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DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH

COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEARS
1919, 1920 and 1921

Published by Authority of the Hon. J. A. Robb, M.P.,
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PREFACE

The present report on Coal Statistics for Canada is issued in continuance of the series of annual reports previously published by the Department of Mines on the "Production of Coal and Coke in Canada." The report also includes other data covered in the bulletins on "The Coal Trade of Canada" issued by the Dominion Bureau of Statistics for the coal years April 1—March 31, 1917-18 and 1918-19. In addition, certain new matter rendered available through the plan of co-operation between the Bureau and the Governments of the several coal-producing provinces, has been included.

Comprehensive statistics covering every important phase of the production and distribution of Canadian coal and of imports from foreign sources have been tabulated in readily accessible form. Data regarding capital invested in coal mining in Canada, and of salaries and wages paid, man-days' work done and tonnages lost have been included for the first time, and practically all the tables present the data in more detail than in previous reports. The exact scope of the work of the Bureau on Coal Statistics is described in the note on the next following page.

The thanks of the Bureau are hereby tendered to the coal operators who, through the agency of their respective Provincial Governments, have furnished the Bureau each month with the data from which the present report has been compiled. The tables on the imports of coal have been compiled from data supplied semi-monthly by the Department of Customs.

The Bureau gratefully acknowledges its indebtedness to the Governments of the coal-producing provinces and to the Department of Customs for co-operation in this connection.

The preparation of the report has been carried out under the direct supervision of Mr. S. J. Cook, B.A., A.I.C., F.C.I.C., Chief of the Mining, Metallurgical and Chemical Branch of the Bureau.

R. H. COATS,
Dominion Statistician.

DOMINION BUREAU OF STATISTICS,
OTTAWA, September 1, 1922.

STATISTICS ON COAL 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 MINES STATISTICS

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

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

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

(2) IMPORTS AND EXPORTS

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

(3) DEALERS' REPORTS

In addition to the above records of supply and distribution, the Bureau receives a monthly report from wholesale and retail dealers throughout Canada showing receipts and stocks on hand, together with a summary statement of total costs (cost at mine, freight, duty, exchange, loss in handling and unloading charges) and prices. A monthly compilation of the returns re receipts is made; stocks in store are compiled monthly for seaboard points, and quarterly for the whole country.

(4) PUBLICATIONS OF THE BUREAU ON COAL

The Bureau issues the following reports: (1) A monthly review of coal production by districts, and of imports and exports by ports, with comparative figures for the corresponding periods of previous years; (2) a preliminary annual report on production, imports and exports; (3) an annual report on production, imports, distribution, labour, capital, etc., etc.

* * *

The statistics under (1) and (2) above are carried out in the Mining, Metallurgical and Chemical Branch of the Bureau. The dealers' reports and the records of prices are collected in the Internal Trade Branch. It may be added that the latter branch handled the statistical work of the Fuel Controller in 1917-18 and later, when a more elaborate series of records were maintained, including, (a) a detailed record of dealers' costs and margins (instead of the summary now obtained), (b) a record of the purchases of individual consumers who do not buy from dealers, but directly from the mine, such as gas companies, large industrial plants, railway companies, etc., (c) a weekly return from railway agents of cars of coal unloaded at each railway station throughout Canada, (d) a monthly statement from coal dock companies showing receipts, distribution of coal and stocks on hand. As above stated the latter records were discontinued on the cessation of fuel control, the dealers' general returns alone being maintained as a basis of organization in the event of an emergency arising and as more closely touching the public interest.

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DOMINION BUREAU OF STATISTICS

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COAL STATISTICS FOR CANADA

FOR THE CALENDAR YEARS 1919, 1920 AND 1921

CHAPTER ONE

DOMINION REVIEW

Coal Consumption.—The apparent consumption of coal in Canada during 1921 amounted to 31,173,000 tons, as compared with 35,204,000 tons in the preceding calendar year. For the past two years the province of Alberta has held the premier position among the coal-producing provinces of Canada, with Nova Scotia, the former leader, a close second, and British Columbia third, with Saskatchewan and New Brunswick following in order.

The output from all mines in Canada in 1921 was slightly over 15 million tons, as compared with nearly 17 million tons in the preceding year and 14 million tons in 1919. In 1921 the total imports of coal from the United States into Canada amounted to 18,103,000 tons, as compared with 20,815,000 tons in 1920, and 16,982,000 tons in the preceding year. Exports of Canadian coal in each of the three years was in the neighborhood of 2 million tons although in 1920 the total coal exported rose to 2,558,000 tons.

The principal coal-consuming province in each year was Ontario, while Quebec, Alberta, Nova Scotia, Manitoba (including Head of Lakes), British Columbia, Saskatchewan, New Brunswick, and Prince Edward Island followed in the order named.

The data given in Tables 1 and 2 show the amount of coal made available for consumption in each of the several provinces during 1920 and 1921, respectively. The output figures given were reported by the companies operating producing mines. The data on interprovincial shipments were also compiled from monthly statements sent in by the coal operators. The imports and exports items were compiled from data supplied by the Department of Customs, and in the case of imports, the figures given show the total quantity of coal imported from the United States during the year. Distinction must be made between this record and the figures given in the table of imports "entered for consumption." The tonnages "entered for consumption" represent only coal actually cleared from Customs for consumption in Canada. It often happens that large quantities of bituminous coal are brought into Canada but are not cleared from Customs until required for use, owing to the fact that there is a duty of 53c. a ton on all bituminous coal, round and run-of-mine, imported. The exports figures were compiled from returns showing the quantity of coal cleared through Customs ports during the year. Coal mined in one province is sometimes shown as exported from another province, a notable instance being that the bulk of coal exported from the province of Alberta is shipped through the Customs ports of Fernie and Cranbrook, in British Columbia, while some Nova Scotia coal is exported through the port of St. John, New Brunswick.

The coal made available for consumption in 1920 and 1921, computed from the data referred to above, is shown for each province in Tables 1 and 2. Separate totals have been made for the ports at the Head of the Lakes, and as much of

the coal received at the Customs ports of Fort William and Port Arthur finds its way into Manitoba, a separate total has been made to include the data for Manitoba and the Head of the Lakes.

From the tables it appears that in 1920 Canada produced 16.9 million tons, exported 2.5 million tons, imported 20.8 million tons, and thus apparently consumed 35.2 million tons. In 1921 when the output was 15 million tons, the quantity exported amounted to 1.9 million tons, imports to 18.1 million tons, and the apparent consumption was 31.1 million tons. The decline in the consumption of coal in 1921 was in conformity with the prevalent depression in the industrial world. A table showing the coal made available for consumption in Canada in 1919 has not been included as the date obtained on interprovincial movements were incomplete.

As a matter of historical interest Table 3 has been included. The data used were obtained from the reports published by the Department of Mines for the years 1886 to 1919. For 1920 and 1921, the data shown were collected by the Dominion Bureau of Statistics. In connection with the records of consumption it may be of interest to note the quantity of coal consumed by railway locomotives in recent years, as compiled from "Railway Statistics," published by the Transportation Branch of the Bureau. These data are given in Table 4.

Table 1—Coal made available for consumption in Canada in 1920 by provinces showing the Output, Exports, Interprovincial Shipments and Imports from the United States.

(Short tons.)

