crowsnest.....	530,203	1,943,277	3.665	495,901	1,856,542	3.743
Halcourt.....	555	618	1.113	457	584	1.277
Highwood.....						
Lethbridge.....	150,013	481,844	3.212	143,536	451,578	3.146
Mountain Park.....	230,646	892,054	3.871	207,530	970,301	4.675
Morley.....						
Nordegg.....	112,184	351,869	3.136	107,378	315,857	2.941
Pekisko.....	1,527	5,864	3.840	919	2,739	2.980
Pincher.....	310	660	2.129	257	241	0.937
Prairie Creek.....	4,261	7,637	1.792	2,237	6,183	2.763
Saunders.....	30,946	63,926	2.060	29,027	59,926	2.064
Total Bituminous.....	1,307,083	4,763,303	3.644	1,215,949	4,600,597	3.783
Sub-bituminous—						
Ardley.....	2,328	7,109	3.054	3,176	14,067	4.429
Big Valley.....	2,437	5,471	2.245	3,195	7,819	2.447
Brooks.....	7,306	88,365	12.095	14,844	220,111	14.828
Camrose.....	21,999	65,303	2.968	21,342	84,837	3.975
Carbon.....	15,363	46,896	3.052	18,453	71,215	3.859
Castor.....	14,594	40,896	2.802	19,714	85,125	4.307
Champion.....	3,135	7,177	2.289	2,671	7,309	2.738
Drunheller.....	468,194	1,678,322	3.585	474,846	1,722,077	3.621
Edmonton.....	114,682	389,333	3.395	118,801	408,304	3.436
Gleichen.....	10,590	16,430	1.551	10,555	18,101	1.714
High Prairie.....						
Milk River.....	962	1,624	1.688	915	85	1.180
Pakan.....						
Pakowki.....	161	216	1.342	253	385	1.521
Pembina.....	19,886	72,251	3.633	16,197	64,751	3.907
Redcliff.....	4,223	10,603	2.511	3,691	10,630	2.879
Rochester.....	1,115	4,257	3.818	2,001	7,595	3.795
Sexsmith.....						
Sheerness.....	6,543	49,780	7.608	5,651	60,223	10.657
Steveville.....						
Taber.....	8,506	74,936	8.810	26,067	244,204	9.368
Tofield.....	15,625	101,895	6.521	17,371	167,818	9.660
Westlock.....						
Wetaskiwin.....	428	1,085	2.535	154	150	0.974
Whitecourt.....	162	287	1.772	71	118	1.661
Area not designated.....	1,365	3,169	2.322	195	112	0.574
Total Sub-Bituminous.....	719,604	2,665,405	3.703	700,864	3,190,554	4.205
Total Alberta.....	2,026,687	7,428,708	3.665	1,976,813	7,800,151	3.945
BRITISH COLUMBIA—						
Crow's Nest Pass.....	288,755	1,221,621	4.231	243,074	974,005	4.007
Inland.....	60,351	135,133	2.289	40,615	101,803	2.506
Island.....	380,668	774,477	2.034	330,339	623,960	1.888
Total.....	729,774	2,134,231	2.924	614,028	1,689,768	2.768
YUKON.....						
Canada.....	6,624,025	17,026,499	2.570	6,170,025	16,506,713	2.675

Table 38.—Fuel and Electricity Used in the Coal Mining Industry in Canada, by Kinds and by Provinces, 1945

Province	Coal			Gasoline, kerosene and fuel oil	Elec- tricity purchased	Total value	Electri- city generated for own use
	Bitumin- ous	Sub- bitumin- ous	Lignite				
	Tons	Tons	Tons	Imp. Gal.	K.W.H.	\$	K.W.H.
Nova Scotia—							
Quantity.....	306,373			16,446	111,937,488		20,954,085
Value.....	\$ 1,236,905			4,516	1,207,894	2,449,315	
New Brunswick—							
Quantity.....	15,500			23,182	1,376,874		
Value.....	\$ 78,833			4,703	25,565	109,101	
Manitoba—							
Quantity.....							
Value.....							
Saskatchewan—							
Quantity.....			28,277	128,137	3,969,057		110,050
Value.....			27,201	33,493	74,411	135,105	
Alberta—							
Quantity.....	158,668	22,080		170,811	41,905,482		13,183,889
Value.....	\$ 388,719	38,847		38,328	541,650	1,007,544	
British Columbia—							
Quantity.....	26,411			21,558	20,741,120		19,615,800
Value.....	\$ 90,684			5,953	195,144	291,781	
Canada—							
Quantity.....	506,952	22,080	28,277	360,134	179,930,021		53,863,824
Value.....	\$ 1,735,141	38,847	27,201	86,993	2,044,664	*3,993,864	

*Includes \$1,018 worth of other fuel.

Table 39.—Power Employed in the Coal Mining Industry in Canada, by Provinces, 1945, with Comparative Totals for 1944

Province	Steam engines and turbines	Internal com- bus- tion en- gines	Hydra- ulic tur- bi- nes or water wheels	Total primary power	Electric motors run by pur- chased power	Total power em- ployed	Electric motors run by primary power in same plant	Total electric motors	Boilers	Motor- gen- er- ator sets
Nova Scotia.....	No. H.P.	38 52,840	7 160	45 63,000	930 65,852	975 118,852	123 8,811	1,053 74,683	41 31,337	15 1,430
New Brunswick.....	No. H.P.	5 215	12 248	17 463	253 1,687	270 2,150		253 1,687	6 350	
Manitoba.....	No. H.P.									
Saskatchewan.....	No. H.P.	11 955	41 1,115	52 2,070	403 7,274	455 9,344	35 536	438 7,810	9 1,425	19 1,941
Alberta.....	No. H.P.	91 19,700	171 3,775	262 23,475	1,709 44,746	1,971 68,221	272 7,149	1,981 51,895	102 14,056	57 2,913
British Columbia.....	No. H.P.	23 4,418	36 1,501	2 12,000	61 17,919	215 8,562	276 6,522	267 15,084	32 6,837	1 7
Total for 1945.....	No. H.P.	168 78,128	267 6,799	2 12,000	437 96,927	3,510 128,121	3,947 225,018	482 23,018	3,902 151,139	190 54,005
Total for 1944.....	No. H.P.	222 78,693	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 54,985
										92 8,019

CHAPTER TWO

PRINCE EDWARD ISLAND

Table 40.—*Imports into Prince Edward Island of Anthracite and Bituminous Coal, by Ports of Entry, 1944 and 1945

(Short tons)

Port	Source	1944						1945						
		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	Pens, beans and smaller sizes n.o.p.	Total			Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Pens, beans and smaller sizes n.o.p.	Total			
Charlottetown	U.S.	3,065			3,065	127	3,192	2,434				2,434	133	2,567
	G.B.													
Summerside	U.S.	1,241			1,241		1,241	889				889		889
	G.B.													
Total	U.S.	4,306			4,306	127	4,433	3,323				3,323	133	3,456
	G.B.													
Grand total		4,306			4,306	127	4,433	3,323				3,323	133	3,456

* 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 1945—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.....	11,829		290	
Bituminous.....				
Total.....	11,829		290	
February—				
Anthracite.....			153	
Bituminous.....	8,725		43	
Total.....	8,725		196	
March—				
Anthracite.....			324	
Bituminous.....	13,471		43	
Total.....	13,471		367	
April—				
Anthracite.....			339	
Bituminous.....	10,900			
Total.....	10,900		339	
May—				
Anthracite.....			242	
Bituminous.....	10,527			
Total.....	10,527		242	
June—				
Anthracite.....			50	
Bituminous.....	10,779			
Total.....	10,779		50	
July—				
Anthracite.....			188	
Bituminous.....	11,529			
Total.....	11,529		188	
August—				
Anthracite.....			204	
Bituminous.....	9,713		47	
Total.....	9,713		251	
September—				
Anthracite.....			205	
Bituminous.....	12,109			
Total.....	12,109		205	
October—				
Anthracite.....			623	
Bituminous.....	14,809			
Total.....	14,809		623	
November—				
Anthracite.....			343	
Bituminous.....	19,627			
Total.....	19,627		343	
December—				
Anthracite.....			362	
Bituminous.....	11,960			
Total.....	11,960		362	
Total—				
Anthracite.....			3,323	
Bituminous.....	145,787		133	
Total.....	145,787		3,456	

CHAPTER THREE
NOVA SCOTIA

Table 42.—Output of Coal from Nova Scotia Mines, 1785-1945

(Short tons)

Calendar year	Output	Value	Calendar year	Output	Value	Calendar year	Output	Value
	\$			\$				\$
1785-1806.....	2,649,416	4,139,714	1893.....	2,444,924	3,820,194	*1920.....	6,437,156	32,314,523
1807.....	596,332	931,768	1894.....	2,527,982	3,949,970	*1921.....	5,734,928	27,782,050
1808.....	574,106	897,041	1895.....	2,225,145	3,470,790	*1922.....	5,569,672	24,629,921
1809.....	647,727	1,012,074	1896.....	2,508,579	3,919,655	*1923.....	6,597,838	28,170,458
1810.....	719,211	1,123,767	1897.....	2,493,554	3,806,179	*1924.....	5,557,441	22,280,554
1811.....	754,827	1,179,417	1898.....	2,563,180	4,004,970	*1925.....	3,842,978	15,820,680
1812.....	1,003,806	1,508,446	1899.....	3,148,822	5,622,898	*1926.....	6,747,477	26,845,226
1813.....	1,108,245	1,731,632	1900.....	3,623,530	8,088,250	*1927.....	7,071,876	27,194,671
1814.....	972,954	1,520,240	1901.....	4,158,668	6,496,982	*1928.....	6,743,504	27,427,658
1815.....	930,613	1,454,084	1902.....	5,161,316	9,216,036	*1929.....	7,056,133	28,071,956
1816.....	837,755	1,308,991	1903.....	5,653,338	10,095,246	*1930.....	6,252,552	24,528,860
1817.....	880,215	1,375,339	1904.....	5,598,241	9,993,288	*1931.....	4,955,563	19,016,720
1818.....	875,994	1,368,741	1905.....	5,646,583	10,083,184	*1932.....	4,084,581	15,167,793
1819.....	866,220	1,353,469	1906.....	6,220,505	11,108,044	*1933.....	4,557,590	15,969,793
1820.....	1,177,669	1,840,108	1907.....	6,354,133	12,764,999	*1934.....	6,341,625	21,860,093
1821.....	1,280,050	2,000,079	1908.....	6,652,539	13,364,476	*1935.....	5,822,075	20,391,227
1822.....	1,524,947	2,382,730	1909.....	5,652,089	11,354,643	*1936.....	6,649,102	22,973,281
1823.....	1,578,609	2,466,576	1910.....	6,431,142	12,919,705	*1937.....	7,256,954	25,640,819
1824.....	1,543,829	2,412,233	1911.....	7,004,420	14,071,379	*1938.....	6,236,417	22,523,802
1825.....	1,547,990	2,418,735	1912.....	7,783,888	17,374,750	*1939.....	7,051,176	25,611,271
1826.....	1,698,018	2,053,152	1913.....	7,980,073	17,812,663	*1940.....	7,848,921	28,766,195
1827.....	1,858,506	2,904,057	1914.....	7,370,924	16,452,955	*1941.....	7,387,762	18,446,204
1828.....	1,942,231	3,034,735	1915.....	7,463,370	16,659,305	*1942.....	7,204,552	29,116,118
1829.....	1,918,827	2,998,162	1916.....	6,912,140	18,514,662	*1943.....	6,103,085	27,121,861
1830.....	2,181,033	3,407,864	1917.....	6,327,091	19,410,737	*1944.....	5,745,671	30,728,535
1831.....	2,267,919	3,543,624	1918.....	5,818,562	21,095,470	*1945.....	5,112,615	28,350,278
1832.....	2,159,389	3,374,046	*1919.....	5,790,196	22,350,151	Total.....	337,577,812	1,011,075,365

* For the years 1919-1945 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, 1941-1945

(Short tons)

Month	1941	1942	1943	1944	1945
January.....	683,589	671,196	532,380	543,519	502,448
February.....	614,668	684,649	532,893	513,357	464,741
March.....	727,801	676,218	603,862	580,186	489,226
April.....	603,838	676,550	544,690	482,975	453,284
May.....	559,335	609,418	481,895	461,690	433,817
June.....	509,211	522,865	466,436	463,403	433,989
July.....	548,222	595,635	482,278	393,320	356,906
August.....	547,858	543,842	460,267	459,462	310,251
September.....	514,043	537,980	454,653	443,730	372,003
October.....	696,917	558,043	498,387	480,837	445,480
November.....	695,533	564,686	537,152	493,792	485,981
December.....	686,747	563,770	508,192	429,391	364,489
Total.....	7,387,762	7,204,852	6,163,085	5,745,671	5,112,615

Table 44.—Output of Coal by Districts in Nova Scotia, 1941-1945

(Short tons)

District	1941	1942	1943	1944	1945
Cape Breton.....	5,384,375	5,289,250	4,435,018	4,225,683	3,688,657
Cumberland.....	1,064,244	1,123,029	971,206	880,799	777,123
Inverness.....	152,795	120,957	96,085	93,400	91,146
Pictou.....	786,348	671,616	600,776	545,789	555,689
Total.....	7,387,762	7,204,852	6,163,085	5,745,671	5,112,615

Table 45.—Output of Coal by Principal Collieries in Nova Scotia, 1943-1945
(Average of 500 tons or more per month)

(Short tons)

Name	Address	1943	1944	1945
CAPE BRETON DISTRICT—				
Bras d'Or Coal Co., Ltd.	Bras d'Or	146,142	136,972	144,146
Dominion Coal Co., Ltd.	Sydney	3,571,264	3,361,043	2,922,676
Indian Cove Coal Co., Ltd.	Sydney Mines	35,457	31,375	33,351
Old Sydney Collieries Ltd.	Trenton	671,439	682,847	575,515
Sullivan Coal Co., Ltd.	Sydney Mines	10,716	13,446	12,969
All other operators				
Total		4,435,018	4,225,683	3,688,657
CUMBERLAND DISTRICT—				
Cumberland Ry. & Coal Co.	Springhill	683,622	595,443	532,162
Hillcrest Mining Co., Ltd.	River Hebert	87,142	92,490	88,779
Joggins Coal Co., Ltd.	Amherst	130,509	120,495	104,474
Standard Coal Co., Ltd.	Amherst	66,335	71,095	51,708
All other operators		3,598	1,276	
Total		971,206	880,799	777,123
INVERNESS DISTRICT—				
Inverness Coal Mine	Inverness	92,535	83,536	69,545
Margaree Steamship Co.	Inverness	1,739	6,925	9,461
All other operators		1,811	2,939	12,140
Total		96,085	93,400	91,146
PICTOU DISTRICT—				
Acadia Coal Co., Ltd.	Stellarton	398,073	353,557	365,310
Greenwood Coal Co., Ltd.	New Glasgow	34,584	31,206	25,729
Intercolonial Coal Co., Ltd.	Westville	168,139	161,026	164,650
All other operators				
Total		600,776	545,789	555,689
Total Nova Scotia		6,183,085	5,745,671	5,112,615

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, 1944 and 1945

District	Per cent produced	Per cent lost	Percentage lost through:					
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes	
Cape Breton	1944	75	25	20.2			1.6	3.2
	1945	71	29	22.0			0.8	6.0
Cumberland	1944	73	27	17.0	0.4		2.2	7.4
	1945	69	31	19.8	0.6	0.5	3.0	7.1
Inverness	1944	93	7	1.9			0.9	4.2
	1945	91	9	3.3	0.4	0.4	1.9	3.0
Pictou	1944	81	19	17.6	0.4		0.3	0.7
	1945	78	22	18.3	0.3		0.4	3.0
Total	1944	76	24	19.0	0.1	0.1	1.4	3.5
	1945	72	28	21.1	0.1	0.1	1.1	5.6

Table 47.—Disposition of Coal from Nova Scotia Mines, 1944 and 1945

(Short tons)

	1944		1945					Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total		
	Quantity	Value					Quantity	Value	
Supplied to employees for domestic consumption.....	168,154	701,048	148,011	22,409	600	71	171,091	756,022	\$
Coal shipped as per Table 40.....	5,290,860	28,885,609	833,378	1,660,447	142,501	1,980,601	4,616,827	26,293,712	
Used under colliery boilers.....	253,598	895,248	15,487	2,036	33,801	170,087	222,011	804,889	
Used by companies' railroads.....	35,983	165,484	22,024	534	1,118	9,646	33,922	152,089	
Used in shops, etc.....	50,711	257,910	1,017	668	21,257	25,821	48,763	274,011	
Used by harbour tugs and dredges.....	1,633	5,897	1,083	.....	.....	.....	1,683	5,935	
Put on bank.....	1,094,381	3,583,801	41,845	18,998	2,589	994,715	1,058,147	3,478,875	
Put on waste heap.....	2,444	.....	.....	.....	.....	.....	.....	.....
Total disposition.....	6,896,764	34,494,997	1,064,045	1,705,692	201,866	3,180,841	6,152,444	31,765,533	
Lifted from bank.....	1,148,724	3,766,462	23,193	31,890	2,784	981,953	1,039,829	3,415,255	
Lifted from waste heap.....	2,369	.....	.....	.....	.....	.....	.....	.....
Total output.....	5,745,671	30,728,535	1,040,852	1,673,793	199,082	2,198,888	5,112,615	28,350,278	

Table 48.—Tonnage Put on Bank and Lifted from Bank in Nova Scotia, 1941-1945

(Short tons)

Month	1941		1942		1943		1944		1945	
	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
	187,293	194,240	194,240	194,240	79,581	79,581	78,401	78,401	22,068	22,068
On bank at first of year.....	187,293	194,240	194,240	194,240	79,581	79,581	78,401	78,401	22,068	22,068
January.....	172,807	69,444	192,843	87,544	49,538	60,264	104,373	70,193	106,437	83,454
February.....	225,522	76,284	265,066	82,677	118,802	82,774	126,667	74,208	121,749	74,998
March.....	241,869	74,901	253,316	94,542	117,618	67,524	147,273	86,782	112,131	93,595
April.....	159,143	99,637	263,245	87,144	98,557	73,606	94,512	88,015	93,598	102,807
May.....	64,393	196,625	193,163	134,023	45,195	133,864	77,258	189,767	91,939	111,396
June.....	61,455	294,354	73,391	190,041	39,182	111,471	67,780	131,115	87,335	97,467
July.....	70,201	183,702	56,480	296,169	74,061	76,526	75,101	104,834	68,400	75,497
August.....	66,640	98,258	73,269	372,344	81,622	68,155	90,690	89,776	58,632	84,172
September.....	79,132	70,795	81,213	198,390	68,411	60,256	74,077	78,924	69,233	65,110
October.....	117,015	151,268	74,030	121,217	68,175	84,595	82,290	81,956	85,098	78,793
November.....	89,206	129,037	97,242	95,300	95,083	69,226	98,491	79,037	93,024	82,690
December.....	198,256	91,390	102,534	81,260	96,897	67,860	58,869	74,117	70,571	89,850
Total.....	1,642,642	1,535,635	1,725,792	1,840,651	953,141	956,121	1,094,381	1,148,724	1,058,147	1,039,829

Table 49.—Shipments of Coal from Nova Scotia Mines, by Grades and by Destinations
1944 and 1945
(Short tons)