Provinces	Canadian Coal				Imported from U.S.A.	Coal Avail- able for Con- sumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
<i>Nova Scotia—</i>						
Anthracite.....					45,334	45,334
Bituminous.....	6,437,156	664	1,421,102	1,245,673	3,044	3,774,089
Total.....	6,437,150	664	1,421,102	1,245,673	48,378	3,819,423
<i>New Brunswick—</i>						
Anthracite.....					57,859	57,859
Bituminous.....	171,610	1,045,771	38,911	113,050	936	1,066,356
Total.....	171,160	1,045,771	38,911	113,050	58,795	1,124,215
<i>Prince Edward Island—</i>						
Anthracite.....					5,544	5,544
Bituminous.....		120,670		2	513	121,181
Total.....		120,670		2	6,057	126,725
<i>Quebec—</i>						
Anthracite.....					1,544,456	1,544,456
Bituminous.....		280,880		1,372	3,503,410	3,782,918
Total.....		280,880		1,372	5,047,866	5,327,374
<i>Central Ontario—</i>						
Anthracite.....					2,945,782	2,945,782
Bituminous.....		12,028			10,873,324	10,335,352
Total.....		12,028			13,319,106	13,331,134
<i>Head of Lakes—</i>						
Anthracite.....					205,682	205,682
Bituminous.....		629			1,963,579	1,964,208
Lignite.....		14,271				14,271
Total.....		14,900			2,259,261	2,274,161

Table 1—Coal made available for consumption in Canada in 1920 by provinces showing the Output, Exports, Interprovincial Shipments and Imports from the United States—Concluded.

Provinces	Canadian Coal				Imported from U.S.A.	Coal Available for Consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
<i>Manitoba—</i>						
Anthracite.....		1,356			17,509	18,865
Bituminous.....		259,060		721	43,547	301,892
Lignite.....		604,465				604,465
Total.....		864,887		721	61,056	925,222
<i>Manitoba and Head of Lakes—</i>						
Anthracite.....		1,356			313,191	314,547
Bituminous.....		259,695		721	2,007,126	2,266,100
Lignite.....		618,736				618,736
Total.....		879,787		721	2,320,317	3,199,383
<i>Saskatchewan—</i>						
Anthracite.....		4,657			206	4,863
Bituminous.....		176,618		3,132	535	174,021
Lignite.....		335,222	1,138,600	151,018		1,322,804
Total.....		335,222	1,319,875	151,018	3,132	1,501,688
<i>Alberta—</i>						
Anthracite.....		127,513		11,072		517
Bituminous.....		3,419,147	9,278	366,568	3,106	3,059,353
Lignite.....		3,361,105	599	1,658,895		1,702,809
Total.....		6,907,765	9,877	2,036,535	3,106	4,879,125
<i>British Columbia and Yukon—</i>						
Anthracite.....		5,059			75	5,134
Bituminous.....		3,095,011	69,225	148,248	1,191,167	13,137
Lignite.....			51,978			51,978
Total.....		3,095,011	126,262	148,248	1,191,167	13,212
<i>Canada—</i>						
Anthracite.....		127,513				4,912,964
Bituminous.....		13,122,924		2,558,223	15,902,632	26,467,333
Lignite.....		3,696,327				3,626,327
Total.....		10,946,764		2,558,223	20,815,596	35,204,137

Table 2.—Coal made available for consumption in Canada in 1921 by provinces showing the Output, Exports, Interprovincial Shipments and Imports from the United States.

(Short tons.)

Provinces	Canadian Coal				Imported from U.S.A.	Coal Available for Consumption
	Output	Received from other provinces	Shipped to other provinces	Exported		
<i>Nova Scotia—</i>						
Anthracite.....					62,245	62,245
Bituminous.....		5,734,928	241	1,459,422	727,787	3,549,835
Total.....		5,734,928	241	1,459,422	727,787	3,612,080
<i>New Brunswick—</i>						
Anthracite.....					82,509	82,509
Bituminous.....		187,192	499,637	14,296	71,698	41,950
Total.....		187,192	499,637	14,296	71,698	124,459
						725,294

Table 2.—Coal made available for consumption in Canada in 1921 by provinces showing the Output, Exports, Interprovincial Shipments and Imports from the United States—Concluded.

Provinces	Output	Canadian Coal			Imported from U.S.A.	Coal Avail- able for Con- sumption
		Received from other provinces	Shipped to other provinces	Exported		
<i>Prince Edward Island—</i>						
Anthracite.....	72,084			2	6,643 238	6,643 72,320
Bituminous.....						
Total.....	72,084			2	6,881	78,963
<i>Quebec—</i>						
Anthracite.....	901,756			85	1,311,712 2,684,566	1,311,712 3,586,237
Bituminous.....						
Total.....	901,756			85	3,996,278	4,897,940
<i>Central Ontario—</i>						
Anthracite.....					2,809,327	2,809,327
Bituminous.....				10	8,733,828	8,733,818
Total.....				10	11,543,155	11,543,145
<i>Head of Lakes—</i>						
Anthracite.....	4,375				260,890	260,890
Bituminous.....	7,529				1,975,918	1,980,293
Lignite.....						7,529
Total.....	11,904				2,236,808	2,248,712
<i>Manitoba—</i>						
Anthracite.....	384				33,473	33,857
Bituminous.....	110,858			1,600	76,833	186,001
Lignite.....	564,954					564,954
Total.....	676,196			1,600	110,306	784,812
<i>Manitoba and Head of Lakes—</i>						
Anthracite.....	384				294,363	294,747
Bituminous.....	115,233			1,600	2,052,751	2,166,294
Lignite.....	572,483					572,483
Total.....	688,100			1,600	2,347,114	3,033,524
<i>Saskatchewan—</i>						
Anthracite.....	3,032				254	3,287
Bituminous.....	150,470			2,633	2,127	149,961
Lignite.....	335,632	32,983,589	155,954			1,163,267
Total.....	335,632	1,137,092	155,954	2,633	2,381	1,316,518
<i>Alberta—</i>						
Anthracite.....	96,964		5,892		66	91,138
Bituminous.....	2,867,833	7,786	274,700	843	1,829	2,601,905
Lignite.....	2,944,420		1,154,023			1,490,397
Total.....	5,909,217	7,786	1,734,615	843	1,805	4,163,440
<i>British Columbia and Yukon—</i>						
Anthracite.....		2,475			251	2,726
Bituminous.....	2,890,524	58,248	57,037	1,182,528	17,086	1,726,293
Lignite.....		53,905				53,905
Total.....	2,890,524	114,628	57,037	1,182,528	17,337	1,782,924
<i>Canada—</i>						
Anthracite.....	96,964				4,567,370	4,664,334
Bituminous.....	11,680,477				1,987,276	13,536,250
Lignite.....	3,280,052					3,280,052
Total.....	15,037,493				1,987,276	18,103,620
						31,173,837

Table 3.—Annual Consumption of Coal in Canada.

(In short tons.)

Calendar Year	Canadian		Imported		Total	Per capita
	Short tons	%	Short tons	%		
1900.....	3,989,542	47.8	4,361,563	52.2	8,351,105	1.561
1901.....	4,912,664	50.5	4,810,213	49.5	9,722,877	1.810
1902.....	5,376,413	51.0	5,165,938	49.0	10,512,351	1.927
1903.....	6,005,735	52.2	5,491,870	47.8	11,507,605	2.055
1904.....	6,697,183	49.2	6,900,651	50.8	13,606,834	2.346
1905.....	7,032,661	48.9	7,343,880	51.1	14,376,541	2.362
1906.....	7,927,560	51.7	7,398,906	48.3	15,326,466	2.425
1907.....	8,617,352	45.0	10,549,503	55.0	19,166,855	2.947
1908.....	9,156,478	47.3	10,195,424	52.7	19,351,902	2.820
1909.....	8,913,376	47.9	9,711,826	52.1	18,625,202	2.682
1910.....	10,532,103	50.2	10,458,123	49.8	20,970,226	2.960
1911.....	9,822,749	40.5	14,424,949	59.5	24,247,698	3.365
1912.....	12,385,696	46.0	14,549,104	54.0	26,934,800	3.657
1913.....	13,450,158	42.6	18,132,387	57.4	31,582,545	4.196
1914.....	12,214,403	45.5	14,637,920 ^f	54.5	26,852,323	3.490
1915.....	11,500,480	48.1	12,406,212	51.9	23,906,692	3.041
1916.....	12,348,036	41.3	17,517,820	58.7	29,865,856	3.717
1917.....	12,313,603	37.2	20,810,132	62.8	33,123,735	4.049
1918.....	13,160,731	37.8	21,611,101	62.2	34,771,832	4.175
1919.....	11,819,046	41.1	16,982,773	58.9	28,831,819	3.401
1920.....	11,388,541	40.9	20,815,506	59.1	35,204,137	4.079
1921.....	13,070,217	41.9	18,103,620	58.1	31,173,837	3.517

In the foregoing table the "Consumption" figures for each year from 1900 to 1918 were computed by adding production (sales, colliery consumption and coal supplied to employers) to imports, and deducting Canadian coal exported. Data for 1919, 1920 and 1921 were compiled as for Tables 1 and 2.

Table 4.—Annual Consumption of Coal by Railway Locomotives in Canada.*

(In short tons.)

		Anthracite	Bituminous	Total
Year ended June 30, 1911.....		6,444	6,769,903	6,776,347
" " 1912.....		5,374	7,732,938	7,733,312
" " 1913.....		4,662	9,040,963	9,045,625
" " 1914.....		5,271	8,268,186	8,273,457
" " 1915.....		3,691	6,673,845	6,677,526
" " 1916.....		4,809	8,672,455	8,677,354
" " 1917.....		4,900	9,783,524	9,788,424
" " 1918.....		3,283	9,836,623	9,839,906
" " 1919.....		4,430	9,136,503	9,141,023
Calendar Year, 1920.....		4,270	10,372,687	10,376,957
" 1921.....		9,681	8,784,607	8,794,288

*Compiled in the Transportation Branch.

Output.—The output of coal from Canadian mines during the twelve months ending December, 1921, amounted to 15,057,493 short tons, valued at \$72,451,656. As noted in the preceding section, this output represented a considerable decrease from the output of the previous year, when 16,631,954 tons was mined, the value of the output being \$80,693,723. Table 5 shows the output and disposition of coal for the Dominion by grades for 1921. Table 6a shows the output by provinces and kinds of coal for the past three years; Table 6b shows the output by months for the same three years and Table 7 presents an historical summary of the output and value of coal mined in Canada for each year since 1881.

Table 5.—Output and Disposition of Coal for the Dominion for year 1921.
(In short tons.)

	Run of Mine	Screened	Slack	Total Coal	Total Value \$	Average Value per ton
Supplied to employees for domestic consumption.....	161,473	75,069	1,082	237,624	647,137	\$2 72
Used for power purposes (colliery boilers, company railroads, etc.).....	401,906	78,119	653,643	1,133,668	3,795,151	3 35
Ships bunkers and railroads—						
(A) Ships bunkers.....	562,324	345,101	.....	907,425	5,317,934	5 86
(B) Railroads.....	3,194,297	325,383	99,517	3,619,197	18,654,057	5 15
Shipments of coal.....	3,801,514	3,818,460	1,075,426	8,695,400	43,187,849	4 97
Used in making coke at colliery.....	.....	.....	95,923	95,923	495,919	5 17
Used in making briquettes.....	.....	.....	47,240	47,240	114,597	2 43
Put on bank.....	100,649	34,404	33,339	168,392	807,411	4 79
Put on waste heap.....	37,267	156,919	156,042	350,228	94,219	27
Total disposition.....	8,259,430	4,833,455	2,162,212	15,255,097	73,114,274	4 79
Lifted from bank.....	68,720	25,482	103,402	197,604	662,618	3 35
Total output.....	8,190,710	4,807,973	2,058,810	15,057,493	72,451,656	4 81

Table 6 (a).—Output of Coal and Value by Provinces and kinds of Coal for years 1919, 1920 and 1921.

(Short tons.)

Province	1919		1920		1921	
	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$
Nova Scotia (Bituminous).....	5,790,196	22,350,157	6,437,156	32,314,523	5,734,928	27,782,050
New Brunswick(Bituminous).....	166,377	735,386	171,610	1,091,440	187,192	920,666
Saskatchewan (Lignite).....	379,347	819,390	335,222	797,828	335,632	823,180
Alberta { Anthracite.....	855,579	.....	127,513	.....	96,964	330,699
Bituminous.....	2,285,957	.....	3,419,147	.....	2,867,833	14,466,482
Lignite.....	2,562,124	.....	3,361,105	.....	2,944,420	12,449,333
Total Alberta.....	4,933,660	18,205,205	6,907,765	30,186,933	5,009,217	27,246,514
British Columbia.....	2,649,516	13,512,532	3,095,011	18,105,814	2,890,291	15,676,774
Yukon.....	.....	.....	.....	.....	233	2,472
Total for Canada.....	13,919,096	55,622,670	16,946,764	82,496,588	15,057,493	72,451,656

Table 6 (b).—Output of Coal from Canadian Mines by Months, for 1919-20-21.

(Short tons.)

	Months	1919	1920	1921
January.....	1,337,852	1,606,238	1,372,734	
February.....	1,136,188	1,303,221	1,214,839	
March.....	1,261,524	1,309,376	1,142,581	
April.....	1,044,288	1,189,856	932,747	
May.....	951,957	1,170,074	992,901	
June.....	623,723	1,351,703	1,106,932	
July.....	686,450	1,326,360	1,170,067	
August.....	830,165	1,372,601	1,519,025	
September.....	1,278,300	1,449,205	1,321,214	
October.....	1,566,572	1,414,227	1,407,944	
November.....	1,573,826	1,748,109	1,522,027	
December.....	1,628,261	1,700,789	1,354,482	
Total.....	13,919,096	16,946,764	15,057,493	

Table 7.—Annual Production of Coal in Canada.

Year	Short tons	Value	Average per ton	Year	Short tons	Value	Average per ton
1785-1880.....	16,426,253	\$28,190,518	\$ 1.72	1901.....	6,486,325	\$12,699,243	1.96
1881.....	1,537,106	2,688,621	1.75	1902.....	7,466,681	15,210,877	2.04
1882.....	1,848,148	3,248,446	1.76	1903.....	7,960,364	15,942,833	2.00
1883.....	1,818,684	3,109,635	1.71	1904.....	8,254,595	16,592,231	2.01
1884.....	1,984,959	3,593,831	1.81	1905.....	8,667,948	17,520,263	2.02
1885.....	1,920,977	3,417,807	1.78	1906.....	9,762,601	19,732,019	2.02
1886.....	2,116,653	3,729,840	1.77	1907.....	10,511,426	24,381,842	2.32
1887.....	2,429,330	4,388,206	1.81	1908.....	10,886,311	25,194,573	2.31
1888.....	2,602,552	4,674,140	1.80	1909.....	10,501,475	24,781,236	2.30
1889.....	2,658,303	4,894,287	1.84	1910.....	12,900,152	20,909,779	2.39
1890.....	3,084,682	5,676,247	1.84	1911.....	11,323,388	26,467,646	2.34
1891.....	3,577,749	7,019,425	1.96	1912.....	14,512,829	36,019,044	2.48
1892.....	3,287,745	6,363,757	1.94	1913.....	15,012,178	37,334,940	2.49
1893.....	3,783,499	7,359,080	1.95	1914.....	13,637,529	33,471,801	2.45
1894.....	3,847,070	7,429,468	1.93	1915.....	13,267,023	32,111,182	2.42
1895.....	3,478,344	6,739,153	1.94	1916.....	14,483,395	38,817,481	2.68
1896.....	3,445,716	7,226,462	1.93	1917.....	14,046,759	43,199,831	3.08
1897.....	3,786,107	7,301,597	1.93	1918.....	14,977,926	55,192,896	3.68
1898.....	4,173,108	8,224,288	1.97	1919.....	13,919,096	55,622,670	3.99
1899.....	4,225,051	10,283,497	2.09	1920.....	16,946,761	82,496,538	4.86
1900.....	5,717,319	13,742,178	2.38	1921.....	15,057,493	72,451,656	4.81

*The tonnage shown in 1919, 1920 and 1921, is the total output from all mines. For previous years the tonnage shown includes sales, colliery consumption, and coal used by the operators.