Destination	1944					1945				
	Run-of mine	Lump	Nut and other grades	Slack	Total	Run-of mine	Lump	Nut and other grades	Slack	Total
Coal supplied for bunkers.....	97,297	9,700	.....	.....	106,997	91,888	13,437	.....	.....	105,325
Coal supplied to railroads—										
In Nova Scotia.....	435,580	137,555	3,630	17,931	594,696	411,001	89,184	17,497	16,601	534,283
In New Brunswick.....	144,044	64,542	343	12,602	221,531	85,200	41,233	561	8,865	135,859
In Quebec.....	5,032	7,054	129	450	13,565	7,157	2,814	626	106	10,783
In Ontario.....	.....	.....	.....	.....	37	.....	.....	.....	.....	37
In Prince Edward Island.....	18,354	7,687	.....	5,719	31,780	15,778	4,001	254	4,034	24,067
Total in Canada.....	603,910	216,838	4,102	36,702	861,552	519,173	137,232	18,938	29,606	704,949
In Newfoundland.....	.....	50,888	.....	.....	50,888	4,627	50,217	.....	.....	54,844
Nova Scotia Iron and Steel.....	1,163	234,590	.....	963,891	1,199,644	1,406	244,892	.....	915,517	1,161,815
Nova Scotia other shipments by land.....	112,250	452,918	67,542	307,199	939,909	126,021	402,625	69,603	288,742	886,991
Nova Scotia by sea.....	5,195	179,432	9,263	88,340	282,230	1,981	196,171	14,117	76,751	289,020
New Brunswick.....	74,026	335,664	20,107	487,655	917,452	40,450	311,148	14,377	441,446	807,436
Newfoundland.....	20,055	226,731	.....	65,197	311,983	43,406	177,560	36	49,421	270,423
Prince Edward Island.....	1,911	86,000	11,154	33,573	132,638	1,901	80,481	6,279	32,902	121,563
Quebec.....	3,385	63,733	15,319	389,157	471,594	797	38,940	19,151	143,072	201,960
Ontario.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Pierre.....	.....	8,996	.....	.....	8,996	1,720	7,744	.....	.....	9,464
Greenland.....	.....	654	.....	.....	654	.....	.....	.....	.....	.....
Lost at Sea.....	.....	5,405	.....	918	6,323	.....	.....	.....	3,044	3,044
Total.....	919,192	1,871,649	127,487	2,372,632	5,290,860	833,378	1,660,447	142,501	1,980,501	4,616,827

Table 50.—Exports of Canadian Coal through Nova Scotia Ports, 1941-1945
(Short tons)

Port	1941	1942	1943	1944	1945
Halifax.....	70	48	13	.....	72
North Sydney.....	122,008	123,446	84,948	137,593	134,882
Pictou.....	.....	.....	40	.....	259
Port Hawkesbury.....	.....	.....	.....	.....	29
Sydney.....	98,734	279,537	312,742	242,021	212,294
Total.....	220,812	403,031	357,763	379,651	347,536

Table 51.—Imports* into Nova Scotia of Anthracite and Bituminous Coal, by Ports of Entry, 1944 and 1945

(Short tons)

Port	Source	1944						1945					
		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			
Annapolis.....	U.S.....	48.....	.....	.....	48.....	.....	48	247.....	.....	.....	247.....	3,028	3,275
Antigonish.....	U.S.....	238.....	.....	.....	238.....	.....	238	151.....	.....	.....	151.....	151	151
Barrington													
Passage.....	U.S.....	335.....	.....	.....	335.....	.....	335	49.....	.....	.....	49.....	49	49
Bridgewater.....	U.S.....	288.....	.....	.....	288.....	.....	288	299.....	.....	.....	299.....	299	299
Canso.....	U.S.....	84.....	.....	.....	84.....	.....	84	.....	.....	.....	.....	.....	.....
Digby.....	U.S.....	161.....	.....	.....	161.....	.....	161	5.....	.....	.....	5.....	5	5
Halifax.....	U.S.....	12,609.....	6,105	18,714	76,890	95,604	14,327.....	.....	1,709	16,126	77,166	93,292	93,292
	G.B.....	34,130	215	4,255	38,600	38,600	224.....	.....	1,692	1,916	1,916	1,916	1,916
Kentville.....	U.S.....	929.....	.....	.....	929.....	.....	929	652.....	.....	.....	652.....	652	652
Liverpool.....	U.S.....	763.....	.....	.....	763.....	.....	763	891.....	.....	.....	891.....	891	891
Lockeport.....	U.S.....	350.....	.....	.....	350.....	.....	350	283.....	.....	.....	283.....	283	283
Lunenburg.....	U.S.....	2,978.....	.....	.....	2,978.....	.....	2,978	2,475.....	.....	50	2,525.....	2,525	2,525
Middleton.....	U.S.....	101.....	.....	.....	101.....	.....	101	158.....	.....	.....	158.....	158	158
North Sydney.....	U.S.....	115.....	.....	.....	115.....	.....	115	175.....	.....	.....	175.....	175	175
Port Hawkesbury	U.S.....	445.....	.....	.....	445.....	.....	445	436.....	.....	.....	436.....	436	436
	G.B.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sydney.....	U.S.....	.....	.....	.....	12,617.....	12,617	.....	.....	.....	.....	.....	27,487	27,487
	G.B.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Truro.....	U.S.....	98.....	.....	350	448.....	.....	448	150.....	.....	72	222.....	.....	222
Weymouth.....	U.S.....	145.....	.....	47	192.....	.....	192	52.....	.....	53	105.....	.....	105
Windsor.....	U.S.....	345.....	.....	.....	345.....	.....	345	104.....	.....	.....	104.....	.....	104
Yarmouth.....	U.S.....	6,150.....	.....	39	6,189.....	2	6,181	6,290.....	.....	237	6,527.....	.....	6,527
	G.B.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	U.S.....	26,182.....	.....	6,541	32,723	89,509	122,232	26,744.....	.....	2,211	28,955	107,681	136,636
	G.B.....	34,130	215	4,255	38,600	38,600	224	.....	1,692	1,916	1,916	1,916	1,916
Grand Total....	.....	60,312	215	10,796	71,323	89,509	160,832	26,968.....	.....	3,903	30,571	107,681	138,552

* 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 1945—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.....	502,448		105,625	29,486	1,964	224
Bituminous.....						
Total.....	502,448		105,625	29,486	1,964	224
February—						
Anthracite.....	464,741		83,927	24,178	1,284	.....
Bituminous.....						
Total.....	464,741		83,927	24,178	1,284	.....
March—						
Anthracite.....	489,226		121,887	23,940	3,913	1,692
Bituminous.....					6,180	.....
Total.....	489,226		121,887	23,940	10,093	1,692
April—						
Anthracite.....	453,284		155,227	15,616	4,675	.....
Bituminous.....					2,397	.....
Total.....	453,284		155,227	15,616	7,072	.....
May—						
Anthracite.....	433,817		123,212	25,072	2,675	.....
Bituminous.....					30,602	.....
Total.....	433,817		123,212	25,072	33,277	.....
June—						
Anthracite.....	433,989		135,115	42,100	422	.....
Bituminous.....					10,554	.....
Total.....	433,989		135,115	42,100	10,976	.....
July—						
Anthracite.....	356,906		100,999	19,629	876	.....
Bituminous.....					14,276	.....
Total.....	356,906		100,999	19,629	15,152	.....
August—						
Anthracite.....	310,251		84,435	23,535	1,887	.....
Bituminous.....					.....
Total.....	310,251		84,435	23,535	1,887	.....
September—						
Anthracite.....	372,003		86,059	40,416	3,095	.....
Bituminous.....					8,531	.....
Total.....	372,003		86,059	40,416	11,626	.....
October—						
Anthracite.....	445,480		107,252	48,807	2,401	.....
Bituminous.....					13,951	.....
Total.....	445,480		107,252	48,807	16,352	.....
November—						
Anthracite.....	485,981		124,922	29,518	2,643	.....
Bituminous.....					2,439	.....
Total.....	485,981		124,922	29,518	5,082	.....
December—						
Anthracite.....	364,489		72,959	25,239	3,120	.....
Bituminous.....					18,751	.....
Total.....	364,489		72,959	25,239	21,871	.....
Total—						
Anthracite.....	5,112,615		1,301,619	347,536	29,355	1,916
Bituminous.....					107,681	.....
Total.....	5,112,615		1,301,619	347,536	136,636	1,916

Table 53.—Employees, Salaries and Wages in the Coal Mines of Nova Scotia,
by Districts, 1944 and 1945

District	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners		Total	Salaries		Total
	Male	Female	Surface	Under-ground		\$	\$	
1944								
Cape Breton.....	338	123	1,232	7,373	9,066	1,072,362	18,094,017	19,166,379
Cumberland.....	47	16	280	1,527	1,876	137,285	3,680,734	3,818,019
Inverness.....	17	2	87	176	232	37,596	465,964	503,560
Pictou.....	70	16	306	1,112	1,504	200,553	3,036,760	3,237,313
Total.....	472	157	1,911	10,188	12,728	1,447,796	25,277,475	26,725,271
1945								
Cape Breton.....	355	103	1,202	7,473	9,133	1,127,377	16,889,324	18,016,701
Cumberland.....	48	16	284	1,652	2,060	135,595	3,393,174	3,528,769
Inverness.....	15	2	91	199	307	40,714	484,533	525,247
Pictou.....	70	16	317	1,179	1,582	200,167	2,958,204	3,158,371
Total.....	488	137	1,894	10,503	13,022	1,503,853	23,725,235	25,229,088

* Salaried employees at head offices not located at the mine are included in table 53, but are not included in tables 54-57.

† Wages for 1944 revised.

Table 54.—Employment at Coal Mines in Nova Scotia, 1941-1945

	1941	1942	1943	1944	1945
Average number of employees—					
Surface.....	2,150	2,116	2,083	2,132	2,099
Underground.....	10,779	10,450	9,814	10,344	10,608
Total.....	12,929	12,566	11,897	12,476	12,767
Man-days worked—					
Surface.....	642,740	623,102	630,386	628,228	587,294
Underground.....	2,962,890	2,840,780	2,695,247	2,845,384	2,649,601
Total.....	3,605,630	3,463,882	3,325,633	3,473,612	3,236,895
Average number of days worked per man per year—					
By surface employees.....	299	294	303	295	280
By underground employees.....	275	272	275	275	248
By all employees.....	279	276	279	278	251

Table 55.—Employment and Work Done, by Months, at Coal Mines in Nova Scotia
in 1945

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	2,135	10,976	13,111	51,794	246,899	298,693
February.....	2,110	10,932	13,042	49,107	227,196	276,303
March.....	2,108	10,832	12,940	53,489	244,819	298,308
April.....	2,112	10,775	12,887	50,399	231,740	282,139
May.....	2,131	10,700	12,831	49,141	224,613	273,754
June.....	2,141	10,383	12,534	51,934	228,875	280,809
July.....	2,070	10,316	12,386	45,984	195,862	241,846
August.....	2,068	10,253	12,321	45,407	185,047	230,454
September.....	2,049	10,404	12,453	40,382	200,864	247,216
October.....	2,079	10,380	12,468	50,527	220,029	279,556
November.....	2,101	10,952	13,053	51,798	243,410	295,208
December.....	2,077	11,092	13,169	41,832	191,247	232,579
Total.....				587,294	2,649,601	3,236,895

Table 56.—Number of Man-Days Worked, by Districts, in Nova Scotia, 1944 and 1945

District	1944			1945		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Cape Breton.....	397,816	2,037,931	2,435,747	370,799	1,895,690	2,266,489
Cumberland.....	90,689	430,602	521,291	83,864	388,472	472,336
Inverness.....	31,320	45,953	77,273	30,266	51,870	82,136
Pictou.....	108,403	330,898	439,301	102,365	313,569	415,934
Total.....	628,228	2,845,384	3,473,612	587,294	2,649,601	3,236,895

Table 57.—Employment at Coal Mines in Nova Scotia, by Classes, 1944 and 1945

Classification	1944			1945		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	34		34	33		33
Foremen and officials.....	91	796	887	81	809	890
Clerks.....	151		151	137		137
Screemmen and loaders.....	604		604	573		573
Handcutters and helpers.....		393	393		489	489
Machine cutters and helpers.....		569	569		947	947
Machine loaders and helpers.....		1,780	1,780		1,847	1,847
Horse haulage employees.....	2	265	267	2	278	280
Mechanical haulage employees.....	24	1,660	1,684	24	1,690	1,714
Ventilation employees.....		211	211		236	236
Roadmakers.....		308	308		297	297
Timbermen.....		1,208	1,208		1,147	1,147
Pumpmen.....	2	97	99	1	100	101
Chute loaders.....		32	32		31	31
Engineermen.....	159	133	292	167	124	291
Firemen.....	106		106	95		95
Machinists.....	216	27	243	204	12	216
Carpenters and masons.....	153	5	158	142	6	148
Other mechanics.....	63	275	338	69	281	349
All other employees.....	527	2,585	3,112	572	2,374	2,946
Total.....	2,132	10,344	12,476	2,099	10,668	12,767

CHAPTER FOUR
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Table 58.—Output of Coal from New Brunswick Mines, 1887-1945

(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	98,490	*1928.....	207,738	869,104
1891.....	6,422	11,030	1910.....	55,455	110,910	*1929.....	218,706	909,169
1892.....	6,768	9,375	1911.....	55,781	111,562	*1930.....	209,349	864,118
1893.....	6,200	9,837	1912.....	44,780	89,560	*1931.....	182,181	743,196
1894.....	6,469	10,264	1913.....	70,311	106,637	*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.....	314,750	1,026,343
1897.....	6,000	9,000	1916.....	143,540	388,016	*1935.....	346,024	1,129,019
1898.....	6,160	9,240	1917.....	189,095	708,010	*1936.....	368,618	1,100,032
1899.....	10,528	15,792	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	*1941.....	523,344	2,021,394
1903.....	16,000	40,000	*1922.....	287,513	1,107,643	*1942.....	435,203	1,826,403
1904.....	9,112	18,224	*1923.....	276,617	1,196,772	*1943.....	372,673	1,641,089
1905.....	29,400	58,800	*1924.....	217,121	932,185	*1945.....	361,184	2,021,806

*For the years 1919-1945 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, 1941-1945
(Short tons)

Month	1941	1942	1943	1944	1945
January.....	44,138	39,918	31,027	26,404	30,917
February.....	46,245	36,449	31,017	25,882	33,247
March.....	49,662	36,389	29,633	29,706	34,989
April.....	38,858	32,384	29,030	23,587	28,024
May.....	47,845	35,079	31,391	23,989	29,230
June.....	44,048	38,664	30,921	25,944	31,727
July.....	45,755	37,132	33,121	36,092	31,376
August.....	44,283	42,440	31,179	26,178	31,160
September.....	42,068	36,976	36,848	33,354	25,646
October.....	45,067	37,254	30,875	32,937	31,424
November.....	35,672	32,884	29,316	31,756	31,855
December.....	39,703	29,634	28,515	28,714	21,589
Total.....	523,344	435,203	372,873	345,123	361,184

Table 60.—Output of Coal by Principal Collieries in New Brunswick, 1943-1945
 (Average output of 500 tons or more per month)
 (Short tons)

Name	Address	1943	1944	1945
Avon Coal Co., Ltd.	Saint John.....	51,727	47,466	50,106
Crawford E. S. (formerly H. P. Thurrott).....	Newcastle Creek.....	8,791	3,479	3,346
Evans, W. B. (Rothwell Coal Co., Ltd.).....	Minto.....	47,155	39,693	24,345
Horgan, Frank J.....	Chipman.....	6,714	5,431	3,736
King, G. H.....	Chapman.....	22,142	22,270	21,974
Minto Coal Co., Ltd.....	Minto.....	105,107	122,585	147,040
Miramichi Lumber Co., Ltd.....	Minto.....	58,404	40,356	43,602
Newcastle Coal Co.....	Minto.....	21,819	18,951	17,940
Welton, Harvey Ltd.....	Minto.....	6,501	3,282	3,615
Welton & Henderson Ltd.....	Minto.....	28,121	28,088	23,972
Yeaman, C. S.....	Newcastle Bridge.....	4,625	4,389	4,163
All other operators.....		11,767	9,100	17,345
Total.		372,873	345,123	361,184

Table 61.—Tonnage Lost in New Brunswick Coal Mines, Showing the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1944 and 1945

Year	Per cent produced	Per cent lost	Percentage lost through:				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
1944.....	85	15	7·4	0·3	0·1	1·6	5·9
1945.....	87	13	6·6	0·3	0·4	1·0	4·7

Table 62.—Disposition of Coal from New Brunswick Mines, by Grades, 1944 and 1945
 (Short tons)

	1944		1945					
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Total	
	Quantity	Value					Quantity	Value
Supplied to employees for domestic consumption.....	4,290	15,724	3,907	80	15	.....	4,011	16,381
Shipped as per Table 63.....	330,688	1,781,945	150,600	95,440	11,904	84,247	342,191	1,929,560
Used under colliery boilers, etc.....	7,523	36,376	14,555	10	.....	.....	14,565	73,665
Used by companies' railroads.....	1,144	6,833	935	.....	.....	.....	935	5,168
Put on bank.....	7,442	33,318	10,316	395	.....	443	11,154	49,441
Put on waste heap.....	387	.....	.....	.....	.....	.....	309	.....
Total disposition.....	351,475	1,874,236	180,313	95,934	11,919	84,690	373,165	2,074,215
Lifted from bank.....	6,323	28,959	8,528	1,985	60	1,408	11,981	52,400
Lifted from waste heap.....	19	.....	.....	.....	.....	.....	.....	.....
Total output.....	345,123	1,845,277	171,785	93,949	11,859	83,282	361,184	2,021,506

Table 63.—Shipments of Coal from New Brunswick Mines, by Grades and Destination, 1944 and 1945
(Short tons)

Destination	1944					1945				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
New Brunswick.....	129,706	19,740	14,054	61,773	225,282	121,955	29,539	11,677	78,055	211,226
Nova Scotia.....					90		129		28	157
Prince Edward Island.....		90								1,550
Quebec.....	2,382	45	46		2,473	1,550				1,550
Ontario.....										
United States.....	20,581			9,043	29,624	10,525		53		25,770
Railroads—										
In Canada.....	10,641	62,519		60	73,220	7,441	65,820		227	73,488
In United States.....										
Total Railroads.....	10,641	62,519		60	73,220	7,441	65,820		227	73,488
Ships' bunkers.....										
Total.....	163,310	82,403	14,100	70,876	330,689	150,000	95,440	11,904	84,247	342,191

Table 64.—Exports of Canadian Coal through New Brunswick Ports, 1941-1945
(Short tons)

Port	1941					1942					1943					1944					
Edmundston.....					85,054						62,768					65,711					79,040
McAdam Junction.....											1,021					7					83,206
Saint John.....						2,043															
St. Stephen.....						43,398					36,373					30,385					34,070
Woodstock.....						3,343					1,923					2,086					1,399
Total.....						133,838					102,085					98,191					111,817

Table 65.—*Imports into New Brunswick of Anthracite and Bituminous Coal, by Sources and by Ports of Entry, 1944 and 1945
(Short tons)