Disposition.—Tables have been prepared to show the disposition of coal by the mine operators in each of the years 1920 and 1921. In addition to shipments, which accounted in each year for the greater part of the disposition and included coal sold for railway consumption, the tables show the quantities of coal used at the collieries, either under the colliery boilers or by the companies' railroads or shops, or by the employees for domestic consumption. Coal used in making coke at the colliery is shown although coal sold to steel companies for the manufacture of coke at some point other than at the mine, is included in shipments. The total coal banked during the year and the total quantities lifted from bank, are both shown. Tables 8 and 9 show the disposition of coal by provinces for 1920 and 1921. Corresponding data for 1919 were not available.

Table 8.—Disposition of Coal by Provinces. 1920
(Short tons.)

	Nova Scotia	New-Brunswick	Saskat-chewan	Alberta	British Columbia	Total
Supplied to employees for domestic consumption.....	158,836	1,657	3,560	48,910	29,503	242,466
Shops, etc.....	32,040					32,040
Used under colliery boilers, etc.....	469,630	6,654	15,745	367,268	237,676	10,969,73
Used by company's rail roads.....	50,645		2,669	11,317	15,230	88,890
Shipped.....	5,688,603	163,545	309,610	6,324,826	2,430,347	14,923,131
Used for making coke at colliery.....					113,850	113,850
Harbour tugs and dredges.....	895					895
Used in making briquettes.....			1,576	83,919		85,495
Put on bank.....	226,837	1,230	897	30,192	72,862	338,039
Put on waste heap.....	29,292	467	1,198	106,938	301,400	439,295
Total disposition.....	6,666,028	173,553	335,255	6,979,370	3,206,868	17,361,074
Lifted from bank.....	207,780	1,376	33	63,054	89,075	3,613,318
Lifted from waste heap.....	21,092	567		8,551	22,782	52,992
Total Output.....	6,437,156	171,610	335,222	6,907,765	3,095,011	16,946,764

Table 9.—Disposition of Coal by Provinces, 1921.

	Nova-Scotia	New Brunswick	Saskat-chewan	Alberta	British Columbia and Yukon	Total Dominion
Supplied to employees for domestic consumption...	148,876	1,604	3,853	49,833	29,032	233,198
Shops, etc.....	16,228					16,228
Used under colliery boilers, etc.....	465,181	2,438	14,776	335,953	199,992	1,018,340
Used by company's railroad.....	49,290		3,250	7,233	18,052	77,825
Shipped.....	5,006,015	181,001	309,919	5,406,109	2,286,443	13,189,487
Used for making coke at colliery.....					109,031	109,031
Harbour tugs and dredges.....	1,663					1,663
Used in making briquettes.....					57,213	57,213
Put on bank.....	321,462	11,026	2,456	75,853	82,926	493,723
Put on waste heap.....	40,486	51	3,456	73,14	29,36	409,503
Total disposition.....	609,201	196,120	337,710	6,001,238	3,017,842	15,606,211
Lifted from bank.....	314,273	8,928	2,078	69,416	127,318	522,013
Lifted from waste heap.....				26,705		26,705
Total Output.....	5,734,928	187,192	335,632	5,900,217	2,890,524	15,057,403

Exports.—Records of the exports of coal from Canada are supplied twice a month to the Bureau by the Department of Customs, and while the coal operators show on their monthly reports the quantity of coal sold for export, the data given in this report on coal exported from Canada, are all compiled from Customs figures. The coal reported by operators as having been sold for export is included under the heading "shipments." In reporting the exports of Canadian coal it has been found advisable not to show the data by provinces as the Customs records show the total quantity of coal exported from Canada through each port of exit without regard to the origin of the coal. It, sometimes, happens that coal mined in one province is exported through another province. For example, practically all the Alberta coal sold for export is actually cleared through the ports of Fernie and Cranbrook in British Columbia. Similarly, Nova Scotia coal is sometimes exported through New Brunswick ports. Table 10 shows the quantity of Canadian coal exported from eastern and western Canada during each of the past three years.

In recent years it has been possible for Canadian producers to market varying quantities of coal in Europe as well as in the United States and Newfoundland, and to show where the Canadian coal has been shipped, Table 11 has been compiled by the External Trade Branch of the Bureau from records supplied by the Department of Customs. This table shows the quantity of Canadian coal exported during each of the past three years by countries of destination. Quantities and values are given.

Table 10.—Exports of Canadian Coal from Eastern and Western Canada during the Calendar years 1919-21.

	1919	1920	1921
Eastern Canada.....	1,054,126	1,360,097	799,582
Western Canada.....	1,015,924	1,198,126	1,197,694
Total Exports.....	2,070,050	2,558,223	1,987,276

Table 11.—Exports of Canadian Coal by Destination, 1919-20-21
 (Compiled in the External Trade Branch)

Destination	Calendar Years		
	1919	1920	1921
United Kingdom.....	Tons 219,455 Value \$ 1,768,380	Tons 136,014 Value \$ 1,384,415	Tons 362,086 Value \$ 2,906,588
British South Africa.....	Tons 7,906 Value \$ 63,410	Tons 19,747 Value \$ 202,345	Tons 12,450 Value \$ 110,076
British West Africa.....	Tons Value \$	Tons 8,061 Value \$	Tons Value \$
Bermuda.....	Tons 3,203 Value \$ 34,730	Tons 7,055 Value \$ 85,985	Tons 624 Value \$ 7,851
British East Indies—			
India.....	Tons Value \$	Tons 1,997 Value \$ 23,964	Tons Value \$
Straits Settlements.....	Tons 760 Value \$	Tons Value \$	Tons Value \$
British Guiana.....	Tons Value \$ 4,940	Tons 12,246 Value \$ 122,460	Tons 15,155 Value \$ 166,813
British West Indies—			
Barbados.....	Tons 372 Value \$ 2,232	Tons 2,954 Value \$ 38,655	Tons 870 Value \$ 7,282
Jamaica.....	Tons Value \$	Tons 3,000 Value \$	Tons Value \$ 275
Trinidad.....	Tons Value \$	Tons 37,270 Value \$	Tons 3,300 Value \$ 2,710
Other B. W. I.....	Tons 750 Value \$ 7,500	Tons 4,323 Value \$ 32,523	Tons 32,523 Value \$ 22,306
Egypt and Sudan.....	Tons 2,405 Value \$ 23,775	Tons 1,611 Value \$ 19,420	Tons 109 Value \$ 1,417
Gibraltar.....	Tons Value \$	Tons Value \$	Tons 4,495 Value \$ 36,674
Hong Kong.....	Tons Value \$	Tons 34,901 Value \$ 392,642	Tons 11,608 Value \$ 96,546
Malta.....	Tons Value \$	Tons 2,383 Value \$ 19,064	Tons Value \$
Newfoundland.....	Tons 405,321 Value \$ 2,355,315	Tons 392,106 Value \$ 2,720,234	Tons 212,611 Value \$ 1,637,703
Australia.....	Tons 22,732 Value \$ 147,751	Tons 28,384 Value \$ 231,913	Tons 10,935 Value \$ 104,029
New Zealand.....	Tons 3,000 Value \$ 36,000	Tons 20,781 Value \$ 225,627	Tons 7,750 Value \$ 77,000
Total British Empire.....	Tons 693,194 Value \$ 4,715,977	Tons 679,507 Value \$ 5,639,813	Tons 643,747 Value \$ 5,198,644
Argentina.....	Tons 718 Value \$ 5,026	Tons 14,830 Value \$ 177,827	Tons Value \$
Belgium.....	Tons 1,673 Value \$ 13,561	Tons 14,121 Value \$ 142,757	Tons 9,648 Value \$ 91,337
Brazil.....	Tons 1,587 Value \$ 19,837	Tons Value \$	Tons 1,487 Value \$
China.....	Tons 1,501 Value \$ 9,756	Tons 15,373 Value \$ 133,192	Tons 14,870 Value \$ 7,531
Cuba.....	Tons 492 Value \$ 5,040	Tons 7,183 Value \$ 68,992	Tons 903 Value \$ 7,768
Denmark.....	Tons 1,616 Value \$ 12,493	Tons 6,583 Value \$ 74,015	Tons 4,205 Value \$ 35,298
Greenland, Iceland, etc.....	Tons 443 Value \$ 2,569	Tons Value \$	Tons 2,606 Value \$ 21,746
Finland.....	Tons Value \$	Tons 136 Value \$ 1,632	Tons Value \$
France.....	Tons 47,398 Value \$ 347,125	Tons 199,044 Value \$ 1,442,787	Tons 13,340 Value \$ 115,470
French Possessions—			
French Africa.....	Tons 6,449 Value \$ 66,067	Tons 51,420 Value \$ 340,223	Tons 5,817 Value \$ 59,365
St. Pierre Miquelon.....	Tons 20,719 Value \$ 127,382	Tons 13,859 Value \$ 99,075	Tons 11,494 Value \$ 95,506
Germany.....	Tons Value \$	Tons 505 Value \$	Tons 7,970 Value \$
Greece.....	Tons Value \$	Tons 4,457 Value \$ 2,086	Tons 64,669 Value \$ 26,334

Table 11.—Exports of Canadian Coal by Destinations, 1919-20-21—Con.
(Compiled in the External Trade Branch)—Concluded.

Destination	Calendar Years		
	1919	1920	1921
Hayti.....	Tons Value	125 \$ 1,750	.....
Italy.....	Tons Value	4,621 \$ 1,446	5,492
Japan.....	Tons Value	55,253 \$ 13,640	49,416
Mexico.....	Tons Value	15,031 \$ 11,395	37,705
Morocco.....	Tons Value	120,376 \$ 76,006	328,405
Netherlands.....	Tons Value	772 \$ 10,466	.....
Netherlands Possessions—Dutch East Indies.....	Tons Value	42,444 \$ 7,074	.....
Norway.....	Tons Value	241,416 \$ 123,176	70,054
Panama.....	Tons Value	1,662,419 \$ 782,644	515,184
Poland.....	Tons Value	2,055 \$ 24,660	.....
Portugal.....	Tons Value	4,205 \$ 14,934	.....
Roumania.....	Tons Value	34,613 \$ 96,144	.....
Russia.....	Tons Value	1,616 \$ 10,045	.....
San Domingo.....	Tons Value	14,544 \$ 103,185	.....
Spain.....	Tons Value	4,616 \$ 40,552	.....
Sweden.....	Tons Value	698 \$ 3,815	.....
United States.....	Tons Value	2,473 \$ 2,002	5,589
Alaska.....	Tons Value	230 \$ 14,313	42,254
Hawaii.....	Tons Value	548 \$ 4,658	.....
Philippines.....	Tons Value	2,416 \$ 2,040	.....
Uruguay.....	Tons Value	9,106 \$ 105	.....
Total, Foreign Countries.....	Tons Value	105,172 \$ 1,150,264	1,124,277
Grand Total.....	Tons Value	6,760,143 \$ 5,606,315	6,879,119
	Tons Value	45,437 \$ 50,117	24,816
	Tons Value	407,876 \$ 356,262	217,240
	Tons Value	3,794 \$ 15,703	.....
	Tons Value	34,013 \$ 121,309	.....
	Tons Value	8,443 \$ 2,236	4,519
	Tons Value	70,699 \$ 14,534	40,671
	Tons Value	1,253 \$ 2,200	.....
	Tons Value	15,189 \$ 26,400	.....
			1,343,504
			\$ 7,722,908
			8,697,726
			2,558,174
			\$ 12,438,885
			1,987,251
			\$ 18,014,899
			13,896,370

Imports.—Data regarding imports of anthracite and bituminous coal into Canada are supplied to the Bureau twice a month by the Department of Customs. The figures show for each Customs port of entry the total quantity of each kind of coal imported during the period. These data are not comparable with the imports statistics published in the Monthly Reports on the Trade of Canada, which reports show only the quantity of coal actually cleared from Customs for consumption in Canada. It often happens that large quantities of bituminous coal are brought into Canada but are not cleared from Customs until required for use owing to the fact that there is a duty of 53 cents a ton collected on all bituminous coal, round and run-of-mine, imported. With the exception therefore of Table 11, "Imports of coal entered for consumption in Canada," which was compiled from the Monthly Reports on the Trade of Canada, prepared in the External Trade Branch of the Bureau, all the tables of imports in this report show the total quantity of coal received at each of the Customs ports indicated.

Since Canada's coal resources lie in the Maritime Provinces and in the three western provinces, Central Canada has so far been largely dependent upon the United States for its supply of fuel. In each of the past two years Central Ontario received close to 3 million tons of anthracite from the United States and an additional third of a million tons of anthracite was dumped at Canadian upper-lake ports. Imported bituminous coal received by Central Ontario amounted to about 10 million tons in each year with 2 million tons additional at the Head of the Lakes. In the same periods the province of Quebec imported about 1.5 million tons of United States anthracite and about 3 million tons of bituminous coal from the same source. Very little coal from United States mines was consumed in Canada outside the area included by the provinces of Manitoba, Ontario and Quebec. As yet it has not been found practicable to ship western coal as far east as Ontario. On the other hand before the war Nova Scotia regularly shipped about 2 million tons of soft coal to St. Lawrence ports, and recently there has been a resumption of this trade. The dependence of Central Canada on imported coal gives particular significance to the tables of imports, and these have been prepared in considerable detail for this reason.

Table 12 shows the imports of anthracite coal by grades into each province during the past three calendar years, and Table 13 shows corresponding data on bituminous coal imports. A summary of the imports of anthracite and bituminous coal by grades received at the ports of eastern Canada including in the term the territory east of Fort William and Fort Arthur, and into western Canada including the ports of Fort William and Fort Arthur at the Head of the Lakes in Ontario and all the western provinces, is shown in Table 14.

Further analyses of the data on the imports of anthracite and bituminous coal from the United States are given in Tables 15 and 16. Table 15 shows the imports into each province of anthracite and bituminous coal separately for each month of the past three years. Table 16 shows the average importations during the past three years of anthracite and bituminous coal into Canada by months and by provinces.

The fortnightly records on imports supplied by the Department of Customs show only the tonnages imported, but the monthly returns by that department to the External Trade Branch of the Bureau show not only the quantities of coal entered for consumption, but also the declared values. Table 17 shows the annual imports of coal "entered for consumption" since 1907, as compiled from these latter records. The data in Table 17 corresponds with the figures shown in the monthly reports on the Trade of Canada.

Table 12.—Imports of Anthracite Coal by Provinces and Grades for the years 1919, 1920 and 1921.

	1919		1920		1921	
	Egg, Nut, etc.	Dust	Egg, Nut, etc.	Dust	Egg, Nut, etc.	Dust
Nova Scotia.....	60,095		45,334		62,203	42
Prince Edward Island.....	9,574		5,544		6,643	
New Brunswick.....	66,898		57,859		82,509	
Quebec.....	1,243,735	129,725	1,186,674	357,782	1,184,445	127,267
Ontario.....	3,393,533	50,015	3,124,573	116,889	3,024,304	45,913
Manitoba.....	12,561	345	12,520	4,989	30,724	2,749
Saskatchewan.....			162	44	254	
Alberta.....	66		341	176	66	
British Columbia.....	135	1	75		249	2
Yukon.....						
Total for Canada.....	4,791,597	180,686	4,433,084	479,880	4,391,397	175,973

Table 13.—Imports of Bituminous Coal by Provinces and Grades for the years 1919, 1920 and 1921.