Port	Source	1944						1945					
		Anthracite				Total	Bituminous, all grades	Anthracite				Total	Bituminous, all grades
		Grate, egg, stove, nut, doubles, cobbles and trebles	Screenings or dust	Peas, beans and smaller sizes n.o.p.	Total			Grate, egg, stove, nut, doubles, cobbles and trebles	Screenings or dust	Peas, beans and smaller sizes n.o.p.	Total		
Bathurst.....	U.S.....	124			124	2,736	2,860	116			116	46	162
Campbellton.....	U.S.....	333			333		333	313			313	2,819	3,132
Chatham.....	U.S.....	358		47	405	48	453	49			49		49
Edmundston.....	U.S.....	128		93	221		221	29			110	139	141
Fredericton.....	U.S.....	864			864	39	903	789			789	115	904
McAdam Junction.....	U.S.....	323			323	212	535	350			350		350
Moncton.....	U.S.....	1,464			1,464		1,464	1,180			48	1,228	1,228
Newcastle.....	U.S.....	39			39		39						
Sackville.....	U.S.....	85		48	133		133						
St. Andrews.....	U.S.....	957			957		957	872			872	3	875
Saint John.....	U.S.....	37,814		4,412	42,226	37,361	79,387	27,425			1,570	28,895	43,473
G.B.....	29,645	3,500	35,316	68,461		68,461					20,284	20,284	20,284
St. Stephen.....	U.S.....	1,534		121	1,655	42	1,697	1,349			122	1,471	1,507
Woodstock.....	U.S.....	473		6	479	103	582	660			4	604	664
Total.....	U.S.....	41,496		4,727	49,223	40,541	89,764	33,132			1,851	31,986	46,494
	G.B.....	29,643	3,500	35,316	68,461		68,461				20,284	20,284	20,284
Grand total.....		74,141	3,500	40,043	117,684	40,541	158,225	33,132			22,138	55,270	46,494
													101,761

*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 1945—Output, Exports, Inter-provincial Shipments and Imports, by Months and by Kinds
(Short tons)

Month	Canadian Coal				Imported from U.S.A.	Imported from Great Britain
	Output	Received from other provinces	Shipped to other provinces	Exported		
January—						
Anthracite.....		.....			2,201	7,741
Bituminous.....	30,917	85,933	.....	8,443	2,833	.....
Total.....	30,917	85,933	.....	8,443	5,034	7,741
February—						
Anthracite.....		.....			2,389	.....
Bituminous.....	33,247	70,704	1,042	8,967	8,212	.....
Total.....	33,247	70,704	1,042	8,967	10,601	.....
March—						
Anthracite.....		.....			3,975	6,935
Bituminous.....	34,989	100,639	402	10,248	467	.....
Total.....	34,989	100,639	402	10,248	4,442	6,935
April—						
Anthracite.....		.....			4,769	.....
Bituminous.....	28,024	116,030	.....	9,215	7,955	.....
Total.....	28,024	116,030	.....	9,215	12,724	.....
May—						
Anthracite.....		.....			1,492	.....
Bituminous.....	29,230	87,261	.....	6,142	13,516	.....
Total.....	29,230	87,261	.....	6,142	15,008	.....
June—						
Anthracite.....		.....			1,602	.....
Bituminous.....	31,727	94,757	.....	9,113	1,974	.....
Total.....	31,727	94,757	.....	9,113	3,576	.....
July—						
Anthracite.....		.....			2,681	.....
Bituminous.....	31,376	66,976	106	10,835	494	.....
Total.....	31,376	66,976	106	10,835	3,175	.....
August—						
Anthracite.....		.....			2,146	.....
Bituminous.....	31,160	44,283	112	6,960	3,647	.....
Total.....	31,160	44,283	112	6,960	5,893	.....
September—						
Anthracite.....		.....			2,704	.....
Bituminous.....	25,646	62,362	.....	7,955	3,056	.....
Total.....	25,646	62,362	.....	7,955	5,780	.....
October—						
Anthracite.....		.....			4,219	.....
Bituminous.....	31,424	74,639	45	15,645	476	.....
Total.....	31,424	74,639	45	15,645	4,695	.....
November—						
Anthracite.....		.....			2,971	.....
Bituminous.....	31,855	85,762	.....	12,409	331	.....
Total.....	31,855	85,762	.....	12,409	3,302	.....
December—						
Anthracite.....		.....			3,837	5,608
Bituminous.....	21,589	53,943	.....	5,885	3,633	.....
Total.....	21,589	53,943	.....	5,885	7,470	5,608
Total—						
Anthracite.....		.....			34,986	20,284
Bituminous.....	361,184	943,289	1,707	111,817	46,191	.....
Total.....	361,184	943,289	1,707	111,817	81,480	20,284

Table 67.—Employees, Salaries and Wages in the Coal Mines of New Brunswick, 1944 and 1945

		1944	1945
Number of salaried employees—			
Male		45	43
Female.....		10	14
Number of daily wage-earners—			
Surface		251	269
Underground.....		619	508
Total.....		925	834
Salaries and wages—			
Salaries.....	\$ 120,677	\$ 134,066	
Wages.....	\$ 1,328,883	\$ 1,250,684	
Total.....	\$ 1,449,560	\$ 1,384,750	

Table 68.—Employment at Coal Mines in New Brunswick, 1941-1945

	1941	1942	1943	1944	1945
Average number of employees—					
Surface.....	380	319	328	304	324
Underground.....	942	714	636	621	510
Total.....	1,322	1,033	964	925	834
Man-days worked—					
Surface	97,753	77,950	81,447	78,198	85,929
Underground.....	254,908	193,022	170,481	157,261	124,456
Total.....	352,661	270,972	251,928	235,459	210,385
Average number of days worked per man per year—					
By surface employees.....	257	244	248	257	265
By underground employees.....	271	269	268	253	244
By all employees.....	267	262	261	255	252

Table 69.—Employment and Work Done, by Months, at Coal Mines in New Brunswick, 1945

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	324	573	897	7,070	12,892	19,968
February.....	315	583	898	6,784	12,155	18,939
March.....	299	588	887	7,267	13,093	20,360
April.....	287	572	859	6,684	11,295	17,979
May.....	320	539	859	7,340	11,248	18,588
June.....	329	511	840	7,467	11,011	18,478
July.....	322	491	813	7,633	10,222	17,855
August.....	348	461	809	7,874	8,231	16,105
September.....	343	433	776	7,347	7,706	15,053
October.....	344	440	784	7,495	8,869	16,361
November.....	330	462	792	7,371	9,680	17,051
December.....	330	475	805	5,591	8,054	13,645
Total.....				85,929	124,456	210,385

Table 70.—Employment at Coal Mines in New Brunswick, by Classes, 1944 and 1945

Classification	1944			1945		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	26		26	29		29
Foremen and officials.....	21	11	32	24	9	33
Clerks.....	20		20	19		19
Screenmen and loaders.....	43		43	36		36
Hand cutters and helpers.....		473	473		397	397
Stripping shovel operators.....	10		10	14		14
Machine cutters and helpers.....		19	19		12	12
Machine loaders and helpers.....		39	39		23	23
Loading shovel.....	6		6	8		8
Cleaning shovel.....	1		1	2		2
Chute loaders.....	1		1	2		2
Horse haulage employees.....	3		3	2		2
Mechanical haulage employees.....	4	12	16	3	4	7
Ventilation employees.....	1		1	1		1
Roadmakers.....		3	3	1	3	4
Timbermen.....	4	3	7	4	4	8
Pumpmen.....	11	11	22	10	10	20
Enginemen.....	9	3	12	7	4	11
Firemen.....	8		8	10		10
Machinists.....	9		9	10		10
Carpenters and masons.....	13		13	9		9
Other mechanics.....	5	2	7	7	2	9
All other employees.....	109	44	153	127	41	168
Total.....	304	621	925	324	510	834

CHAPTER FIVE
QUEBEC

Table 71.—Tonnage of Coal Retained in Quebec for Consumption 1941–1945

(Short tons)

—	1941	1942	1943	1944	1945
ANTHRACITE—					
From—Great Britain.....	350,017	161,085	189,656	84,116	599
United States.....	953,847	1,572,962	1,499,755	1,573,375	1,299,396
Total	1,303,864	1,734,047	1,689,411	1,657,491	1,299,395
BITUMINOUS—					
From—Great Britain.....	8,877	384			
United States.....	4,104,262	5,252,843	6,333,564	6,082,308	5,386,133
Total Imported	4,113,139	5,253,207	6,333,564	6,082,306	5,386,133
Nova Scotia (including coal for railroads).....	1,922,153	1,635,143	678,489	485,159	212,603
New Brunswick.....	39,750	6,384	5,914	2,473	1,550
Total Canadian	1,961,903	1,641,527	684,463	487,632	214,213

NOTE:—Bituminous coal imported from United States as shown in the table for 1945, includes 569,078 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, 5,646 tons, Bituminous coal from United States 57,724 tons, re-export 13,460 tons.

Imports of briquettes not included in 1945. See footnotes tables 15 and 16.

Table 72.—Exports of Canadian Coal through Quebec Ports, 1941–1945

(Short tons)

Port	1941	1942	1943	1944	1945
Chicoutimi.....					10.
Coaticook.....		270	25	278	967
Huntingdon.....	206	71	1	70	32
Lacolle.....	332	12			
Lake Megantic.....		40		34	49
Montreal.....			10		
Quebec.....			839		1
Rock Island.....		3	6	2	
St. Armand.....					81
St. Johns.....					
Sutton.....	388			26	
Total	926	396	881	410	1,140

Table 73.—*Imports into Quebec of Anthracite and Bituminous Coal, by Ports of Entry,
1944 and 1945

(Short tons)

Port	Source	1944						1945**					
		Anthracite				Bitum- inous, all grades	Total	Anthracite				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			Grate, egg, stove, nut, doubles, cobbles, and trebles	Screen- ings or dust	Peas, beans, and smal- ler sizes n.o.p.	Total		
Amos	U.S.					186	186					1,360	1,360
Athelstan	U.S.												
Chicoutimi	U.S.	3,811		8,076	11,887	223,429	235,316	4,074		6,667	10,741	32,738	43,479
G.B.													
Coaticook	U.S.	127	60	332	509	188	697	60		1,274	1,334	164	1,498
Drummond- ville	U.S.	334		1,004	1,338	732	2,070	297	907	1,164	2,368	557	2,925
Farnham	U.S.	1,302	15,257	607	17,166	230,029	247,195	1,247	14,511	718	16,476	202,835	219,311
Gaspé	U.S.												
Granby	U.S.	399		1,378	1,777	1,070	2,847	545		756	1,301	1,084	2,385
Hull	U.S.	3,117		1,863	4,980	1,506	6,486	2,474		921	3,395	750	4,145
Huntingdon	U.S.	208,280	3,500	278,662	490,442	429,538	919,980	149,742	49	191,846	341,631	207,083	548,720
Lacolle	U.S.	580,184	7,222	207,200	794,606	1,613,792	2,408,398	512,033	3,221	222,735	737,089	1,233,128	1,971,117
Lake Megantic	U.S.	39			39	55	94	39		36	75	174	249
Montreal	U.S.	22,623	615	111,870	135,108	2,569,067	2,704,175	11,480	147	81,331	92,058	2,483,694	2,576,652
	G.B.	23,828	37,563	24,115	85,506		85,506			6,182	6,182		6,182
Paspébiac	U.S.												
Quebec	U.S.	12,054	2	55,560	67,016	295,520	363,136	4,131		46,059	50,190	292,243	342,433
	G.B.	8,122		7,146	15,268		15,268						
Rimouski	U.S.	107		106	213	24,472	24,685	98		310	408	13,141	13,519
	G.B.												
Rock Island	U.S.	2,209		434	2,643	668	3,311	1,413		432	1,845	764	2,609
St. Armand	U.S.	148			148	713	861	128			128	1,089	1,217
St. Hy- acinthe	U.S.	148		282	430	1,265	1,695	41		52	93	1,259	1,352
St. Johns	U.S.	1,169		404	1,573	4,319	5,892	1,040		157	1,197	1,120	2,317
Shawinigan Falls	U.S.				712	712	43,951	44,663		431	431	35,582	36,013
	G.B.												
Sherbrooke	U.S.	6,402		26,303	32,795	8,883	41,678	6,793		25,815	32,608	6,589	39,197
Sorel	U.S.	153	100		253	45,311	45,564			53	53	44,648	44,701
	G.B.												
Sutton	U.S.	181		100	281			281	160		156	316	316
Three Rivers	U.S.	1,118		3,708	4,826	352,631	357,657	780		664	1,444	306,150	307,603
	G.B.												
Valleyfield	U.S.	2,111		1,166	3,277	30,870	34,147	1,062		408	2,070	22,078	24,148
Victoriaville	U.S.	235		521	756	50	866	102		237	339		339
Total	U.S.	846,341	26,746	700,288	1,573,375	5,878,445	7,451,820	698,339	18,835	582,222	1,299,396	4,888,239	6,187,635
	G.B.	31,950	37,563	31,261	100,774		100,774			6,182	6,182		6,182
Grand Total		878,291	61,309	731,549	1,674,149	5,878,445	7,552,594	698,339	18,835	588,404	1,305,578	4,888,239	6,193,817

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

**Imports of coal and coke briquettes not included in 1945. See footnotes tables 15 and 16.

Table 74.—Summary Statistics for Quebec in 1945—Exports, Interprovincial Shipments and Imports*, by Months and by Kinds
(Short tons)

Month	Canadian coal		Imported from U.S.A.	Imported from Great Britain
	Received from other provinces	Exported		
January—				
Anthracite.....			78,654	.....
Bituminous.....	7,863	10	183,132	.....
Total.....	7,863	10	261,786	.....
February—				
Anthracite.....			79,484	.....
Bituminous.....	5,540	691	155,213	.....
Total.....	5,540	691	234,697	.....
March—				
Anthracite.....			109,976	.....
Bituminous.....	8,179		179,477	.....
Total.....	8,179		289,453	.....
April—				
Anthracite.....			109,164	.....
Bituminous.....	28,288	49	269,465	.....
Total.....	28,288	49	378,629	.....
May—				
Anthracite.....			65,515	571
Bituminous.....	25,387		457,470	.....
Total.....	25,387		522,985	571
June—				
Anthracite.....			105,136	2,805
Bituminous.....	29,579		497,472	.....
Total.....	29,579		602,608	2,805
July—				
Anthracite.....			132,841	.....
Bituminous.....	22,600	32	560,890	.....
Total.....	22,600	32	693,737	.....
August—				
Anthracite.....			117,390	.....
Bituminous.....	30,551	245	570,951	.....
Total.....	30,551	245	688,331	.....
September—				
Anthracite.....			119,363	.....
Bituminous.....	11,588	76	550,772	.....
Total.....	11,588	76	670,135	.....
October—				
Anthracite.....			128,167	2,806
Bituminous.....	18,049	36	512,263	.....
Total.....	18,049	36	640,430	2,806
November—				
Anthracite.....			123,037	.....
Bituminous.....	19,533		499,495	.....
Total.....	19,533		622,532	.....
December—				
Anthracite.....			130,679	.....
Bituminous.....	7,056	1	451,633	.....
Total.....	7,056	1	582,312	.....
Total—				
Anthracite.....			1,299,396	6,182
Bituminous.....	214,213	1,140	4,888,239	.....
Total.....	214,213	1,140	6,187,635	6,182

* 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, 1941-1945
(Short tons)

	1941	1942	1943	1944	1945
ANTHRACITE—					
From—Great Britain, imported direct.....	41,193	27,401	16,046	10,676	.....
Great Britain, received ex-Montreal.....	145,932	40,914	33,245	16,658	6,104
United States, imported direct.....	2,321,240	2,775,025	2,483,459	2,518,343	2,002,653
Total	2,508,365	2,843,310	2,532,750	2,545,677	2,008,757
BITUMINOUS—					
From—Great Britain, imported direct.....	.....	.....	.....	.....	.....
Great Britain, received ex-Montreal.....	13,496,408	15,227,916	16,944,590	17,190,861	14,665,315
United States.....	19,260	182	.....	.....	37
Nova Scotia, received ex-mines.....	157,722	26,977	.....	.....	.....
Nova Scotia, received ex-Montreal.....	209	110	.....	.....	.....
New Brunswick, received ex-mines.....	234,608	230,991	1,190	9,997	266,357
Alberta (including sub-bituminous).....	69,935	46,634	.....	.....	608
Total	13,978,140	15,532,810	16,945,780	17,200,858	14,932,317
LIGNITE—					
From—Saskatchewan.....	24,450	13,464	14,601	16,624	18,091
Total	24,450	13,464	14,601	16,624	18,091

* Includes a small quantity received ex-Saint John, New Brunswick, for years 1941-1945.

NOTE.—Bituminous coal imported from United States as shown above, for 1945, includes 57,724 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 1945 are as follows:—

	Short tons
Anthracite—to Manitoba.....	7,529
Bituminous—to Quebec.....	569,078
Manitoba.....	804,564
Saskatchewan.....	88,932
Re-export.....	30,157

Imports of coal and coke briquettes not included in 1945. See footnotes tables 15 and 16.