	1919		1920		1921	
	Round and run- of-mine	Slack	Round and run- of-mine	Slack	Round and run- of-mine	Slack
Nova Scotia.....	3,956	120	2,784	260	1,421	454
Prince Edward Island.....	142	.....	513	.....	238	.....
New Brunswick.....	11,750	1	936	.....	18,019	23,931
Quebec.....	2,106,489	567,330	3,100,196	403,214	2,059,632	624,934
Ontario.....	7,635,319	1,613,400	10,497,651	1,839,252	8,854,892	1,854,854
Manitoba.....	36,390	26,356	23,601	19,946	25,815	51,018
Saskatchewan.....	1,089	317	535	.....	645	1,482
Alberta.....	301	830	348	259	797	1,032
British Columbia.....	6,210	490	9,372	3,756	16,926	155
Yukon.....	.....	.....	9	.....	5	.....
Total for Canada.....	9,801,646	2,208,844	13,635,945	2,266,687	10,978,390	2,557,860

Table 14.—Imports of Anthracite and Bituminous Coal for Eastern and Western Canada by grades for each of the years 1919-20-21.

	Anthracite			Bituminous			Total All Grades
	Egg, Nut, etc.	Dust	Total Anthra- cite	Round and run- of-mine	Slack	Total Bitum- inous	
Eastern Canada—							
1919.....	4,313,159	180,340	4,493,499	8,523,509	2,067,154	10,390,723	14,884,222
1920.....	4,124,304	474,671	4,598,975	11,727,200	2,154,027	13,831,227	18,480,202
1921.....	4,009,214	173,222	4,272,436	9,084,078	2,378,370	11,462,457	15,734,893
Western Canada—							
1919.....	478,438	346	478,784	1,478,077	141,690	1,619,767	2,098,551
1920.....	318,780	5,209	313,989	1,908,745	112,660	2,021,405	2,335,394
1921.....	292,183	2,751	294,934	1,894,312	179,481	2,073,793	2,368,727
Totals—							
1919.....	4,791,597	180,686	4,972,283	9,801,646	2,208,844	12,010,490	16,982,773
1920.....	4,433,084	479,880	4,912,964	13,635,945	2,266,687	15,902,632	20,815,596
1921.....	4,391,397	175,973	4,567,370	10,978,390	2,557,860	13,530,250	18,103,620

Table 15.—Imports of Anthracite and Bituminous Coal by Provinces for the Calendar years 1919-20-21.

(Short Tons)

46499-24

Provinces	January	February	March	April	May	June	July	August	September	October	November	December	Total for year
<i>Nova Scotia—</i>													
Anthracite—1919...	5,278	7,710	373	817	320	10,549	7,655	8,201	6,862	5,759	4,109	2,372	60,005
1920...	3,596	1,740	3,747	936	232	5,972	7,432	5,609	4,277	3,061	5,583	3,129	45,334
1921...	2,906	3,136	4,194	65	5,458	7,031	10,176	8,596	6,718	6,536	2,572	4,857	62,245
Bituminous—1919...	3,086	58	55	30	103	154	44	255	965	109	110	630	4,076
1920...	55	46	349	103	5	5	44	255	812	65	196	3,044	3,044
1921...	454	1,127	.....	.....	.....	.....	50	.....	.....	152	87	1,875	1,875
<i>Prince Edward Island—</i>													
Anthracite—1919...	2,312	263	823	95	.....	191	1,290	1,490	402	844	1,048	787	9,574
1920...	677	312	883	797	97	2,231	1,251	234	482	49	207	555	5,544
1921...	107	384	204	.....	57	.....	2,091	569	889	.....	.....	111	6,643
Bituminous—1919...	50	.....	.....	97	.....	.....	.....	.....	.....	92	.....	.....	142
1920...	100	.....	.....	53	.....	.....	.....	.....	.....	307	.....	.....	513
1921...	.....	.....	.....	.....	.....	.....	.....	.....	.....	185	.....	.....	238
<i>New Brunswick—</i>													
Anthracite—1919...	13,278	9,234	1,525	586	2,474	2,659	6,764	8,051	9,563	5,700	4,792	2,260	66,898
1920...	3,689	1,553	4,669	6,810	3,926	4,821	6,316	8,421	7,266	2,103	4,502	3,753	57,859
1921...	5,147	2,716	5,265	4,011	7,760	7,783	9,613	13,311	9,831	7,427	3,198	6,447	82,509
Bituminous—1919...	873	1,802	1,945	787	51	154	2,910	2,800	309	38	19	3	11,751
1920...	43	57	184	120	32	41	.....	.....	133	48	133	145	936
1921...	468	43	218	48	90	38	1	3,165	5,594	9,425	9,131	13,729	41,950
<i>Quebec—</i>													
Anthracite—1919...	102,408	75,552	43,336	27,958	111,900	161,253	190,462	173,936	142,816	135,202	116,532	88,055	1,378,460
1920...	80,837	67,643	99,846	66,017	113,163	195,174	263,865	210,267	138,626	139,259	120,354	108,505	1,544,456
1921...	87,395	81,036	81,646	52,606	151,587	146,328	172,882	131,264	115,890	97,055	90,743	103,282	1,311,712
Bituminous—1919...	253,919	182,283	118,931	66,057	113,869	314,586	378,338	400,077	302,508	326,069	170,036	46,856	2,673,819
1920...	68,992	64,950	121,144	127,978	126,658	261,632	385,002	449,044	412,755	513,086	427,201	534,338	3,503,410
1921...	457,402	214,834	193,196	121,010	180,506	234,232	207,952	238,255	192,343	235,928	225,709	183,109	2,684,566

Table 15.—Imports of Anthracite and Bituminous Coal by Provinces for the Calendar years 1919-20-21—Con.

(Short Tons)

Provinces	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total for year
<i>Ontario—</i>													
Anthracite—1919...	276,390	255,035	124,299	180,302	346,688	255,607	319,371	393,231	402,960	297,410	248,045	344,809	3,444,148
1920...	268,823	222,613	330,989	187,617	220,883	264,993	340,224	368,669	219,583	272,176	286,437	258,462	3,241,464
1921...	232,508	218,863	292,310	217,730	293,071	342,911	295,831	262,460	214,330	206,154	229,299	264,150	3,070,217
Bituminous—1919...	716,829	534,325	485,429	324,455	619,009	943,311	1,125,526	1,118,960	1,291,774	1,241,244	689,116	158,741	9,248,719
1920...	453,342	496,643	864,666	578,065	554,669	836,706	1,332,078	1,578,744	1,370,361	1,451,804	1,610,589	1,205,235	12,336,903
1921...	907,389	604,008	613,217	449,901	701,021	1,182,185	1,203,973	1,285,511	993,963	918,124	926,199	764,254	10,709,746
<i>Manitoba—</i>													
Anthracite—1919...	20	...	398	199	319	521	2,474	1,579	196	1,360	2,915	2,925	12,906
1920...	1,805	1,042	88	...	...	1,197	2,813	3,355	1,39	2,243	1,911	1,663	17,509
1921...	790	1,506	751	90	308	278	178	2,058	4,091	5,802	10,891	6,725	33,473
Bituminous—1919...	1,405	1,800	6,168	1,544	2,967	2,917	4,685	3,746	2,921	8,961	14,009	11,623	62,746
1920...	6,068	7,975	5,763	4,444	3,390	799	1,936	3,967	2,412	1,319	2,156	2,718	43,547
1921...	2,149	6,654	8,69	6,762	7,53	6,481	3,849	2,790	5,544	7,604	9,965	8,805	76,833
<i>Saskatchewan—</i>													
Anthracite—1919...	...	...	...	...	...	...	...	...	...	...	...	...	...
1920...	...	...	...	...	...	...	...	...	...	29	39	138	206
1921...	30	...	...	...	...	30	...	...	70	...	93	31	254
Bituminous—1919...	...	...	50	38	102	...	526	532	93	2	15	48	1,406
1920...	52	43	3	33	...	...	54	301	...	2	38	9	535
1921...	12	...	266	368	614	255	100	265	12	69	134	32	2,127
<i>Alberta—</i>													
Anthracite—1919...	...	...	...	...	...	32	34	...	...	279	238	...	66
1920...	...	...	...	...	...	...	...	...	...	...	...	...	517
1921...	...	...	...	...	...	...	...	...	...	...	...	...	66
Bituminous—1919...	40	30	53	...	167	63	223	255	...	107	72	121	1,131
1920...	42	74	31	58	...	37	32	73	...	124	101	40	607
1921...	92	33	125	99	175	40	170	103	68	80	807	37	1,829

Table 15.—Imports of Anthracite and Bituminous Coal by Provinces for the Calendar years 1919-20-21—Con.