Table 76.—Exports of Canadian Coal through Ontario Ports, 1941-1945
(Short tons)

Port	1941	1942	1943	1944	1945
Fort Erie.....	.....	66	187	585	.....
Fort Frances.....	3	10	43	.....	129
Windsor.....	86	.....	.....	.....	.....
Total	89	76	230	585	129

Table 77.—*Imports into Ontario of Anthracite and Bituminous Coal, by Ports of Entry,
1944 and 1945

(Short tons)

Port	Source	1944				1945**				Bituminous, all grades	Total		
		Anthra- cite	Bitum- inous, all grades	Total	Anthracite			Total					
					Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.						
CENTRAL ONTARIO—													
Amherstburg	U.S.	12,805	147,474	160,279	10,765		113	10,878	148,630	159,508			
Belleville	U.S.	21,055	78,970	100,026	15,082		1,579	16,661	85,122	101,783			
Bowmuntville	U.S.	4,501	3,341	7,842	3,397		330	3,727	2,136	5,863			
Brantford	U.S.	38,595	47,994	86,589	28,350		4,252	32,602	47,055	79,657			
Brockville	U.S.	15,038	25,381	40,419	12,215		1,068	13,283	22,473	35,756			
Chatham	U.S.	11,626	407,593	509,219	8,395		572	8,967	513,234	522,201			
Cobourg	U.S.	4,623	508,856	533,479	3,357		380	3,737	512,563	516,300			
Collingwood	U.S.	5,809	11,318	17,121	3,989		437	4,426	12,009	16,433			
Cornwall	U.S.	26,950	67,375	94,325	18,060		7,447	25,507	84,474	109,981			
Fort Erie	U.S.	196,902	207,179	404,081	146,640		22,755	169,395	258,747	425,412			
Galt	U.S.	22,885	32,763	55,648	17,821	50	1,810	19,690	27,633	47,323			
Gananoque	U.S.	5,159	6,600	11,759	3,791		257	4,048	7,550	11,598			
Goderich	U.S.	7,153	44,225	51,378	6,290		367	6,657	31,497	38,151			
Guelph	U.S.	26,250	46,642	72,892	10,688		2,044	21,732	43,140	64,872			
Hamilton	U.S.	154,370	1,838,956	1,993,326	96,243	75	22,232	118,580	1,610,842	1,729,422			
Ingersoll	U.S.	6,377	6,755	13,132	4,424		505	4,929	6,700	11,725			
Kenora	U.S.												
Kingston	U.S.	42,595	99,773	142,368	31,817		5,804	37,621	84,549	122,179			
Kitchener	U.S.	30,560	88,119	118,679	24,358	168	2,231	26,757	95,174	121,931			
Lansdowne	U.S.						6	6		6			
Lindsay	U.S.	6,036	9,383	15,419	4,984		540	5,524	5,880	11,404			
London	U.S.	51,129	28,455	79,584	30,769		5,679	36,448	24,897	61,345			
Midland	U.S.	3,540	468,766	472,306	2,936		298	3,234	408,231	411,465			
Morrisburg	U.S.	2,456	1,342	3,799	1,883	3	102	1,988	1,530	3,518			
Napanee	U.S.	4,031	22,037	26,068	2,066		336	2,402	19,453	21,855			
Niagara Falls	U.S.	294,352	884,722	1,179,071	219,600	9	20,105	239,774	665,267	1,905,257			
North Bay	U.S.	6,673	24,187	30,866	5,104	7	410	5,521	23,301	28,822			
Orillia	U.S.	6,346	5,605	11,951	4,280		910	5,190	6,004	11,194			
Oshawa	U.S.	21,810	93,117	114,927	16,678		1,844	18,522	83,396	101,918			
Ottawa	U.S.	135,590	70,559	206,119	54,283	90	39,985	94,358	64,146	158,504			
Owen Sound	U.S.	5,666	31,427	37,093	4,369		463	4,832	24,933	29,765			
Paris	U.S.	7,412	6,413	13,825	5,701		413	6,114	7,404	13,518			
Parry Sound	U.S.	2,106	581,773	583,879	1,570		91	1,661	461,843	463,504			
Peterborough	U.S.	17,669	11,917	29,586	14,210		1,604	15,820	13,397	29,217			
Picton	U.S.	6,954	22,551	29,585	4,803		48	4,851	13,258	18,109			
Pigeon River	U.S.								6	6			
Port Hope	U.S.	6,386	21,331	27,715	5,105		323	5,488	17,831	23,319			
Prescott	U.S.	29,886	798,844	828,730	14,203	62	8,278	22,543	753,539	776,082			
St. Catharines	U.S.	11,857	57,057	68,914	21,912		2,635	24,547	60,904	95,541			
St. Thomas	U.S.	6,284	235,299	241,583	11,615		869	12,454	205,504	217,988			
Sarnia	U.S.	4,619	875,134	879,753	2,434	45	584	3,063	1,383,318	1,386,381			
Sault Ste. Marie	U.S.	28,195	3,204,017	3,232,212	3,239	9	209	3,457	2,486,245	2,189,702			
Simcoe	U.S.	7,607	29,329	36,936	4,633		435	5,068	23,306	28,371			
Stratford	U.S.	34,282	38,721	53,003	26,461		5,088	31,549	32,815	64,361			
Sudbury	U.S.	13,048	13,160	26,208	6,869		1,321	8,190	11,357	19,547			
Thordorf	U.S.	9,617	187,266	196,983	7,125		472	7,597	180,014	183,611			
Tillsonburg	U.S.	3,784	361,789	365,573	3,117		109	3,226	381,212	384,438			
Toronto	U.S.	1,013,917	1,951,934	2,963,541	640,225	63	132,697	772,985	1,744,673	2,517,658			
	G.B.	10,676		10,676									
Toronto West	U.S.	16,884	61,446	78,310	13,158		1,218	14,376	19,231	33,607			
Trenton	U.S.	4,430	40,038	44,468	3,312		241	3,553	40,584	41,137			
Waterville	U.S.	12,409	166,326	178,825	10,051	175	142	10,368	117,724	125,092			
Wallaceburg	U.S.	1,754	43,092	44,816	3,352			1,352	9,754	11,106			
Welland	U.S.	57,416	319,891	377,367	31,547	97	30,298	61,942	277,737	339,679			
Whitby	U.S.												
Windsor	U.S.	39,157	1,151,350	1,190,587	29,618	484	719	30,821	1,052,077	1,082,898			
Woodstock	U.S.	10,889	16,940	27,829	7,651		1,506	9,157	15,987	25,144			
TOTAL FOR CENTRAL ONTARIO	U.S.	2,517,514	15,654,562	18,172,076	1,671,671	1,346	334,191	2,007,208	14,236,472	16,243,896			
	G.B.	10,676		10,676									

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

† Includes 216 tons of lignite coal.

** Imports of coal and coke briquettes not included in 1945. See footnotes tables 15 and 16.

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

1944 and 1945—Concluded

(Short tons)

Port	Source	1944			1945**					Total	
		Anthra-cite	Bitum-inous, all grades	Total	Anthracite			Total	Bitum-inous, all grades		
					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.	43	364,674	364,717	42	.....	.....	42	290,856	290,898
Fort William.....	U.S.	7,656	2,195,070	2,202,726	2,932	.....	.....	2,932	1,320,728	1,323,660
Port Arthur.....	U.S.	87	271,617	271,704	.....	.....	.....	.....	262,266	262,266
TOTAL HEAD OF LAKES	U.S.	7,786	2,831,381	2,839,147	2,974	.....	.....	2,974	1,873,850	1,876,824
Total for Ontario....	U.S.	2,525,300	18,485,923	21,011,223	1,674,645	1,346	334,191	2,010,182	16,110,322	18,120,720	
Grand total.....		2,535,976	18,485,923	21,021,899	1,674,645	1,346	334,191	2,010,182	16,110,322	18,120,720	

Table 78.—Summary Statistics for Ontario in 1945—Interprovincial Shipments, Exports, Imports* and Coal made Available for Consumption, by Months and by Kinds
(Short tons)

Month	Canadian Coal		Imported from U.S.A.		Coal Available for consumption	
	Received from other Provinces	Exported		Central Ontario		
		Total Ontario	Central Ontario	Head of Lakes		
January—						
Anthracite				145,294	145,294	
Bituminous	751		44	332,959	372,405	
Sub-bituminous	3,621				3,621	
Lignite	2,405				2,405	
Total	6,777		44	478,253	523,725	
February—						
Anthracite				136,530	136,530	
Bituminous	4,047		31	347,424	381,977	
Sub-bituminous	12,528				12,528	
Lignite	1,805		2		1,803	
Total	18,380		33	483,954	532,838	
March—						
Anthracite				191,562	191,562	
Bituminous	1,050		43	397,027	416,027	
Sub-bituminous	9,698				9,698	
Lignite	1,102				1,102	
Total	11,850		43	588,589	618,389	
April—						
Anthracite				192,285	192,285	
Bituminous	8,100			654,832	717,997	
Sub-bituminous	13,706				13,706	
Lignite	1,538				1,538	
Total	23,344			847,117	925,526	
May—						
Anthracite				99,956	99,956	
Bituminous	5,650			1,595,824	1,776,061	
Sub-bituminous	6,968				6,968	
Lignite	888				888	
Total	13,506			1,895,780	1,883,873	
June—						
Anthracite				162,751	162,751	
Bituminous	5,389			1,777,477	2,003,751	
Sub-bituminous	8,596				8,596	
Lignite	1,429				1,429	
Total	15,414			1,940,228	2,176,527	
July—						
Anthracite				202,440	202,482	
Bituminous	3,703			1,813,075	2,071,870	
Sub-bituminous	32,459				32,459	
Lignite	702			216	818	
Total	36,864			2,016,331	2,307,729	
August—						
Anthracite				172,293	172,293	
Bituminous	4,394			1,636,805	1,924,246	
Sub-bituminous	45,685				45,685	
Lignite	1,099				1,099	
Total	51,178			1,809,098	2,143,323	
September—						
Anthracite				162,450	165,382	
Bituminous	1,573			1,733,795	1,957,574	
Sub-bituminous	18,435				18,435	
Lignite	1,421				1,421	
Total	21,429			1,896,245	2,142,812	

Table 78.—Summary Statistics for Ontario in 1945—Interprovincial Shipments, Exports, Imports* and Coal made Available for Consumption, by Months and by Kinds—Concluded

(Short tons)

Month	Canadian Coal			Imported from U.S.A.		Coal Available for consumption	
	Received from other Provinces	Exported					
		Total Ontario	Central Ontario	Head of Lakes	Central Ontario		
October—							
Anthracite				203,158		203,158	
Bituminous	3,620			1,550,152	223,098	1,776,870	
Sub-bituminous	23,680					23,680	
Lignite	2,190					2,190	
Total	29,490			1,753,310	223,098	2,005,898	
November—							
Anthracite				169,909		169,909	
Bituminous	8,055		6	1,205,341	244,757	1,458,147	
Sub-bituminous	26,339					26,339	
Lignite	2,389					2,389	
Total	36,783		6	1,375,250	244,757	1,656,784	
December—							
Anthracite				168,580		168,580	
Bituminous	3,365		3	1,191,161	108,444	1,302,967	
Sub-bituminous	15,590					15,590	
Lignite	1,123					1,123	
Total	20,078		3	1,359,741	108,444	1,488,260	
Total—							
Anthracite				2,007,208	2,974	2,010,182	
Bituminous	49,697		127	14,236,472	1,873,856	16,159,892	
Sub-bituminous	217,365					217,365	
Lignite	18,091		2	216		18,365	
Total	285,093		129	16,243,896	1,876,824	18,405,684	

* Direct imports into Ontario. See footnote to table 75 for transhipments from Quebec. Imports of briquettes not included. See footnotes, tables 15 and 16.

† Direct shipments from mines.

CHAPTER SEVEN

MANITOBA

Table 79.—Exports of Canadian Coal through Manitoba Ports, 1941-1945
(Short tons)

Port	1941	1942	1943	1944	1945
Brandon.....	4	4			
Emerson.....	53	46	202	451	465
Gretta.....	20				13
Winnipeg.....	1,200	753	721	460	518
Total.....	1,277	803	923	911	936

Table 80.—*Imports into Manitoba and the Head of Lakes, of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1944 and 1945
(Short tons)

Port	Source	1944				1945				Bitum- inous, all grades	Lig- nite	Total			
		Anth- racite	Bitum- inous, all grades	Lig- nite	Total	Anthracite									
						Grate, egg, stove, nut, doubles, cobbles, and trebles	Screen- ings or dust	Peas, beans and smaller sizes n.o.p.	Total						
MANITOBA—															
Brandon.....	U.S.		114		114					129		129			
Emerson.....	U.S.														
Gretta.....	U.S.														
Winnipeg.....	U.S.	9,723	16,141		25,864	484	48	5,666	6,198	20,268		26,466			
Total for Manitoba	U.S..	9,723	16,255		25,978	484	48	5,666	6,198	20,397		26,585			
HEAD OF LAKES—															
Fort Frances.....	U.S.	43	364,674		364,717	42				42	290,850	290,898			
Fort William.....	U.S.	7,656	2,195,070		2,202,726	2,932				2,932	1,320,728	1,323,660			
Port Arthur.....	U.S.	87	271,617		271,704						262,266	262,266			
Total Head of Lakes	U.S..	7,756	2,831,361		2,839,147	2,974				2,974	1,873,850	1,876,824			
Total for Manitoba and Head of Lakes	U.S..	17,509	2,847,616		2,865,123	3,458	48	5,666	9,172	1,894,247		1,903,419			

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

Table 81.—Summary Statistics for Manitoba in 1945—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			Coal available for consumption
	Output	Received from other provinces	Exported	
JANUARY—				
Anthracite.....				1,144 1,144
Bituminous.....	36,719	43		37,606
Sub-bituminous.....	40,106			40,106
Lignite.....	118,495	84		118,411
Total.....	195,320		127	2,074 107,267
February—				
Anthracite.....				393 393
Bituminous.....	31,447	134	1,445	32,758
Sub-bituminous.....	35,796			35,796
Lignite.....	89,161			89,161
Total.....	156,404		134	1,838 158,108
March—				
Anthracite.....				407 407
Bituminous.....	25,617	86	1,320	26,851
Sub-bituminous.....	23,302			23,302
Lignite.....	59,019			59,019
Total.....	107,938		86	1,727 109,579
April—				
Anthracite.....				357 357
Bituminous.....	20,104	97	404	20,411
Sub-bituminous.....	11,266			11,266
Lignite.....	51,828			51,828
Total.....	83,198		97	761 83,862
May—				
Anthracite.....				482 482
Bituminous.....	20,258			2,001 23,150
Sub-bituminous.....	14,865			14,865
Lignite.....	41,646			41,646
Total.....	76,769			3,383 80,152
June—				
Anthracite.....				447 447
Bituminous.....	29,881	322	3,373	32,932
Sub-bituminous.....	21,026			21,026
Lignite.....	20,559			20,559
Total.....	71,466		322	3,820 74,964
July—				
Anthracite.....				575 575
Bituminous.....	29,418	92	3,505	32,831
Sub-bituminous.....	10,308			10,308
Lignite.....	22,090			22,099
Total.....	61,825		92	4,080 65,813
August—				
Anthracite.....				481 481
Bituminous.....	33,391	4	1,664	35,081
Sub-bituminous.....	24,849			24,849
Lignite.....	29,161			29,161
Total.....	87,401		4	2,175 89,572
September—				
Anthracite.....				480 480
Bituminous.....	28,219	4	506	28,721
Sub-bituminous.....	19,050			19,950
Lignite.....	41,092			41,092
Total.....	89,301		4	986 90,243
October—				
Anthracite.....	23,638	45	1,890	25,488
Bituminous.....	18,032			18,032
Sub-bituminous.....	113,188			113,188
Lignite.....				
Total.....	154,858		45	2,358 157,171

Table 81.—Summary Statistics for Manitoba in 1945—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		
November—					
Anthracite.....				491	491
Bituminous.....	53,721			1,456	55,177
Sub-bituminous.....	43,719				43,719
Lignite.....	112,134				112,134
Total.....	209,574			1,947	211,521
December—					
Anthracite.....				473	473
Bituminous.....	46,512		85	973	47,400
Sub-bituminous.....	39,814				39,814
Lignite.....	111,973				111,973
Total.....	198,299		85	1,446	199,660
Total—					
Anthracite.....				6,198	6,198
Bituminous.....	378,925		912	20,397	398,410
Sub-bituminous.....	383,033				383,033
Lignite.....	810,355		84		810,271
Total.....	1,492,313		996	26,595	1,517,912

CHAPTER EIGHT
SASKATCHEWAN

Table 82.—Output of Coal from Saskatchewan Mines, 1887-1945

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$			\$
1887.....(a).....400.....800.....1908.....150,556.....253,790.....1929.....580,189.....993,228								
1888.....8,325.....12,485.....1914.....232,299.....374,245.....1930.....579,424.....968,868								
1889.....15,051.....15,153.....1915.....240,107.....365,246.....1931.....662,836.....945,259								
1890.....200.....200.....1911.....206,779.....347,248.....1932.....887,139.....1,229,446								
1891.....5,400.....9,325.....1913.....212,897.....358,192.....1933.....927,644.....1,285,996								
1892.....8,325.....15,153.....1915.....232,299.....374,245.....1934.....909,288.....1,241,130								
1893.....15,769.....31,538.....1916.....281,300.....441,836.....1935.....921,785.....1,293,668								
1894.....15,769.....25,059.....1917.....355,445.....662,451.....1936.....1,020,792.....1,463,680								
1895.....25,000.....37,500.....1918.....346,847.....722,148.....1937.....1,049,345.....1,494,337								
1896.....25,000.....37,500.....1919.....376,347.....819,390.....1938.....1,022,166.....1,380,416								
1897.....25,000.....37,500.....1920.....335,222.....797,828.....1939.....960,000.....1,255,862								
1898.....25,000.....37,500.....1921.....335,632.....823,180.....1940.....1,097,517.....1,408,540								
1899.....40,500.....60,750.....1922.....382,437.....802,053.....1941.....1,322,763.....1,713,478								
1900.....45,000.....72,000.....1923.....438,100.....858,445.....1942.....1,301,116.....1,760,065								
1901.....70,400.....112,640.....1924.....479,118.....886,666.....1943.....1,665,972.....2,432,249								
1902.....116,703.....169,618.....1925.....471,965.....870,875.....1944.....1,372,766.....2,934,914								
1903.....124,885.....187,021.....1926.....439,803.....819,300.....1945.....1,532,995.....2,327,082								
1905.....107,596.....152,334.....1926.....439,803.....819,300.....Total.....25,543,716.....39,468,378								
1906.....108,398.....164,146.....1927.....470,216.....868,867.....1946.....1,532,995.....2,327,082								
1907.....151,232.....252,437.....1928.....471,713.....831,491.....1947.....1,532,995.....2,327,082								

(a) From Turtle Mountain district, Manitoba.

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

*For the years 1919-1945 the tonnage shown is the total output from all mines; for previous years the figures given include only sales, colliery consumption and coal used by the operators.

Table 83.—Output of Coal from Saskatchewan Mines, by Months, 1941-1945
(Short tons)

Month	1941	1942	1943	1944	1945
January.....	161,574	179,521	166,583	142,785	203,838
February.....	138,420	148,451	142,903	131,351	149,410
March.....	116,586	99,566	113,202	146,660	112,395
April.....	67,202	88,845	82,135	69,678	91,399
May.....	49,053	55,766	80,407	63,578	79,251
June.....	48,727	54,928	77,280	41,798	44,707
July.....	34,130	59,190	91,949	48,067	44,946
August.....	41,307	55,897	118,599	66,441	53,190
September.....	106,860	80,735	153,616	113,070	105,951
October.....	168,805	123,246	189,449	171,741	220,345
November.....	194,506	169,631	265,733	192,986	224,086
December.....	195,583	185,446	184,116	184,601	203,477
Total.....	1,822,763	1,301,116	1,665,972	1,372,766	1,532,995

Table 84.—Output of Coal by Principal Collieries in Saskatchewan for 1943-1945
(Average of 500 tons or more per month)

(Short tons)

Name	Address	1943	1944	1945
Banks, H.	Pinto	7,050	3,304	2,847
Banilis Bros.	Bienfait	9,094		
Eastern Collieries of Bienfait	Estevan	91,296	91,887	101,120
Estevan Coal Co. (formerly Estevan Strip Mine)	Estevan	3,850		
Havannah Collieries Ltd.	Estevan	24,159	15,261	25,617
High Test Lignite Coal Co. Ltd.	Bienfait	2,892		
Jenish Bros.	Estevan	29,237	19,532	15,507
Manitoba and Saskatchewan Coal Co., Ltd.	503 Avenue Block, Winnipeg, Man.	374,174	401,853	381,244
Matheson & Uhrich	Pinto	5,785	5,928	4,088
North West Coal Co. (A. Konopaki)	Bienfait	21,508	9,875	8,178
Roche Perce Coal Mining Co. Ltd.	Roche Perce	141,780	50,543	126,045
Rock Springs Coal Co. (e/o M. Rohatyn)	Pinto	6,574	1,138	
South Cambrian Ltd.	Pinto	38,916	23,682	27,285
Western Dominion Coal Mines Ltd.	Taylortown	850,295	706,636	800,705
All other operators		62,245	40,035	40,299
Total		1,665,972	1,372,766	1,532,995

Table 85.—Tonnage Lost in Saskatchewan Coal Mines, Showing the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1944 and 1945

Year	Per cent produced	Per cent lost	Percentage lost through:				
			Absenteeism	Lack of orders	Car shortage	Mine disability	Other causes
1944	82	18	0.2	16.4		0.4	1.0
1945	84	16	0.3	14.4		0.2	1.1

Table 86.—Disposition of Coal from Saskatchewan Mines, by Grades, 1944 and 1945

(Short tons)

Disposition	1944		1945				Total	
	Total		Run-of-mine	Cobble and lump	Nut and other grades	Slack		
	Quantity	Value				Quantity	Value	
Supplied to employees for domestic consumption	10,626	6,724	643	1,876	101	9,506	13,126	8,559
Shipped as per Table 87	1,313,367	2,004,847	42,903	208,002	604,314	526,278	1,471,197	2,332,264
Used under colliery boilers, etc.	21,902	19,257	36	95	4,908	15,975	21,104	18,123
Used in making briquettes	43	19						
Used by companies' railroads	6,289	7,954		3,706	3,467		7,173	9,076
Put on bank	21,125	24,125		1,038	6,540	13,043	20,621	21,917
Put on waste heap	25,974						22,256	
Total disposition	1,402,326	2,062,926	43,582	304,717	619,420	564,802	1,554,777	2,349,941
Lifted from bank	29,560	28,012	20	1,270	7,107	13,385	21,782	22,859
Total output	1,372,766	2,034,914	43,562	303,447	612,313	551,417	1,532,995	2,327,082

Table 87.—Shipments of Coal from Saskatchewan Mines, by Grades and Destination, 1944 and 1945
(Short tons)

Destination	1944					1945				
	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.....	43,438	115,000	237,540	168,279	565,157	42,647	156,482	250,115	177,555	635,799
Alberta.....			217		217			305	42	347
British Columbia.....										
Manitoba.....	106,156	280,648	340,581	727,393		136,246	320,566	347,543		810,355
Ontario.....	63	16,305	256	16,624		169	16,784	1,138		18,091
United States.....	154	2,849	971	3,374		256	5,105	1,544		6,905
Railroads—										
In Canada.....										
In United States.....										
Total.....	43,592	224,968	535,681	599,126	1,313,367	42,903	298,002	604,314	526,278	1,471,487

Table 88.—Exports of Canadian Coal through Saskatchewan Ports, 1941-1945
(Short tons)

Port	1941	1942	1943	1944	1945
Moose Jaw.....	491	870	1,320	1,385	1,249
North Portal.....	1,516	1,735	3,283	6,925	14,986
Regina.....	191	15	96	48	45
Total.....	2,198	2,620	4,699	8,358	16,280

Table 89.—*Imports into Saskatchewan of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1944 and 1945
(Short tons)

Port	Source	1944					1945					
		Anthra-	Bitum-	Lign-	Total	Anthracite				Bitum-	Lign-	Total
						Grate, egg, stove, nut, d'bles cobbles and trebles	Screen- ings or dust	Pens, beans, and smaller sizes, n.o.p.				
Moose Jaw.....	U.S.....		43		43					84		84
North Portal.....	U.S.....	45		45						45	5	50
Prince Albert.....	U.S.....	84		84						44		44
Regina.....	U.S.....	43		43	1				1	129	30	160
Saskatoon.....	U.S.....	341		341						340		340
Total.....	U.S.....	556		556	1				1	612	35	678

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

Table 90.—Summary Statistics for Saskatchewan in 1945—Output, Exports, Inter-provincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds

(Short tons)

Month	Canadian coal				Imported from U.S.A.	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
January—						
Bituminous.....		25,131				25,131
Sub-bituminous.....		113,070				113,070
Lignite.....	203,838		121,118	1,305		81,415
Total.....	203,838	138,201	121,118	1,305		219,616
February—						
Bituminous.....		22,880			1	22,918
Sub-bituminous.....		98,071				98,071
Lignite.....	149,410		90,986	3,399		55,045
Total.....	149,410	120,951	90,986	3,400	39	178,034
March—						
Bituminous.....		16,286				16,286
Sub-bituminous.....		82,190				82,190
Lignite.....	112,395		60,121	650		51,624
Total.....	112,395	98,476	60,121	650		150,100
April—						
Bituminous.....		11,336				11,336
Sub-bituminous.....		63,261				63,261
Lignite.....	91,399		53,366	1,920		36,113
Total.....	91,399	74,597	53,366	1,920		110,710
May—						
Bituminous.....		11,501			171	11,672
Sub-bituminous.....		65,259				65,259
Lignite.....	79,251		42,534	702		36,015
Total.....	79,251	76,760	42,534	702	171	112,946
June—						
Anthracite.....					1	1
Bituminous.....		16,601			89	16,690
Sub-bituminous.....		87,451				87,451
Lignite.....	44,707		21,988	114		22,605
Total.....	44,707	104,052	21,988	114	90	126,747
July—						
Bituminous.....		14,466			44	14,510
Sub-bituminous.....		44,208				44,208
Lignite.....	44,946		22,801	50		22,095
Total.....	44,946	58,674	22,801	50	44	80,813
August—						
Bituminous.....		15,585			83	15,668
Sub-bituminous.....		88,091				88,091
Lignite.....	53,190		30,260	768		22,162
Total.....	53,190	103,676	30,260	768	83	125,921
September—						
Bituminous.....		15,412			88	15,419
Sub-bituminous.....		74,081				74,681
Lignite.....	105,951		42,513	151		63,287
Total.....	105,951	90,093	42,513	232	88	153,387
October—						
Bituminous.....		9,100			128	8,995
Sub-bituminous.....		68,461				68,461
Lignite.....	220,345		115,464	979		103,902
Total.....	220,345	77,651	115,464	1,302	128	181,358

Table 90.—Summary Statistics for Saskatchewan in 1945—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.....	25,542			92		25,450
Sub-bituminous.....	143,691					143,691
Lignite.....	224,086		114,523	1,072	30	108,521
Total.....	224,086	169,233	114,523	1,164	30	277,662
December—						
Bituminous.....	24,325			241		24,084
Sub-bituminous.....	138,743					138,743
Lignite.....	203,477		113,139	4,432	5	85,911
Total.....	203,477	163,068	113,139	4,673	5	248,738
Total—						
Anthracite.....					1	1
Bituminous.....	308,255			738	642	208,159
Sub-bituminous.....	1,067,177					1,067,177
Lignite.....	1,532,995		828,793	15,542	35	688,695
Total.....	1,532,995	1,275,432	828,793	16,280	678	1,964,032

Table 91.—Employees, Salaries and Wages in the Coal Mines of Saskatchewan, 1944 and 1945

	1944	1945
Number of salaried employees—		
Male.....	46	42
Female.....	8	8
Number of daily wage earners—		
Surface.....	263	272
Underground.....	338	243
Total.....	601	515
Salaries and wages—		
Salaries.....	101,824	94,036
Wages.....	897,011	821,455
Total.....	998,835	915,491

Table 92.—Employment at Coal Mines in Saskatchewan, 1941-1945

	1941	1942	1943	1944	1945
Average number of employees—					
Surface.....	254	252	331	309	316
Underground.....	359	340	302	346	249
Total.....	613	592	723	655	565
Man-days worked—					
Surface.....	71,121	72,276	92,719	75,329	75,345
Underground.....	87,360	93,155	107,749	83,164	66,550
Total.....	158,481	165,431	200,468	158,493	131,894
Average number of man-days worked during year—					
By surface employees.....	280	287	280	247	238
By underground employees.....	243	268	275	240	227
By all employees.....	259	272	277	243	233

Table 93.—Employment and Work Done, by Months, at Coal Mines in Saskatchewan in 1945

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	386	430	816	9,229	9,887	19,116
February.....	355	381	736	6,963	7,507	14,470
March.....	325	304	629	5,492	5,323	10,815
April.....	289	230	519	4,905	3,360	8,265
May.....	285	205	490	5,032	3,103	8,135
June.....	273	184	457	4,218	2,074	6,292
July.....	269	141	410	4,138	2,044	6,182
August.....	287	141	428	4,465	1,920	6,385
September.....	293	157	450	5,534	2,909	8,443
October.....	338	241	579	8,361	5,485	13,846
November.....	342	288	630	8,626	6,812	15,438
December.....	344	285	629	8,382	6,135	14,517
Total.....				75,245	56,559	131,904

Table 94.—Employment at Coal Mines in Saskatchewan, by Classes, 1944 and 1945

Classification	1944			1945		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	8		8	11	1	12
Foreman and officials.....	15	16	31	17	11	28
Clerks.....	28		28	25		25
Screenmen and loaders.....	59	2	61	61	13	74
Stripping shovel operators.....	24		24	27		27
Hand cutters and helpers.....		83	83		60	60
Machine cutters and helpers.....		28	28		20	20
Machine loaders and helpers.....		78	78		57	57
Horse haulage employees.....	2	19	21	1	16	17
Mechanical haulage employees.....	20	16	36	22	11	33
Ventilation employees.....		1	1		1	1
Roadmakers.....	7	40	47	4	19	23
Timbermen.....		14	14		9	9
Pumpmen.....	3	5	8	2	3	5
Lading shovel.....	14		14	17		17
Cleaning shovel.....	3		3	4		4
Chute loaders.....	3		3			
Enginemen.....	10		10	8		8
Firemen.....	11	1	12	10	1	11
Machinists.....	7	3	10	7	3	10
Carpenters and masons.....	10		10	6		6
Other mechanics.....	8		8	10		10
All other employees.....	77	40	117	84	24	108
Total.....	309	346	655	316	249	565

CHAPTER NINE

ALBERTA†

Table 95.—Output of Coal from Alberta Mines, 1886-1945

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
	\$			\$			\$	
1886.....	43,220	81,112	1906.....	1,246,360	2,614,762	1926.....	6,503,705	20,886,103
1887.....	74,152	157,577	1907.....	1,591,579	3,836,286	1927.....	6,934,162	21,982,058
1888.....	115,124	183,354	1908.....	1,685,661	4,127,311	1928.....	7,330,330	23,532,414
1889.....	97,364	179,640	1909.....	1,994,741	4,838,100	1929.....	7,150,093	22,928,182
1890.....	128,753	198,298	1910.....	2,894,469	7,065,730	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	12,558,099
1895.....	160,885	382,526	1915.....	3,360,818	8,283,079	1935.....	5,462,394	14,094,795
1896.....	209,162	581,832	1916.....	4,559,054	11,386,577	1936.....	5,696,960	14,659,705
1897.....	242,163	630,408	1917.....	4,738,368	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.....	5,510,208	14,415,281
1900.....	311,450	778,625	1920.....	6,907,765	30,186,933	1940.....	6,203,839	16,377,950
1901.....	340,275	850,687	1921.....	5,909,217	27,246,514	1941.....	6,960,962	10,382,471
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.....	7,676,726	24,030,688
1904.....	661,732	1,404,524	1924.....	5,189,729	18,884,318	1944.....	7,428,708	20,814,937
1905.....	931,917	1,993,915	1925.....	5,869,031	20,021,484	1945.....	7,800,151	27,751,377
						Total.....	211,676,919	656,178,244

*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 96.—Output of Coal from Alberta Mines, by Months, 1941-1945

(Short tons)

Month	1941	1942	1943	1944	1945
January.....	716,917	829,036	671,441	723,415	784,260
February.....	554,741	649,704	701,203	587,284	699,490
March.....	492,912	587,494	752,083	577,794	659,741
April.....	368,722	527,627	566,261	496,681	592,276
May.....	414,196	435,685	569,279	554,833	510,380
June.....	414,117	576,111	614,796	512,757	616,220
July.....	423,825	627,438	609,424	514,931	528,900
August.....	608,716	661,087	657,874	630,773	670,449
September.....	757,720	648,424	641,653	641,885	565,680
October.....	709,723	700,018	664,694	687,014	439,985
November.....	715,012	721,428	508,921	763,305	898,938
December.....	703,361	789,941	714,397	739,030	824,820
Total.....	6,963,962	7,751,853	7,676,726	7,428,708	7,800,151

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

Table 97.—Output of Coal by Districts, in Alberta, 1943-1945
(Short tons)

District	1943	1944	1945
BITUMINOUS—			
Cascade*	343,476	363,314	318,036
Coalspur	713,082	651,340	617,266
Crowsnest	1,962,457	1,943,277	1,856,542
Halcourt	1,872	618	584
Highwood			
Lethbridge	579,287	481,844	461,678
Magrath			
Morley			1,344
Mountain Park	843,411	892,954	970,301
Nordegg	320,549	351,869	315,857
Pekisko	11,802	5,864	2,739
Pincher	451	660	241
Prairie Creek	2,128	7,637	6,183
Saunders	64,789	63,926	59,926
Total Bituminous	4,843,304	4,763,303	4,600,597
Sub-bituminous			
Ardley	10,239	7,109	14,067
Big Valley	12,836	5,471	7,819
Brooks	29,129	58,365	220,111
Camrose	63,834	65,303	84,837
Carbon	68,475	46,896	71,215
Castor	59,674	40,896	85,125
Champion	11,776	7,177	7,309
Drumheller	1,838,658	1,678,322	1,722,677
Edmonton	456,870	389,333	408,304
Gleichen	21,369	16,430	18,101
High Prairie			85
Milk River	2,034	1,024	2,323
Pakon			
Pakowki	419	216	385
Pembina	53,611	72,251	64,751
Redcliff	28,165	10,603	10,630
Rochester	7,288	4,257	7,595
Sexsmith			
Sheerness	58,039	49,780	60,223
Steveville			
Taber	20,596	74,930	244,204
Tofield	85,268	101,895	167,818
Westlock			150
Wetaskiwin	3,272	1,085	1,595
Whitecourt	179	287	118
Area not designated	191	3,169	112
Total Sub-bituminous	2,833,422	2,665,405	3,199,554
Total Alberta	7,676,726	7,428,708	7,800,151

*Includes a small quantity of anthracite coal.

Table 98.—Output of Coal by Principal Collieries in Alberta, 1943-1945
 (Average of 500 tons or more per month)
 (Short tons)

Name and address	1943	1944	1945
BITUMINOUS			
CASCADE DISTRICT—			
Canmore Mines, Ltd., Canmore.....	341,293	301,318	316,383
All other operators.....	2,183	1,996	1,653
Total.....	343,476	363,314	318,030
COALFIELD DISTRICT—			
Coal Valley Mining Co., Ltd., Edmonton.....	181,135	137,240	4,200
Foothills Collieries, Ltd., Foothills.....	90,456	117,204	120,190
Lakeside Coal Ltd., Edmonton.....	76,135	34,420	22,983
McLeod River Hard Coal Co., (1941) Ltd., Nanaimo, B.C.....	183,070	217,472	289,868
Sterling Collieries Ltd., Edmonton.....	170,755	143,180	179,811
Thirty-Two Collieries Ltd., Edmonton (Bryon Hard Coal Co. Ltd., Dec. 1945).....	11,531	1,824	214
All other operators.....			
Total.....	713,082	651,340	617,266
CROWNWEST DISTRICT—			
Hillerest Mohawk Collieries Ltd., Bellevue.....	272,085	293,299	288,053
International Coal and Coke Co., Ltd., Coleman.....	428,736	425,792	389,679
McGillivray Creek Coal and Coke Co., Ltd., Coleman.....	268,708	249,813	261,445
West Canadian Collieries, Ltd., Blairmore.....	989,517	972,865	906,332
All other operators.....	3,411	1,508	1,033
Total.....	1,962,457	1,943,277	1,856,542
HALCOURT DISTRICT.			
HIGHWOOD DISTRICT.			
LETHBRIDGE DISTRICT—			
Chester Mine, Lethbridge.....	23,206	20,667	24,331
Hamilton, J. J., Coal Co., Lethbridge.....	26,161	17,463	24,470
Lethbridge Collieries, Ltd. (Mine 1263), Lethbridge.....	224,222	180,044	177,814
Lethbridge Collieries Ltd. (Mine 1464), Lethbridge.....	286,722	245,381	220,803
New Royal View Mine (previously Strickland & Tennant), N. Lethbridge.....	9,349	8,517	850
All other operators.....	9,627	3,772	3,310
Total.....	579,287	481,844	451,578
MAGRATH DISTRICT.			
MORLEY DISTRICT.			1,344
MOUNTAIN PARK DISTRICT—			
Cadomin Coal Co., Ltd., Cadomin (mine office); Edmonton (business office).....	294,706	327,017	454,177
K. D. Collieries Ltd., Saskatoon, Sask.....	29,013	42,831	30,031
Luscar Collieries, Ltd., Edmonton.....	302,882	274,295	245,528
Mountain Park Collieries, Ltd., 410 Tegler Bldg., Edmonton.....	246,810	248,811	231,565
Total.....	843,411	802,951	970,301
NORDEGG DISTRICT—			
Brazeau Collieries Ltd., Nordegg.....	320,549	351,869	315,857
Total.....	320,549	351,869	315,857
PEKIAKO DISTRICT—			
Swan H. Priddis.....	7,430	2,312	
All other operators.....	4,372	3,552	2,739
Total.....	11,802	5,864	2,739
PINCHER DISTRICT.			
PRairie CREEK DISTRICT—			
Jasper Coals, Ltd., Edmonton.....	2,128	7,637	6,183
Total.....	2,128	7,637	6,183
SAUNDERS DISTRICT—			
Alexo Coal Co., Ltd., Alexo.....	24,700	24,519	26,601
Bighorn and Saunders Creek Collieries, Ltd., Saunders.....	40,089	39,407	33,325
All other operators.....			
Total.....	64,789	63,926	59,926
Total bituminous.....	4,843,304	4,763,303	4,600,597

Table 98.—Output of Coal by Principal Collieries in Alberta, 1943-1945
 (Average of 500 tons or more per month)—Continued
 (Short tons)