(Short Tons)

Provinces	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total for year
<i>British Columbia and Yukon—</i>													
Anthracite—1919...		52						32	52				138
1920...							50			25			75
1921...						224	25					2	251
Bituminous—1919...	1,625	565	765	205	231	273	268	365	679	994	510	200	6,700
1920...	588	435	756	82	188	2,318	2,770	1,003	454	845	2,073	1,623	13,137
1921...	1,722	2,133	1,417	615	518	315	745	932	2,114	2,461	1,974	2,240	17,086
<i>Canada—</i>													
Anthracite—1919...	399,686	347,866	170,754	209,958	461,701	430,812	537,059	586,570	562,851	446,281	377,531	441,214	4,972,283
1920...	359,427	294,903	440,222	263,077	338,321	472,157	561,981	596,555	371,626	419,224	419,266	376,205	4,012,064
1921...	328,853	307,671	384,373	274,502	458,841	506,592	488,904	419,803	251,500	323,861	336,863	385,605	4,567,370
Bituminous—1919...	977,777	720,915	613,417	303,141	730,426	1,261,304	1,512,676	1,526,735	1,598,344	1,577,616	873,887	218,252	12,010,490
1920...	529,782	570,266	692,593	711,221	695,010	1,101,700	1,722,467	2,033,101	1,787,455	1,969,347	2,018,356	1,742,304	15,902,632
1921...	1,369,688	887,005	818,258	578,856	980,450	1,423,551	1,416,700	1,531,028	1,199,688	1,183,876	1,171,071	972,393	13,536,250

Table 16.—Average Imports during the three years, 1919-20-21 of Anthracite and Bituminous Coal into Canada by Months and by Provinces.

(Short Tons)

	January	February	March	April	May	June	July	August	September	October	November	December	Total
<i>Nova Scotia—</i>													
Anthracite.....	3,926	4,195	2,771	606	2,010	7,850	8,421	7,468	5,953	5,119	4,119	3,453	55,891
Bituminous.....	1,108	.....	409	134	44	53	14	86	338	308	109	305	2,998
<i>Prince Edward Island—</i>													
Anthracite.....	1,032	326	636	297	51	807	850	1,271	484	595	419	485	7,253
Bituminous.....	53	.....	50	.....	.....	.....	.....	195	.....	.....	.....	.....	298
<i>New Brunswick—</i>													
Anthracite.....	7,371	4,501	3,819	3,802	4,720	5,087	7,574	9,927	8,887	5,079	4,165	4,156	69,088
Bituminous.....	461	654	782	318	57	77	970	1,988	2,012	3,172	3,095	4,026	18,212
<i>Quebec—</i>													
Anthracite.....	90,213	74,743	74,942	49,160	125,550	167,535	192,069	171,839	132,444	123,838	109,209	99,947	1,411,539
Bituminous.....	260,104	154,015	144,423	105,015	143,677	270,167	324,030	362,450	302,556	358,361	274,316	254,808	2,953,931
<i>Ontario—</i>													
Anthracite.....	259,240	232,170	249,199	195,216	287,080	287,837	318,475	341,453	278,957	258,580	254,592	280,145	3,251,944
Bituminous.....	692,520	504,992	654,437	450,807	654,599	987,400	1,220,526	1,327,739	1,218,699	1,207,058	1,077,301	708,744	10,765,123
<i>Manitoba—</i>													
Anthracite.....	871	849	413	96	209	665	1,821	2,331	1,894	3,136	5,239	3,772	21,296
Bituminous.....	3,407	5,476	6,874	4,250	4,629	3,399	3,490	3,502	3,625	5,962	8,711	7,710	61,012
<i>Saskatchewan—</i>													
Anthracite.....	21	10	.....	.....	.....	10	.....	.....	23	9	44	57	153
Bituminous.....	.....	14	106	146	238	86	209	284	136	25	63	29	1,356
<i>Alberta—</i>													
Anthracite.....	58	45	60	50	114	34	10	11	.....	94	102	.....	217
Bituminous.....	.....	.....	.....	.....	.....	.....	143	130	48	104	327	67	1,189
<i>British Columbia—</i>													
Anthracite.....	1,311	17	.....	.....	.....	.....	91	19	18	9	1,519	1	155
Bituminous.....	1,011	986	300	310	967	1,259	768	1,083	1,434	1,434	1,355	1,355	12,303
<i>Yukon—</i>													
Anthracite.....	.....	.....	.....	.....	2	1	2	.....	.....	.....	.....	.....	5
Bituminous.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Canada—</i>													
Anthracite.....	362,653	316,811	331,780	249,177	419,620	469,851	529,312	534,308	428,660	390,459	377,889	401,016	4,817,536
Bituminous.....	959,080	726,200	808,086	561,070	803,970	1,262,184	1,550,643	1,696,957	1,528,497	1,576,619	1,365,441	977,650	13,810,457

Table 17.—Annual Imports of Coal, "Entered for Consumption"*

Calendar year	Bituminous round and run of the mine (a)		Anthracite coal and anthracite dust (b)		Bituminous slack such as will pass through $\frac{3}{4}$ " screen (c)	
	Short tons	Value	Short tons	Value	Short tons	Value
		\$		\$		\$
1907.....	6,370,152	13,232,445	3,141,873	14,505,129	1,139,256	1,121,949
1908.....	6,025,574	12,516,748	3,160,110	14,478,536	1,111,811	1,355,677
1909.....	5,625,063	11,455,818	3,017,841	13,905,152	1,230,017	1,469,889
1910.....	5,966,466	11,919,341	3,266,235	14,735,062	1,365,281	1,795,598
1911.....	8,905,815	18,407,603	4,020,577	18,794,192	1,632,500	2,090,798
1912.....	8,491,840	16,816,727	4,184,017	20,080,388	1,919,953	2,550,922
1913.....	10,743,473	21,756,658	4,612,057	22,034,839	2,816,423	4,157,622
1914.....	7,776,415	14,954,321	4,435,010	21,241,924	2,509,632	3,605,253
1915.....	6,106,791	7,564,369	4,072,192	18,753,930	2,286,916	2,027,256
1916.....	9,504,552	12,308,679	4,570,815	22,216,363	3,505,236	3,744,624
1917.....	12,407,486	33,712,894	5,320,198	28,109,586	3,129,776	8,739,877
1918.....	13,656,360	37,291,057	4,785,160	26,007,858	3,237,067	8,351,639
1919.....	10,127,965	24,750,717	4,952,675	31,595,694	2,228,197	4,814,388
1920.....	11,548,475	50,808,026	4,892,313	39,773,351	2,312,754	10,451,021
1921.....	11,194,635	41,000,322	4,553,820	40,293,639	2,553,607	7,630,773

(a) Duty, 53 cents per ton. (b) Coal, anthracite and anthracite coal dust, duty free.
(c) Duty, 14 cents per ton.