Name and Address	1943	1944	1945
Sub-Bituminous—Concluded			
ARDLEY DISTRICT.....	10,239	7,109	14,067
BIG VALLEY DISTRICT—			
Big Valley Coal Co., (J. McAllister) Big Valley.....	11,234	4,187	5,986
All other operators.....	1,602	1,284	1,833
Total.....	12,836	5,471	7,819
BROOKS DISTRICT—			
Birnwel Coal Ltd. (formerly Kleenburn Collieries Ltd.), Calgary.....	20,553	85,060	220,111
Kleenburn Collieries Ltd., Eyremore.....	8,576	2,305	
Total.....	29,129	88,365	220,111
CAMROSE DISTRICT—			
Camrose Collieries Ltd., Camrose.....	7,100	27,989	46,319
Red Flame Coal Co., Ltd., Round Hill.....	38,903	31,345	32,465
Stoney Creek Collieries, Ltd., Camrose.....	14,402	3,718	1,270
All other operators.....	3,279	2,248	4,783
Total.....	63,834	65,303	84,837
CARBON DISTRICT—			
East Carbon Coal Co., (Fox Bros.), Carbon.....	10,097	5,358	5,938
Inland Coal Co., Ltd. (previously Canadian Dianant Coal Co.), Three Hills.....	31,803	15,384	33,677
Pastorchik—Partners (formerly J. D. Morel), Three Hills.....	5,081	3,280	3,254
Peerless Coal Co. (formerly Peerless Carbon Collieries Ltd.), Carbon.....	6,778	9,627	9,942
All other operators.....	14,620	13,247	18,404
Total.....	68,476	46,896	71,215
CANTOR DISTRICT—			
Bish Bros., Forestburg.....	9,134	5,835	6,632
Castor Creek Collieries Ltd., Castor.....	763	4,585	36,769
Muncy, H. C., Foreman.....	7,760	3,801	3,658
All other operators.....	42,017	26,585	38,068
Total.....	59,674	40,896	85,125
CHAMPION DISTRICT.....	11,776	7,177	7,309
DRUMHELLER DISTRICT—			
Aetna Coal Co., Ltd., East Coulee.....	29,000	22,704	20,700
Arendia Coal Mines Ltd., Willow Creek.....	1,161	8,052	12,650
Brilliant Coal Co., Drumheller.....	120,628	93,036	96,802
Burn Brite Coal Co., Drumheller.....	2,788	217	657
Comet Coal Co., Ltd., East Coulee.....			
Empire Collieries Ltd., East Coulee.....	42,363	55,090	61,076
Hy-Grade Coal Mining Co., Ltd., Drumheller.....	121,680	92,952	94,727
Ideal Coal Co., Ltd., Wayne.....	18,194	15,858	19,093
Maple Leaf Minerals Ltd., Drumheller.....	54,343	55,905	19,752
Midland Coal Mining Co., Ltd., Drumheller.....	237,888	224,298	218,877
Minute Coal Co., Drumheller.....	19,840	8,078	18,255
Monarch Coal Mining Co., Ltd. (Western Monarch), Calgary.....	117,824	107,689	125,061
Monarch Coal Mining Co., Ltd. (Western Crown Mine), Calgary.....	13,739	20,703	20,399
Murray Collieries Ltd., East Coulee.....	171,955	142,652	150,045
Newcastle Collieries Ltd., Drumheller.....	148,455	110,135	91,300
Red Deer Valley Coal Co., Ltd., Drumheller.....	220,484	185,098	164,091
Regal Coal Co., Ltd. (Atlas Mine), East Coulee.....	189,185	152,144	159,014
Regal Coal Co., Ltd. (Commander Mine), Drumheller.....	11,783	69,446	113,801
Rosedale Collieries, Ltd. (Rosedale Mine), Rosedale.....	90,164	109,605	120,964
Rosedale Collieries, Ltd. (Star Mine), Aerial.....	132,860	122,743	104,305
Sovereign Coal Co., Ltd., Wayne.....	2,759	5,625	14,392
Western Gem & Jewel Collieries Ltd., Canibrin.....	78,053	60,971	88,176
All other operators.....	1,612	3,321	8,450
Total.....	1,838,058	1,678,322	1,722,677
EDMONTON DISTRICT—			
Banner Coals Ltd., Edmonton.....	61,572	55,165	51,550
Beverly Coal Co., Ltd., Edmonton.....	43,250	41,147	38,777
Bush Mines, Ltd., Edmonton.....	53,602	12,639	
Capital Coal Co., Edmonton.....		2,789	
Dawson Coal Co., Ltd., Edmonton.....	38,851	9,023	
Dickinson Knight & Dickinson Carbondale.....	4,465	2,688	4,096
Edmonton Collieries Ltd., Edmonton.....	25,206	26,597	24,888
Egg Lake Coal Co. (Thos. Logan), Morinville.....	1,540	7,422	20,953
Gwilliam, D. J., Namao.....	7,631	4,910	3,973
Kent Cos. Co., Ltd., Edmonton.....	57,126	44,827	31,731
Ottewell Coal Co., Clover Bar.....	24,626	16,133	11,436
Pine Creek Coal Co. (Opalinski & Fridel), S. Edmonton.....	6,974	8,553	12,034
Red Hot Coal Co., Ltd., Edmonton.....	17,407	21,051	23,699
Riverville Coal Co., Ltd., Edmonton.....	11,246	13,276	14,948
Sauks Collieries, Namao.....	11,737	10,516	11,328
Sinoski, M., South Edmonton.....	7,902	6,277	8,733
Smith, Howard W., S. Edmonton.....	6,095	7,686	
The Great West Coal Co., Ltd. (Black Diamond Mine), Edmonton.....	61,612	83,169	98,247
Twin City Coal Ltd. (Riddock & Horkulak), S. Edmonton.....	4,121	1,922	2,547
All other operators.....	11,901	12,938	49,355
Total.....	458,870	389,333	408,304

Table 98.—Output of Coal by Principal Collieries in Alberta, 1943-1945
(Average of 500 tons or more per month)—Continued

(Short tons)

Name and address	1943	1944	1945
Sub-Bituminous—continued			
GLEICHEN DISTRICT—			
Blackfoot Indian Agency, Gleichen.....	7,190	5,583	5,366
Standard Coal Mine, Standard.....	6,551	3,993	4,233
All other operators.....	7,622	6,854	8,502
Total.....	21,363	16,430	18,101
HIGH PRAIRIE DISTRICT.....			85
MULK RIVER DISTRICT.....	2,634	1,024	2,323
PARAN DISTRICT.....			
PAKOWKI DISTRICT.....	419	216	385
PEMBINA DISTRICT—			
Lakeside Coals Ltd., Edmonton.....	50,801	65,935	57,785
All other operators.....	2,810	6,316	6,966
Total.....	53,611	72,251	64,751
REDCLIFF DISTRICT—			
Ajax Coal Co. Ltd. (L. N. Laidlaw), Medicine Hat.....	15,460	7,930	10,408
Gunderson Brick & Coal Co. Ltd., Redcliff.....	12,705	2,673	222
Total.....	28,165	10,603	10,630
ROCHESTER DISTRICT.....	7,288	4,257	7,595
SEXSMITH DISTRICT.....			
SHEERNESS DISTRICT—			
Chinook Coal Co. Ltd., Sheerness.....	6,353	13,545	17,536
Sheerness Coal Co. Ltd., Sheerness.....	48,295	33,373	39,755
All other operators.....	4,291	2,862	2,932
Total.....	58,939	49,780	60,223
SLAVE LAKE DISTRICT.....			
STEVEVILLE DISTRICT.....			
TABER DISTRICT—			
Continental Coal Corp. Ltd., Grassby Lake.....	766	29,984	139,545
Majestic Mines Ltd., Taber.....	5,700	10,223	
Oliver Coal Mine, Taber.....	11,352	5,208	6,037
Western Ventures Ltd., Lethbridge.....		26,508	96,712
All other operators.....	2,778	3,013	1,910
Total.....	20,596	74,936	244,204
TOFIELD DISTRICT—			
Black Nugget Coal Co. Ltd., Dodds.....	1,929	11,418	51,473
Dodds Coal Mine, Dodds.....	10,073	33,367	41,387
Tofield Coal Co. Ltd., Tofield.....	69,661	54,169	69,055
All other operators.....	3,605	2,941	5,903
Total.....	85,268	101,895	187,818
WESTLOCK.....			150
WETASKIWIN DISTRICT.....	3,272	1,085	1,595
WHITECOURT DISTRICT.....	179	287	118
Area not designated.....	191	3,169	112
Total sub-bituminous.....	2,833,422	2,665,405	3,199,554
Total Alberta.....	7,676,726	7,428,708	7,800,151

Table 99.—Tonnage Lost In Alberta Coal Mines, Showing by Districts the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1944 and 1945

District	Per cent produced		Per cent lost		Percentage lost through:											
					Absenteeism		Lack of orders		Car shortage		Mine disability		Other causes			
	1944	1945	1944	1945	1944	1945	1944	1945	1944	1945	1944	1945	1944	1945	1944	1945
BITUMINOUS—																
Cascade.....	82	83	18	17	11.5	14	5.3	1.4	1.2	.....	.....	.....	0.6	1.6	3.4	3.4
Coalspur.....	87	89	13	11	4.4	7.7	3.5	0.3	1.4	.....	.....	.....	0.9	0.9	0.9	0.9
Crowsnest.....	82	85	18	15	5.5	8.0	2.0	11.4	3.7	0.2	0.4	1.3	19.1	19.0	19.1	19.0
Halcourt.....	39	81	61	19	.....	.....	40.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Highwood.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lethbridge.....	81	82	19	18	4.9	8.0	11.3	4.6	.....	.....	0.1	0.1	2.7	5.3	2.7	5.3
Magrath.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Morley.....	.....	73	.....	27	.....	.....	.....	.....	.....	.....	.....	.....	27.0	27.0	27.0	27.0
Mountain Park.....	89	93	11	7	3.5	4.2	2.3	0.4	2.2	1.0	1.5	0.3	1.5	1.1	1.5	1.1
Nordegg.....	81	85	19	15	14.9	12.7	1.7	.....	1.5	.....	0.4	.....	0.5	2.3	0.5	2.3
Pekisko.....	61	62	39	38	.....	.....	.....	.....	.....	.....	.....	.....	39.0	38.0	39.0	38.0
Pinehook.....	50	86	50	14	.....	.....	39.0	5.7	.....	.....	7.2	11.0	1.4	1.4	7.2	11.0
Prairie Creek.....	59	71	41	29	9.5	19.0	6.2	.....	.....	.....	6.3	10.0	19.0	19.0	19.0	19.0
Saunders.....	87	90	13	10	6.1	2.1	5.5	.....	.....	.....	0.4	0.6	1.0	7.3	1.0	7.3
Total bituminous.....	84	87	16	13	6.0	7.9	2.6	1.4	5.4	1.7	0.6	0.3	1.4	1.7	1.4	1.7
SUB-BITUMINOUS—																
Ardley.....	54	61	46	39	.....	.....	6.2	1.7	.....	.....	1.0	39.8	36.3	36.3	36.3	36.3
Big Valley.....	47	75	53	25	.....	.....	41.7	7.4	.....	.....	2.5	1.7	11.3	15.9	11.3	15.9
Brooks.....	68	86	32	14	.....	.....	10.3	.....	2.3	3.0	.....	6.4	19.4	4.5	19.4	4.5
Camrose.....	91	94	9	6	.....	.....	7.4	1.9	.....	.....	.....	1.6	4.1	4.1	1.6	4.1
Carbon.....	64	81	36	19	4.6	1.8	20.3	6.1	0.1	0.7	0.2	2.2	10.8	8.2	10.8	8.2
Castor.....	66	81	34	19	1.0	0.6	13.4	6.1	.....	.....	0.1	1.0	19.5	11.3	19.5	11.3
Champion.....	68	78	32	22	.....	.....	25.7	10.6	.....	.....	.....	6.3	11.4	11.4	6.3	11.4
Drumheller.....	81	84	19	16	6.1	7.0	9.7	1.2	.....	.....	0.8	1.6	2.4	6.2	0.8	6.2
Edmonton.....	80	87	20	19	5.6	7.7	6.6	4.7	.....	.....	0.8	1.2	7.0	5.4	0.8	5.4
Gleichen.....	78	81	22	19	0.4	2.1	5.3	1.7	.....	.....	0.3	0.1	16.0	15.1	16.0	15.1
High Prairie.....	49	51	.....	.....	.....	.....	18.4	6.5	.....	.....	.....	28.6	33.5	33.5	28.6	33.5
Milk River.....	53	60	47	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pakon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64.0	47.0	64.0	47.0
Pakowki.....	36	53	64	47	.....	.....	12.6	18.5	0.3	.....	0.3	.....	3.7	2.7	3.7	2.7
Pembina.....	80	73	20	27	3.1	5.8	11.5	20.5	.....	.....	3.1	0.2	8.6	2.3	8.6	2.3
Redcliff.....	78	77	24	23	0.8	.....	4.5	13.9	5.6	0.9	.....	.....	10.3	5.0	10.3	5.0
Rochester.....	60	87	40	13	.....	1.5	29.7	6.5	.....	.....	.....	.....	.....	.....	.....	.....
Semsmith.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheerness.....	80	80	20	20	0.6	.....	4.6	5.6	.....	.....	0.0	14.8	8.4	8.4	14.8	8.4
Steveville.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber.....	69	90	31	10	0.4	0.3	21.8	2.7	2.8	0.3	2.6	3.2	3.4	3.5	3.4	3.5
Tofield.....	83	80	17	20	.....	0.3	4.5	13.9	5.6	0.9	.....	6.9	4.9	4.9	6.9	4.9
Westlock.....	77	77	23	23	.....	.....	.....	.....	.....	.....	.....	.....	23.0	23.0	23.0	23.0
Wetaskiwin.....	71	78	29	22	.....	.....	35.3	34.5	.....	.....	.....	29.0	22.0	22.0	29.0	22.0
Whitecourt.....	28	19	72	81	.....	.....	6.1	.....	.....	.....	.....	36.7	46.5	46.5	36.7	46.5
Area not designated.....	80	29	20	71	.....	.....	.....	.....	.....	.....	.....	13.9	71.0	71.0	13.9	71.0
Total sub-bituminous.....	79	83	21	17	4.8	5.1	9.9	3.4	0.4	0.4	0.8	1.9	5.1	6.2	5.1	6.2
Total Alberta.....	82	85	18	15	5.6	6.8	5.4	2.3	3.5	1.2	0.7	1.1	2.8	3.6	2.8	3.6

Table 100.—Total Disposition of Coal from Alberta Mines, by Grades, 1944 and 1945
(Short tons)

	1944		1945				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Quantity	Value
	Quantity	Value						
Supplied to employees for domestic consumption.....	16,531	149,791	24,651	22,964	6,580	41	54,236	178,896
Coal shipped as per Table 103.....	6,696,931	25,035,427	2,848,893	2,047,159	1,266,068	881,507	7,043,627	26,037,612
Used under colliery boilers.....	172,781	399,020	87,291	1,064	24,611	66,357	179,323	423,055
Used by companies' railroads.....	5,259	12,114	1,151	274	.....	.....	1,425	4,511
Used in making coke at colliery.....	101,633	334,458	.....	.....	.....	64,280	64,280	219,136
Used in making briquettes.....	239,608	851,214	.....	.....	.....	235,998	235,998	836,607
Put on bank.....	40,014	105,727	15,826	695	16,523	51,003	84,647	149,416
Put on waste heap.....	153,541	.....	.....	.....	.....	.....	168,801	x x x
Total disposition.....	7,156,321	26,887,751	2,977,812	2,072,156	1,313,782	1,299,756	7,832,337	27,819,233
Lifted from bank.....	23,542	72,814	16,207	650	9,814	4,715	31,386	97,856
Lifted from waste heap.....	4,074	.....	.....	.....	.....	.....	800	x x x
Total output.....	7,428,708	26,814,937	2,961,605	2,071,506	1,363,968	1,295,071	7,800,151	27,751,377

Table 101.—Disposition of Bituminous Coal from Alberta Mines, 1944 and 1945

(Short tons)

	1944		1945				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Quantity	Value
	Quantity	Value						
Supplied to employees for domestic consumption.....	30,002	95,038	23,515	7,878	598	12	32,003	105,742
Coal shipped as per Table 104.....	4,112,879	16,062,177	2,495,945	531,327	476,547	498,992	4,002,811	15,630,260
Used under colliery boilers.....	151,512	366,067	86,516	362	14,454	56,185	157,517	385,304
Used by companies' railroads.....	5,061	11,407	1,151	.....	.....	.....	1,151	3,415
Used in making coke at colliery.....	101,633	334,458	.....	.....	.....	64,280	64,280	219,136
Used in making briquettes.....	239,608	851,214	.....	.....	.....	235,998	235,998	836,607
Put on bank.....	14,702	55,545	15,826	182	476	2,291	18,775	65,896
Put on waste heap.....	123,806	.....	.....	.....	.....	.....	107,412	x x x
Total disposition.....	4,779,003	17,775,906	2,622,953	539,749	492,075	857,758	4,619,977	17,246,344
Lifted from bank.....	15,595	55,827	16,187	178	204	2,721	19,386	67,026
Lifted from waste heap.....	105	.....	.....	.....	.....	.....	.....	.....
Total output.....	4,763,303	17,720,079	2,606,766	539,571	491,781	855,037	4,600,597	17,179,318

Table 102.—Disposition of Sub-Bituminous Coal from Alberta Mines, by Grades, 1944 and 1945

(Short tons)

	1944		1945				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Quantity	Value
	Quantity	Value						
Supplied to employees for domestic consumption.....	16,532	54,753	1,136	15,086	5,982	20	22,233	73,154
Coal shipped as per Table 105.....	2,581,075	8,973,250	352,948	1,515,832	789,521	382,515	3,040,816	10,407,352
Used under colliery boilers.....	21,269	32,953	775	702	10,157	10,172	21,806	37,751
Used by companies' railroads.....	198	707	.....	274	.....	.....	234	1,096
Put on bank.....	25,312	50,182	.....	513	16,047	49,312	65,872	83,536
Put on waste heap.....	29,935	.....	.....	.....	.....	.....	61,359	x x x
Total disposition.....	2,677,321	9,111,845	354,859	1,532,407	821,707	442,028	3,212,360	10,602,889
Lifted from bank.....	7,947	16,987	20	472	9,520	1,994	12,006	30,830
Lifted from waste heap.....	3,969	.....	.....	.....	.....	.....	800	x x x
Total output.....	2,665,405	9,094,858	354,839	1,531,935	812,187	440,034	3,199,554	10,572,059

Table 103.—Total Shipments of Coal from Alberta Mines, by Grades and Destination, 1944 and 1945

(Short tons)

Destination	1944					1945					
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total	
Alberta.....	283,087	543,979	293,273	258,179	1,378,518	350,655	582,305	310,453	248,659	1,492,072	
Saskatchewan.....	34,099	634,176	340,281	219,998	1,228,554	29,339	674,527	342,711	219,268	1,265,845	
British Columbia.....	22,415	257,999	202,812	165,847	679,073	29,762	313,631	294,205	223,467	861,065	
Manitoba.....	9,680	301,279	122,887	97,586	531,432	11,154	299,297	125,448	81,499	517,398	
Ontario.....		4,646	4,752	599	9,997		125	117,004	124,199	25,029	266,357
Quebec.....											
Alaska.....			1,064		1,064						
United States.....	60,101	51,360	58,524	88,301	258,376	21,004	56,825	50,122	34,648	162,599	
Ships' bunkers.....											
Ships' bunkers via U.S.....	28,584				28,584	20,394				20,394	
Railroads—											
In Canada.....	2,519,323	7,929	10,317	38,266	2,575,835	2,380,451	3,570	18,930	47,291	2,450,242	
In United States.....	5,240			281	5,521	6,009			1,646	7,655	
Total.....	2,962,619	1,831,368	1,033,910	869,057	6,696,554	2,848,893	2,047,159	1,266,068	881,567	7,043,627	

Table 104.—Shipments of Bituminous Coal from Alberta Mines, by Grades and Destination, 1944 and 1945

(Short tons)

Destination	1944		1945			
	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	312,250	23,237	110,466	67,793	101,476	302,972
Saskatchewan.....	212,147	12,165	105,930	64,897	15,676	198,668
British Columbia.....	499,938	21,880	188,503	211,964	213,191	635,538
Manitoba.....	238,351	11,154	78,349	54,321	70,541	214,365
Ontario.....	2,459	125	13,068	17,994	17,865	49,052
United States.....	236,727	20,530	31,441	40,648	34,576	122,195
Alaska.....	1,064					
Ships' bunkers via U.S.....	28,584	20,394				20,394
Railroads—						
In Canada.....	2,575,835	2,380,451	3,570	18,930	44,021	2,446,972
In the United States.....	5,521	6,009			1,646	7,655
Total.....	4,112,879	2,195,945	531,327	476,517	498,992	4,002,811

Table 105.—Shipments of Sub-Bituminous Coal from Alberta Mines, by Grades and Destination, 1944 and 1945

(Short tons)

Destination	1944		1945			
	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
Alberta.....	1,066,268	327,418	471,839	242,660	147,183	1,189,100
Saskatchewan.....	1,016,407	17,174	568,597	277,814	203,592	1,067,177
British Columbia.....	179,135	7,882	125,128	82,241	10,276	225,527
Alaska.....						
Manitoba.....	293,078		220,948	71,127	10,958	303,033
Ontario.....	7,538		103,936	106,205	7,164	217,395
Quebec.....						
United States.....	21,649	474	25,384	9,474	72	35,404
Railroads—						
In Canada.....					3,270	3,270
In the United States.....						
Total.....	2,584,975	352,948	1,515,832	789,521	382,515	3,040,818

Table 106.—Exports of Canadian Coal through Alberta Ports, 1941-1945
(Short tons)

Port	1941	1942	1943	1944	1945
Coutts.....	3,021	3,739	1,908	2,462	1,824
Lethbridge.....	433	225	284	183	130
Medicine Hat.....		451			
Total.....	3,454	4,415	2,192	2,645	1,954

Table 107.—*Imports into Alberta of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1944 and 1945
(Short tons)

Port	Source	1944				1945							
		Anthra- cite	Bitum- inous all grades	Lig- nite	Total	Anthracite			Total	Bitum- inous all grades	Lig- nite		
						Grate, egg, stove, nut, d'bles cobbles and trables	Screen- ings or dust	Peas, beans, and smaller sizes. n.o.p.					
Calgary.....	U.S.....	4			4				1	163		163	
Edmonton.....	U.S.....		813		813	1			1	971		972	
Lethbridge.....	U.S.....		122		122					87	17	104	
Medicine Hat.....	U.S.....												
Total.....	U.S.....	4	935		939	1			1	1,221	17	1,239	

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

Table 108.—Summary Statistics for Alberta in 1945—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.....	438,398	1,613	108,753	130		331,128
Sub-bituminous.....	345,862		179,755	101		166,006
Lignite.....		218				218
Total.....	784,260	1,831	288,508	231		497,352
February—						
Bituminous.....	402,121	740	98,202	5	49	304,703
Sub-bituminous.....	297,369		100,936	105		130,328
Lignite.....						
Total.....	699,490	740	205,138	110	49	435,031
March—						
Bituminous.....	423,006	1,091	90,668		87	327,516
Sub-bituminous.....	236,735		136,358	171		100,206
Lignite.....						
Total.....	659,741	1,091	233,026	171	87	427,722
April—						
Bituminous.....	408,586	1,305	84,176	58	47	323,704
Sub-bituminous.....	185,690		106,419	54		79,217
Lignite.....						
Total.....	592,276	1,305	190,595	112	47	402,921
May—						
Anthracite.....					1	1
Bituminous.....	360,885	2,312	81,061	5	257	282,388
Sub-bituminous.....	158,495		101,898	99		56,498
Lignite.....						
Total.....	519,380	2,312	182,959	104	258	338,887
June—						
Bituminous.....	421,137	2,036	93,233		117	330,057
Sub-bituminous.....	195,063		134,431	57		60,585
Lignite.....						
Total.....	616,220	2,036	227,664	57	117	390,652
July—						
Bituminous.....	375,566	1,877	75,840	45	91	301,649
Sub-bituminous.....	153,334		96,657	110		56,567
Lignite.....						
Total.....	528,900	1,877	172,497	155	91	358,218
August—						
Anthracite.....						
Bituminous.....	406,220	1,985	81,973	24	136	326,350
Sub-bituminous.....	264,223		170,528	89		87,606
Lignite.....						
Total.....	670,449	1,985	258,501	113	136	413,956
September—						
Bituminous.....	347,529	1,809	77,396	52	100	272,050
Sub-bituminous.....	218,157		128,087	201		89,869
Lignite.....						
Total.....	565,686	1,809	205,483	253	160	361,919
October—						
Bituminous.....	163,613	1,011	55,206	5	51	129,404
Sub-bituminous.....	256,372		125,895	23		130,454
Lignite.....		86				86
Total.....	439,985	1,097	181,101	28	51	260,004
November—						
Bituminous.....	420,622	2,135	129,789	5	184	293,147
Sub-bituminous.....	478,316		239,083	75		239,158
Lignite.....					5	5
Total.....	898,938	2,135	368,872	80	189	532,310
December—						
Bituminous.....	414,908	1,771	115,326	255	42	301,140
Sub-bituminous.....	409,918		220,995	285		188,038
Lignite.....		43			12	55
Total.....	824,826	1,814	336,321	540	54	489,833
Total—						
Anthracite.....	4,600,597	19,685	1,097,623	584	1,221	1, 3,523,296
Bituminous.....	3,199,554		1,813,042	1,370		1,385,142
Sub-bituminous.....		347				364
Lignite.....					17	
Total.....	7,800,151	20,032	2,910,665	1,954	1,239	4,908,803

Table 109.—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
Coalspur	47	4	271	276	598	120,929	1,385,141	1,506,070
Crowsnest	147	16	465	1,524	2,152	452,028	4,082,775	4,534,803
Halcourt			1	2	3		3,724	3,724
Highwood								
Lethbridge	31	9	129	458	627	100,423	1,185,754	1,286,177
Mountain Park	74	3	252	536	865	226,874	1,765,485	1,992,359
Morley								
Nordegg	34	4	175	256	469	99,844	904,857	1,004,701
Pekisko	1		1	7	9	735	8,888	9,623
Pincher			1	1	2		876	876
Prairie Creek	3		4	13	26	8,030	24,718	32,748
Saunders	13		25	79	117	34,962	232,671	267,633
Total bituminous	388	37	1,425	3,323	5,173	1,158,149	10,237,702	11,395,851
SUB-BITUMINOUS—								
Ardley	1		2	12	15	933	10,361	11,291
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	79,791
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	3,544,698	4,161,908
Edmonton	54	1	75	385	515	95,715	752,382	848,097
Gleichen	7		5	34	46	9,591	41,733	51,324
Milk River	1		2	3	6	800	1,650	2,450
Pakani							606	606
Pakwaki								
Pembina	6		22	58	86	12,236	161,675	173,910
Redcliff	2		4	14	20	4,136	27,057	31,193
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	15,316	72,820	88,136
Westlock								
Wetaskiwin	1			2	3	1,067	2,200	3,267
Whitecourt	1			1	2	68	768	836
Area not designated	2		1	4	7	2,000	2,928	4,928
Total sub-bituminous	258	25	663	2,254	3,200	558,475	5,279,725	5,838,200
Total Alberta	646	62	2,088	5,577	8,373	1,716,624	15,517,427	17,234,051

*Salaried employees at head offices not located at the mine are included in tables 109 and 110 but are not included in tables 111, 112 and 114.

Table 110.—Employees, Salaries and Wages, at the Coal Mines of Alberta, by Districts, 1945

District	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners		Total	Salaries	Wages	Total
	Male	Female	Surface	Under-ground				
BITUMINOUS—								
Cascade	42	2	106	163	313	128,828	585,369	714,197
Coalspur	38	3	227	297	563	110,481	1,285,767	1,396,248
Crowsnest	180	13	449	1,482	2,124	476,384	3,885,357	4,361,741
Halcourt				2	2		2,121	2,121
Highwood								
Lethbridge	30	10	126	445	611	100,642	1,173,465	1,274,107
Magrath								
Morley	1			1	2	2,228	614	2,842
Mountain Park	75	2	239	474	790	213,808	1,608,250	1,822,058
Nordegg	36	4	180	240	460	101,238	868,023	969,261
Pekisko			1	4	5		6,359	6,359
Pincher				1	1		447	447
Prairie Creek	2		2	6	10	5,354	11,632	16,986
Saunders	13		27	77	117	34,225	227,090	261,291
Total Bituminous	417	34	1,357	3,192	5,000	1,173,188	9,054,470	10,827,658
SUB-BITUMINOUS—								
Ardley	1		5	13	19	933	11,422	12,355
Big Valley	2		2	13	17	2,777	17,147	19,921
Brooks	6		52		58	10,000	118,000	128,000
Cumrose	9	1	36	40	86	24,197	115,628	139,825
Carbon	6		20	61	87	7,431	117,846	125,277
Castor	9	1	20	62	92	9,093	84,612	93,705
Champion	3		1	10	13	4,980	14,067	19,047
Drumheller	109	13	335	1,589	2,016	291,864	3,886,256	4,178,120
Edmonton	47		86	382	513	79,006	793,519	872,525
Gleichen	7		5	34	46	10,065	41,615	51,680
High Prairie				1	1		200	200
Milk River	1		1	3	5	800	1,650	2,450
Pakowki				1	1		506	506
Pembina	4		18	56	78	10,034	117,210	127,214
Redcliff	1		5	13	19	2,400	26,000	28,400
Rochester	4		4		8	1,699	7,432	9,131
Sexsmith								
Sheeoress	9		18	2	29	9,312	24,073	33,385
Steveville	8		59	9	76	14,000	179,005	193,005
Taber	9		59	5	73	20,042	94,557	111,599
Tofield	1			1	2	550	500	1,050
Westlock	1			1	2	731	2,500	3,231
Wetaskiwin	1				1	300		300
Whitecourt	1				1		200	200
Area not designated			1		1			
Total Sub-bituminous	238	15	727	2,206	3,276	500,214	5,653,945	6,154,159
Total Alberta	655	49	2,081	5,183	8,276	1,673,402	15,308,415	16,981,817

* See footnote table 100.

Table 111.—Employment at Coal Mines in Alberta, 1941-1945

—	1941	1942	1943	1944	1945
Average number of employees—					
Surface	1,934	2,159	2,380	2,481	2,478
Underground	5,611	5,840	6,151	5,842	5,745
Total	7,545	7,999	8,531	8,323	8,223
Man-days worked—					
Surface	545,053	640,690	675,349	666,149	665,547
Underground	1,325,361	1,484,472	1,504,634	1,360,538	1,311,266
Total	1,870,414	2,125,162	2,177,183	2,026,687	1,976,813
Average number of man-days worked during year—					
By surface employees	282	297	284	289	269
By underground employees	236	254	244	233	228
By all employees	248	266	255	244	240

Table 112.—Employment and Work Done, by Months, at Coal Mines in Alberta in 1945

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	2,618	6,314	8,932	62,121	135,436	197,557
February.....	2,546	6,221	8,767	55,498	121,542	177,046
March.....	2,437	5,956	8,393	55,759	120,708	176,467
April.....	2,232	5,533	7,765	50,829	107,253	158,082
May.....	2,220	5,371	7,597	48,519	95,121	143,640
June.....	2,223	5,365	7,588	54,904	110,117	165,021
July.....	2,385	5,334	7,719	51,080	100,029	151,109
August.....	2,375	5,385	7,760	55,514	110,962	166,476
September.....	2,367	5,444	7,811	49,079	97,310	146,389
October.....	2,623	5,623	8,246	49,107	60,211	109,318
November.....	2,841	6,137	8,978	68,469	129,234	197,703
December.....	2,809	6,259	9,127	64,668	123,543	188,011
Total				665,547	1,311,266	1,976,813

Table 113.—Number of Man-Days' Work Done in the Coal Mines of Alberta, by Districts, 1944 and 1945

District	1944			1945		
	Surface	Under-ground	Total	Surface	Under-ground	Total
BITUMINOUS—						
Cascade.....	35,531	48,220	83,751	33,482	41,858	75,340
Coalspur.....	95,698	66,989	162,687	80,368	72,543	152,911
Crowsnest.....	155,809	374,394	530,203	140,027	349,874	485,901
Hinmont.....	270	285	555	121	336	457
Highwood.....						
Lethbridge.....	41,826	108,187	150,013	40,807	102,729	143,536
Magrath.....						
Morley.....				24	432	456
Mountain Park.....	78,508	154,138	230,646	73,207	134,323	207,530
Nordegg.....	49,730	62,445	112,184	51,515	55,863	107,378
Pekisko.....	306	1,221	1,527	166	753	919
Pincher.....	155	155	310	147	110	257
Prairie Creek.....	1,562	2,699	4,261	834	1,403	2,237
Saunder.....	9,277	21,669	30,946	9,197	19,830	29,027
Total bituminous.....	466,678	840,405	1,307,083	435,895	780,054	1,215,949
Sub-Bituminous—						
Ardley.....	560	1,768	2,328	1,048	2,128	3,176
Big Valley.....	415	2,022	2,437	571	2,624	3,195
Brooks.....	6,726	580	7,306	14,844		14,844
Canmore.....	12,961	9,038	21,999	11,452	9,890	21,342
Carlton.....	4,635	10,728	15,363	4,868	13,585	18,453
Castor.....	2,419	12,175	14,594	5,178	14,586	19,764
Champion.....	232	2,903	3,135	248	2,423	2,671
Druniheller.....	107,204	360,993	468,194	107,083	367,763	473,846
Edmonton.....	25,572	89,110	114,682	28,387	90,414	118,801
Glenel.....	1,704	8,886	10,590	1,515	9,040	10,555
High Prairie.....					72	72
Little River.....	458	474	962	367	548	915
Pukun.....	40	121	161	69	184	253
Pembina.....	6,672	13,214	19,886	5,237	10,060	16,197
Redcliff.....	1,007	3,216	4,223	1,061	2,630	3,691
Rochester.....	1,115		1,115	2,001		2,001
Seismith.....						
Sherness.....	6,260	283	6,543	5,221	430	5,651
Steveville.....						
Taber.....	6,471	2,035	8,506	23,965	2,102	26,067
Tofield.....	14,534	1,091	15,625	16,247	1,124	17,371
Westlock.....				66	88	154
Wetaskiwin.....			428	428	579	579
Whitecourt.....		84	162	29	42	71
Area not designated.....	391	974	1,365	195		195
Total sub-bituminous.....	199,471	520,133	719,604	229,652	631,212	760,861
Total Alberta.....	666,149	1,360,538	2,026,687	665,547	1,311,266	1,976,813

Table 114.—Employment at Coal Mines in Alberta, by Classes, 1944 and 1945

Classification	1944			1945		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	102		102	97		97
Foremen and officials.....	183	439	622	184	439	623
Clerks.....	166		166	157		157
Screenmen and loaders.....	591	10	601	610	16	626
Hand cutters and helpers.....		1,676	1,676		1,551	1,551
Machine cutters and helpers.....		285	285		305	305
Machine loaders and helpers.....		1,414	1,414		1,476	1,476
Horse haulage employees.....	19	414	433	14	303	407
Mechanical haulage employees.....	75	361	436	92	356	448
Ventilation employees.....	1	52	53	2	49	51
Roadmakers.....	4	198	202	2	192	194
Stripping shovel operators.....	6		6	16		16
Loading shovel.....	9		9	9		9
Cleaning shovel.....	2		2	3		3
Timbermen.....		375	375		358	358
Pumpmen.....	6	31	37	5	28	33
Chute loaders.....	5	184	189	6	171	177
Engineermen.....	101	4	105	102	3	105
Firemen.....	93		93	94		94
Machinists.....	79	6	85	84	11	95
Carpenters and masons.....	87	3	90	95	1	96
Other mechanics.....	154	23	177	152	26	178
All other employees.....	798	367	1,165	754	370	1,124
Total.....	2,481	5,842	8,323	2,478	5,745	8,223

CHAPTER TEN

BRITISH COLUMBIA

Table 115.—Output of Coal from British Columbia Mines, 1836-1945

(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	124,956	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	2,688,666	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	3,833,307	1926.....	2,613,719	10,612,915
1873.....			1900.....	1,791,833	4,799,553	1927.....	2,746,243	10,934,777
1874.....	90,788	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.....	157,907	420,555	1903.....	1,676,581	4,490,844	1930.....	2,083,818	8,421,572
1877.....	156,455	419,076	1904.....	1,862,025	4,989,174	1931.....	1,876,406	7,150,996
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.....	2,304,888	7,390,306	1934.....	1,482,969	5,351,108
1881.....	257,056	688,542	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.....	1,489,171	5,493,425
1883.....	240,075	643,059	1910.....	3,330,745	10,408,580	1937.....	1,598,843	5,863,849
1884.....	441,130	1,181,598	1911.....	2,542,532	7,945,413	1938.....	1,440,287	5,237,077
1885.....	372,987	999,072	1912.....	3,206,987	10,028,116	1939.....	1,602,755	5,825,107
1886.....	375,415	1,005,576	1913.....	2,714,420	8,482,562	1940.....	1,867,846	6,167,250
1887.....	486,142	1,302,165	1914.....	2,239,790	6,999,374	1941.....	2,020,844	6,492,672
1888.....	539,467	1,445,001	1915.....	2,065,613	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	11,494,681	1945.....	1,699,768	7,137,859
1892.....	937,218	2,510,406	1919.....	2,649,516	13,512,532	Total.....	118,433,638	425,328,809

* The tonnage shown for 1919-1945 inclusive, is the total output from all mines; for previous years the figures given include only sales, colliery consumption and coal used by operators.

Table 116.—Output of Coal from British Columbia Mines, by Months, 1941-1945

(Short tons)

Month	1941	1942	1943	1944	1945
January.....	171,420	199,425	157,652	189,945	169,603
February.....	147,657	192,601	170,188	196,740	157,871
March.....	159,446	210,465	189,535	212,100	173,047
April.....	154,182	198,479	164,779	163,279	156,080
May.....	152,547	180,915	154,987	186,402	139,596
June.....	163,475	193,855	176,465	189,349	151,197
July.....	162,387	177,802	170,812	175,849	130,075
August.....	162,171	163,182	173,858	196,190	134,028
September.....	178,242	165,478	171,728	159,436	118,143
October.....	192,968	156,111	186,106	155,762	79,800
November.....	187,972	157,535	131,302	156,779	149,844
December.....	188,377	170,663	191,990	152,400	140,684
Total.....	2,020,814	2,168,541	2,039,402	2,134,231	1,699,768

Table 117.—Output of Coal by Districts in British Columbia, 1941-1945

(Short tons)

District	1941	1942	1943	1944	1945
Crow's Nest Pass.....	1,149,179	1,173,439	1,038,835	1,221,621	974,005
Inland.....	146,042	185,300	182,297	138,133	101,803
Island.....	725,623	826,802	818,270	774,477	623,960
Total.....	2,020,814	2,168,541	2,039,402	2,134,231	1,699,768

Table 118.—Output of Coal by Principal Collieries in British Columbia, 1943-1945
(Average of 500 tons or over per month)

(Short tons)

Name	Address	1943	1944	1945
CROW'S NEST PASS DISTRICT—				
Consolidated Mg. & Smelting Co. Ltd., The.....	Trail.....	39,817	157,280	.....
Crow's Nest Pass Coal Co., Ltd.....	Fernie.....	999,018	1,064,341	974,005
Total.....		1,038,835	1,221,621	974,005
INLAND DISTRICT—				
Bulkeley Valley Collieries Ltd.....	Telkwa.....	8,405	14,233	11,737
Granby Cons. M.S. & P. Co., Ltd.....	Princeton.....	70,971	.....	.....
Merritt Coal Mines Ltd.....	Merritt.....	2,557	9,597	5,125
Middlesboro Collieries, Ltd.....	Merritt.....	37,131	11,068	.....
Princeton Tularoan Coal Co. Ltd.....	Princeton.....	34,075	20,202	.....
Telkoal Company Ltd. (formerly Aveling Coal Co.).....	Telkwa.....	8,998	22,403	16,800
Tularoan Collieries Ltd.....	Vancouver.....	17,651	53,408	58,018
All other operators.....		4,609	7,222	10,123
Total.....		182,297	138,133	101,803
ISLAND DISTRICT—				
Canadian Collieries (Dunsmuir) Ltd.....	Nanaimo.....	804,569	760,222	610,238
Chambers, R. H.....	Nanaimo.....	4,330	3,072	2,260
All other operators.....		9,371	11,183	11,462
Total.....		818,270	774,477	623,900
Total British Columbia.....		2,039,402	2,134,231	1,639,768

Table 119.—Tonnage Lost in British Columbia Mines, Showing, by Districts, the Relative Percentage Produced and Lost, with an Analysis of the Percentage Lost, 1944 and 1945

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.....	1944	83	17	14.5	.....	1.0	.....	1.5
	1945	82	18	14.8	.....	0.1	.....	3.1
Inland.....	1944	88	12	2.8	3.7	0.2	1.7	3.6
	1945	85	15	1.8	6.0	0.2	2.0	5.0
Island.....	1944	88	12	5.4	.....	.....	0.6	6.0
	1945	85	13	6.0	.....	0.1	0.6	8.3
British Columbia.....	1944	85	15	10.6	0.2	0.6	0.3	3.3
	1945	83	17	10.6	0.3	0.8	0.3	5.0

Table 120.—Disposition of Coal from British Columbia Mines, by Grades, 1944 and 1945

(Short tons)

Description	1944			1945				Total	
	Total		Run-of-mine	Lump	Nut and other grades	Slack	Quan-tity	Value	\$
	Quan-tity	Value							
Supplied to employees for domestic consumption.....	14,711	57,106	4,879	8,625	805	.....	14,309	56,100	.....
Shipped as per Table 121.....	1,741,901	\$119,259	469,901	179,886	238,776	491,857	1,348,420	6,678,110	.....
Used under colliery boilers, etc.....	21,395	75,468	1,170	240	106	20,279	21,755	68,911	.....
Used by companies' railroads.....	1,812	23,259	.....	2,344	2,246	26	1,616	21,713	.....
Used in making coke at colliery.....	126,618	370,291	.....	.....	100,599	100,599	313,981	.....	.....
Put on bank.....	55,936	230,617	1,834	5,046	5,692	7,444	20,016	90,892	.....
Put on waste heap.....	204,716	.....	.....	.....	.....	.....	178,726	.....	.....
Total disposition.....	2,173,119	9,176,019	477,784	196,141	247,625	620,205	1,728,481	7,229,500	.....
Lifted from bank.....	38,635	168,513	1,917	4,924	5,704	8,078	20,713	91,911	.....
Lifted from waste heap.....	2,253	.....	.....	.....	.....	.....	.....	.....	.....
Total output.....	2,134,231	9,009,506	475,867	191,317	241,831	612,127	1,699,768	7,137,859	.....

Table 121.—Shipments of Coal from British Columbia Mines, by Grades and Destination, 1944 and 1945
(Short tons)

Destination	1944					1945				
	Run-of-mine	Lump	Nut and other grades	Slack	Total	Run-of-mine	Lump	Nut and other grades	Slack	Total
British Columbia.....	203,790	182,810	200,772	229,772	817,144	57,044	149,639	179,510	166,831	553,924
Alberta.....	168		556	25,654	26,378	91		711	18,883	19,685
Saskatchewan.....	2,870	100	3,776	2,279	9,025	3,321	182	4,079	2,005	9,587
Manitoba.....	6,492	395	18,244	94,851	119,982	6,703	249	18,672	138,846	161,560
Ontario.....						361	247			68
Yukon.....										
United States.....	2,318	13,592	44,322	146,683	206,915		16,780	18,685	88,687	124,132
Alaska.....		11,636	2,466		14,102					
Railroads for locomotive use.....										
(a) In Canada.....	451,882	1,404	7,032	3,563	463,881	380,726	2,222	8,249	11,180	411,397
(b) In the United States.....	14,923	91			15,014	11,055		981	25,288	37,904
Bunker.....					69,460	69,460		10,557	7,009	40,137
Total.....	682,443	210,028	277,168	572,262	1,711,901	469,901	179,856	238,776	491,857	1,380,420

Table 122.—Exports of Canadian Coal through British Columbia Ports, 1941-1945
(Short tons)

Port	1941	1942	1943	1944	1945
Cranbrook.....	128,763	238,119	492,961	427,230	276,580
Nanaimo.....	39,662	60,983	16,011	49,121	36,703
Nelson.....			138		
New Westminster.....	350	1,870	96,070	21,508	47,286
Penticton.....	14	155	79	104	225
Prince Rupert.....	48	112	9	30	55
Trail.....	9	3	14	18	27
Vancouver.....		917		5,140	
Victoria.....					
Total.....	168,855	302,150	685,282	503,151	360,856

Table 123.—*Imports into British Columbia of Anthracite, Bituminous and Lignite Coal, by Ports of Entry, 1944 and 1945
(Short tons)

Port	Source	1944				1945						
		Anthracite	Bituminous, all grades	Lignite	Total	Anthracite				Bituminous, all grades	Lignite	Total
						Grate, egg, stove, nut, d'bles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes, n.o.p.	Total			
Cranbrook.....	U.S.....									123		123
Nelson.....	U.S.....	42			42					245	123	368
New Westminster.....	U.S.....	40	171	211						26		26
Penticton.....	U.S.....									82		82
Prince Rupert.....	U.S.....	39			39							
Trail.....	U.S.....	10			10							
Vancouver.....	U.S.....	52	1,022		1,074					1,200	76	1,276
	G.B.....									6		6
Victoria.....	U.S.....		93		93							
Total.....	U.S....	62	1,236	171	1,469					1,676	199	1,875
	G.B....									6		6
Grand Total.....		62	1,236	171	1,469					1,682	199	1,881

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

Table 124.—Summary Statistics for British Columbia in 1945—Output, Exports, Inter-provincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds

(Short tons)

Month	Canadian coal				Imported from U.S.A.	Imported from Great Britain	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported			
January—							
Bituminous.....	169,603	59,538	14,999	35,920	75		178,297
Sub-bituminous.....		22,958					22,958
Lignite.....							
Total.....	169,603	82,496	14,999	35,920	75		201,255
February—							
Bituminous.....	157,871	52,066	12,978	34,690	204		162,473
Sub-bituminous.....		20,541					20,541
Lignite.....					46		46
Total.....	157,871	72,607	12,978	34,690	250		183,060
March—							
Bituminous.....	173,047	65,907	13,283	44,000	199		181,870
Sub-bituminous.....		21,168					21,168
Lignite.....					31		31
Total.....	173,047	87,075	13,283	44,000	230		203,069
April—							
Bituminous.....	156,080	55,532	12,201	53,017	145		146,539
Sub-bituminous.....		18,186					18,186
Lignite.....					46		46
Total.....	156,080	73,718	12,201	53,017	191		164,771
May—							
Bituminous.....	139,596	55,968	14,591	36,216	142		144,899
Sub-bituminous.....		14,806					14,806
Lignite.....							
Total.....	139,596	70,774	14,591	36,216	142		159,705
June—							
Bituminous.....	151,197	57,886	18,560	18,862	172		171,833
Sub-bituminous.....		17,358					17,358
Lignite.....					76		76
Total.....	151,197	75,244	18,560	18,862	248		189,267
July—							
Bituminous.....	130,075	43,470	17,103	21,160	121		135,412
Sub-bituminous.....		9,682					9,682
Lignite.....							
Total.....	130,075	53,161	17,103	21,160	121		145,094
August—							
Bituminous.....	134,028	46,603	19,985	27,715	89		133,020
Sub-bituminous.....		17,903					17,903
Lignite.....							
Total.....	134,028	64,506	19,985	27,715	89		150,923
September—							
Bituminous.....	118,143	47,467	17,084	29,571	42		118,997
Sub-bituminous.....		15,021					15,021
Lignite.....							
Total.....	118,143	62,488	17,084	29,571	42		134,018

Table 124.—Summary Statistics for British Columbia in 1945—Output, Exports, Inter-provincial Shipments, Imports and Coal made Available for Consumption, by Months and by Kinds—Concluded

(Short tons)

Month	Canadian coal				Imported from U.S.A.	Imported from Great Britain	Coal available for consumption
	Output	Received from other provinces	Shipped to other provinces	Exported			
October—							
Bituminous.....	79,800	27,117	9,370	8,915	147	.....	88,779
Sub-bituminous.....		15,722					15,722
Lignite.....							.....
Total.....	79,800	42,839	9,370	8,915	147	.....	104,501
November—							
Bituminous.....	149,644	63,456	23,120	27,197	260	6	163,049
Sub-bituminous.....		25,334					25,334
Lignite.....							.....
Total.....	149,644	88,790	23,120	27,197	260	6	188,383
December—							
Bituminous.....	140,684	60,519	21,166	23,593	80	.....	150,524
Sub-bituminous.....		26,848					26,848
Lignite.....							.....
Total.....	140,684	87,367	21,166	23,593	80	.....	183,372
Total—							
Bituminous.....	1,639,768	635,538	194,440	360,856	1,676	6	1,781,692
Sub-bituminous.....		225,527					225,527
Lignite.....							199
Total.....	1,639,768	861,065	194,440	360,856	1,675	6	2,007,418

Table 125.—Employees, Salaries and Wages in the Coal Mines of British Columbia, by Districts, 1944 and 1945

District	Average number of employees					Salaries and wages		
	Salaried employees		Daily wage-earners		Total	Salaries		Wages
	Male	Female	Surface	Under-ground		\$	\$	
1944								
Crow's Nest Pass.....	73	9	260	840	1,182	235,325	2,130,808	2,366,133
Inland.....	24	1	59	155	239	53,741	383,668	437,407
Island.....	137	21	424	912	1,194	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
1945								
Crow's Nest Pass.....	71	9	159	805	1,044	237,213	1,789,120	2,026,333
Inland.....	22	2	31	122	177	45,016	267,579	312,595
Island.....	137	23	383	840	1,783	418,063	2,162,928	2,581,991
British Columbia.....	230	34	573	1,767	2,604	701,192	4,219,627	4,920,819

* Employees at head offices not located at the mine are included in table 125 but are not included in tables 120, 127 and 129.

Table 126.—Employment and Earnings in the Coal Mines of British Columbia,
1941-1945

	1941	1942	1943	1944	1945
Average number of employees—					
Surface.....	653 1,914	689 1,881	790 1,958	862 1,993	684 1,852
Underground.....					
Total.....	2,547	2,570	2,748	2,855	2,536
Man-days worked—					
Surface.....	185,254 480,369	203,536 519,838	231,709 491,838	248,593 481,181	184,337 429,691
Underground.....					
Total.....	665,623	723,374	723,547	729,774	614,028
Average number of man-days worked during year—					
By surface employees.....	284 251	295 276	293 251	285 241	269 232
By underground employees.....					
By all employees.....	259	281	263	256	212

Table 127.—Employment, and Work Done by Months at the Coal Mines
of British Columbia in 1945

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
January.....	711	1,953	2,664	17,416	41,255	58,671
February.....	697	1,957	2,634	16,316	37,529	53,845
March.....	684	1,925	2,619	17,127	39,319	56,416
April.....	679	1,881	2,560	16,341	37,302	53,643
May.....	677	1,858	2,535	15,823	34,734	50,557
June.....	687	1,838	2,525	16,999	36,781	53,780
July.....	686	1,805	2,494	14,662	37,569	52,231
August.....	690	1,791	2,481	15,565	34,523	50,088
September.....	687	1,772	2,459	13,985	34,102	48,177
October.....	672	1,732	2,404	10,651	22,788	33,439
November.....	661	1,855	2,516	14,904	35,321	53,225
December.....	671	1,850	2,521	14,548	35,378	49,926
Total.....				184,337	429,691	614,028

Table 128.—Number of Man-Days Worked at Coal Mines in British Columbia,
by Districts, 1944 and 1945

District	1944			1945		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Crow's Nest Pass.....	65,731	203,024	268,755	50,731	192,343	243,074
Inland.....	17,640	42,711	60,351	8,961	31,654	40,615
Island.....	145,222	235,446	380,668	124,645	205,694	330,339
Total.....	218,593	481,181	700,774	184,337	429,691	614,028

Table 129.—Employment at Coal Mines in British Columbia, by Classes, 1944 and 1945

Classification	1944			1945		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Administration.....	18	.....	18	15	.....	15
Foremen and officials.....	80	106	186	71	103	174
Clerks.....	41	.....	41	38	.....	38
Screenmen and loaders.....	102	1	103	89	.....	89
Hand cutters and helpers.....	239	.....	239	220	.....	220
Machine cutters and helpers.....	275	.....	275	226	.....	226
Machine loaders and helpers.....	595	.....	595	598	.....	598
Stripping shovel.....	2	.....	2	.....	.....	.....
Loading shovel.....	4	.....	4	.....	.....	.....
Horse haulage employees.....	13	79	92	12	72	84
Mechanical haulage employees.....	21	368	389	23	340	363
Ventilation employees.....	21	.....	21	19	.....	19
Roadmakers.....	1	37	38	1	39	40
Timbermen.....	12	127	139	13	104	117
Pumpmen.....	1	.....	1	.....	.....	.....
Chute loaders.....	1	4	5	1	6	7
Enginemen.....	27	.....	27	24	.....	24
Firemen.....	26	.....	26	23	.....	23
Machinists.....	26	9	35	23	.....	23
Carpenters and masons.....	47	4	51	43	11	54
Other mechanics.....	58	33	91	52	33	85
All other white employees.....	298	93	391	177	81	258
Japanese.....	.....	.....	.....	.....	.....	.....
Chinese.....	82	.....	82	78	.....	78
Indians.....	3	1	4	1	.....	1
Total.....	862	1,993	2,855	684	1,852	2,536

CHAPTER ELEVEN

YUKON

Table 130.—Output of Coal from Yukon Mines, 1901-1945

(Short tons)

Calendar year	Short tons	Value	Calendar year	Short tons	Value	Calendar year	Short tons	Value
1901.....	(a) 5,864	\$ 56,230	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	*29,232	*1931.....	904	5,039
1904.....			1918.....	2,900	11,600	*1932.....	808	3,491
1905.....	7,000	21,000	*1919.....			*1933.....	862	3,670
1906.....	7,000	28,000	*1920.....			*1934.....	638	2,217
1907.....	15,000	60,000	*1921.....	233	2,472	*1935.....	835	3,483
1908.....	3,847	21,158	*1922.....		4,050	*1936.....	510	2,286
1909.....	7,384	49,502	*1923.....		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	*1939-1945.....		
1912.....	9,245	44,958	*1926.....	316	800			
1913.....	19,722	95,945	*1927.....	414	2,052	Total.....	145,184	863,192
1914.....	13,443	53,760	*1928.....	414	2,915			

(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 131.—Imports of Bituminous Coal into Yukon and Exports of Canadian Coal through Yukon Ports, 1941-1945

(Short tons)

	1941	1942	1943	1944	1945
IMPORTS—					
Dawson.....					
White Horse.....	8	8			
Total.....	8	8			
EXPORTS—					
Dawson.....					
White Horse.....					
Total.....					

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, 1930;
 - (b) Coal manufactured into coke used other than for the smelting of metals or melting of metals;
 - (c) Coal upon which no subsidy, assistance, subvention or reduced freight rate was provided by the Government of Canada by statute or otherwise except as provided under the Maritime Freight Rates Act, 1927 (17 Geo. V, Chap. 44);
 - (d) Shipments of coal in quantities not less than carload lots;
 - (e) Coal used in plants not operating under the Domestic Fuel Act, 1927 (17 Geo. V, 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 (b) of Section (1) of Order in Council P.C. 6643, of July 28, 1942.
- Section 5 of Order in Council P.C. 10473 of November 17, 1942.
- Section 4 of Order in Council P.C. 10592 of November 27, 1942.

NOVA SCOTIA COAL TO QUEBEC AND ONTARIO

P.C. 3969—(December 5, 1939)

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

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

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

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

P.C. 3969 (December 5, 1939)—Conc.

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

P.C. 9164—(November 26, 1941)

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 miners of the difference in amount per net ton between the laid down cost of coal mined in the Province of Nova Scotia and the laid down cost of imported coal that would otherwise be used; provided however that
 - (a) such payments shall only be made on coal moved from the coal mines in Nova Scotia by boat from ports in Nova Scotia to Portland or Searsport, in the State of Maine, United States of America, and thence transported by railway to points in the Province of Quebec, such assistance in no instance to exceed two dollars (\$2.00) per net ton; and
 - (b) the said differences between laid down costs shall be determined by the Coal Administrator and be approved by the Wartime Prices and Trade Board."

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

P.C. 2356 (June 3, 1940)

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

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

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

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

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

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

Provided that:—

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

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

P.C. 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 Levis and the Quebec terminals (for use by consumers other than the railways), the assistance granted shall be by a thirty per cent (30%) reduction of the freight rate in effect at the time of shipment. The amount of the said reduction being payable to the railways.
- (3) With respect to coal mined in the Province of New Brunswick and transported wholly by rail to points in the Province of Ontario, for use by consumers other than the railways, the assistance granted shall be by a reduction of one-sixth of one cent per ton per mile from existing rail rates, provided that the amount of the said reduction shall in no instance exceed one dollar and fifty cents (\$1.50) per net ton.
- (4) With respect to coal mined in the Province of New Brunswick and purchased by the railway companies for their own use at points in the Provinces of Quebec and Ontario, payments shall be made to the coal mine operators or coal distributors of the difference in amount per net ton between the laid-down cost to the railways of coal mined in the Province of New Brunswick and the laid-down cost at the same points of imported coal that would otherwise be used, up to a maximum of two dollars (\$2.00) per net ton, provided that:
 - (a) For the purpose of this Order in Council the said difference of laid-down costs shall be determined by the Dominion Fuel Board.
 - (b) The assistance shall not apply on shipments of less than carload lots.
 - (c) The assistance shall apply only on shipments of coal from coal mines or coal properties which were operating under legal permit and shipping coal prior to December 31, 1930.
 - (d) The assistance shall not be granted to those participating who refuse or fail to furnish such information as the Minister of Mines may consider necessary in the administrative duties connected with this movement; and that for the purpose of certifying such information the Minister of Mines or such officers of the Dominion Fuel Board as he may designate shall have free access to all books, records or accounts kept by shippers or the railways in connection with this movement and may make such examination thereof as may be considered necessary or expedient.
 - (e) The Minister of Mines be given the right to refuse approval in each and every application for assistance under this authority.
 - (f) The Dominion Fuel Board be charged with the duty of administering this Order in Council and be required to report to the Minister of Mines as to the amounts paid under this Order in Council each year during the said period.
 - (g) 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, Decima 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. 10/6016 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 requisits 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 said period set under the Maximum Price Regulations in accordance with Order-in-Council P.C. 8527 of 1st November, 1941.

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

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

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

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

P.C. 4740 (June 5, 1942)

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

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

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

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

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, Shierness, 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, 1939.
- (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.