*Compiled in the External Trade Branch, from Customs records

Distribution.—After the sources of the coal available for consumption in Canada are traced, either through production or importation figures, the distribution of that part handled by retail dealers is next followed. Such distribution by Provinces is shown in Table 18. Table 19 shows the stocks of coal in the hands of Dealers as at the 31st of December 1921. Yearly average retail prices of coal by the larger municipalities are shown in Table 20. Further statements showing the distribution of coal through retail dealers within each province (by the larger municipalities) are shown in the various provincial chapters. Retail prices of coal by months for such municipalities are on file in the Bureau, particulars of which can be obtained by those interested by application to the Dominion Statistician. Tables 18-20 and provincial tables showing distribution have been compiled in the Internal Trade Branch of the Bureau from monthly returns made by local dealers of coal.

Table 18.—Distribution of Coal through Retail Dealers by Provinces during the years April 1 to March 31, 1919-20 and 1920-21.

(Short tons)

(Compiled in Internal Trade Branch)

Province	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous Lignite and Others		1919-20	1920-21
			1919-20	1920-21	1919-20	1920-21		
Prince Edward Island.....	6,047	8,183	2,072	1,088	38,110	25,716	46,229	34,230
Nova Scotia.....	55,479	40,160	28,687	1,170	215,356	191,020	299,522	232,350
New Brunswick.....	61,377	51,974	17,162	2,221	175,736	156,770	234,325	210,965
Quebec.....	983,467	1,045,586	192,902	205,898	70,208	91,355	1,226,577	1,342,839
Ontario.....	2,126,462	1,717,951	634,233	1,170,340	40,612	75,502	2,801,307	2,963,790
Manitoba.....	187,897	109,553	51,447	18,289	151,620	247,321	390,964	375,163
Saskatchewan.....	102,298	43,360	68,679	5,233	616,131	581,547	787,108	633,149
Alberta.....	10,909	18,973	37,155	2,464	412,273	345,670	460,337	367,107
British Columbia.....	36,125	15,809	53,481	5,495	258,248	220,302	347,854	241,006
Total.....	3,550,061	3,051,561	1,085,818	1,412,198	1,978,344	1,938,203	6,614,223	6,401,205

Table 19.—Statement of Stocks of Coal in the hands of Wholesale and Retail Dealers, by Provinces, at December 31, 1921, as reported.

(Short tons)

(Compiled in Internal Trade Branch)

Provinces	Anthra-cite	United States Bitu-minous	Canadian Bitu-minous	Lignite	Other	Total
Ontario.....	292,148	358,225	1,460	741	390	652,973
Quebec.....	70,606	28,962	.....	.....	212	99,780
Nova Scotia.....	4,845	.....	4,891	.....	.....	9,736
New Brunswick.....	10,435	.....	10,813	.....	.....	21,248
Prince Edward Island.....	217	.....	1,553	.....	.....	1,770
Manitoba.....	10,552	2,017	7,879	20,164	1,488	42,100
Alberta.....	79,873	.....	2,635	23,809	362	106,679
Saskatchewan.....	4,924	390	1,844	51,530	4,228	12,916
British Columbia.....	65	48	12,031	505	24	12,673
Total.....	473,665	389,642	43,115	96,749	6,704	1,009,875

Table 20.—Yearly Average Retail prices of Coal in Canada by Principal Municipalities 1919 to 1921.

(Compiled in Internal Trade Branch from Dealers' Returns)

Cities	Anthracite			Bituminous		
	1919	1920	1921	1919	1920	1921
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Nova Scotia—</i>						
1. Sydney.....	.....	.....	.....	6 65	7 15	7 20
2. New Glasgow.....	7 75	11 55	.....	7 53	7 89	7 75
3. Amherst.....	15 00	24 25	20 75	8 62	11 89	11 75
4. Halifax.....	16 88	20 14	18 75	9 56	12 32	10 59
5. Truro.....	14 25	14 25	18 50	9 79	11 00	11 93
<i>Prince Edward Island—</i>						
6. Charlottetown.....	16 56	20 04	21 70	9 72	11 71	9 97
<i>New Brunswick—</i>						
7. Moncton.....	.....	22 00	18 75	9 31	10 76	11 99
8. St. John.....	16 00	19 65	18 60	11 86	13 29	12 61
9. Fredericton.....	14 25	18 23	18 70	10 42	12 00	12 72
10. Bathurst.....	16 00	17 92	20 46	.....	11 46	11 68
<i>Quebec—</i>						
11. Quebec.....	12 92	16 38	17 38	11 85	14 00	12 64
12. Three Rivers.....	12 41	16 67	18 55	10 27	13 67	13 10
13. Sherbrooke.....	12 38	15 93	16 75	10 63	14 08	15 67
14. Sorel.....	12 21	16 42	16 30	10 04	14 38	12 52
15. St. Hyacinthe.....	11 68	16 46	16 09	11 39	.....	11 95
16. St. Johns.....	11 25	15 33	18 00	8 78	9 83	12 00
17. Thetford Mines.....	13 70	15 35	19 67	.....	17 07	.....
18. Montreal.....	12 04	15 94	16 98	9 08	12 75	11 98
19. Hull.....	12 22	15 17	17 00	10 00	16 44	13 70
<i>Ontario—</i>						
20. Ottawa.....	12 21	15 13	16 98	9 31	15 87	12 78
21. Brockville.....	11 67	14 73	16 08	.....	.....	9 47
22. Kingston.....	11 92	14 85	16 50	9 83	11 79	10 93
23. Belleville.....	12 50	15 20	16 75	10 58	13 65	13 80
24. Peterborough.....	12 50	17 00	16 75	9 59	14 67	11 87
25. Orillia.....	12 88	17 01	16 85	9 25	12 92	12 03
26. Toronto.....	11 75	14 18	15 64	9 08	.....	10 20
27. Niagara Falls.....	11 18	14 00	15 51	8 48	11 13	10 10
28. St. Catharines.....	11 46	15 04	15 90	11 00	.....	11 29
29. Hamilton.....	11 48	15 95	15 93	12 18	13 08	9 92
30. Brantford.....	12 60	15 92	16 27	9 50	12 29	12 38

Table 20.—Yearly Average Retail prices of Coal in Canada by Principal Municipalities 1919 to 1921—*Con.*

(Compiled in Internal Trade Branch from Dealers' Returns)—*Con.*

Cities	Anthracite			Bituminous				
	1919		1920	1921	1919		1920	
	\$	cts.	\$	cts.	\$	cts.	\$	
<i>Ontario—Con.</i>								
31. Galt.....	12	27	16	80	16	30	12	27
32. Guelph.....	12	29	17	04	16	39	9	83
33. Kitchener.....	12	44	16	38	16	35	9	71
34. Woodstock.....	12	38	16	00	16	35	10	50
35. Stratford.....	12	04	16	33	16	79	12	17
36. London.....	12	52	16	83	16	93	10	88
37. St. Thomas.....	12	33	16	75	17	50	9	67
38. Chatham.....	12	97	16	88	18	09	9	88
39. Windsor.....	13	00	18	08	18	21	9	96
40. Owen Sound.....	12	44	16	25	17	21	9	23
41. Cobalt.....	14	38	19	29	23	67	12	00
42. Sault Ste. Marie.....	12	88	16	13	18	39	11	08
43. Port Arthur.....	13	73	17	25	18	84	12	09
44. Fort William.....	13	20	17	45	18	78	10	45
<i>Manitoba—</i>								
45. Winnipeg.....	15	60	19	70	21	32	12	35
46. Brandon.....	17	42	20	54	23	19	12	00
<i>Saskatchewan—</i>								
47. Regina.....	18	00	21	83	21	63	10	92
48. Prince Albert.....			22	77	24	44	9	67
49. Saskatoon.....	16	08	24	25	24	73	10	15
50. Moose Jaw.....	18	00	23	00	18	17	10	68
<i>Alberta—</i>								
51. Edmonton.....							6	33
52. Calgary.....					12	95	8	29
53. Lethbridge.....							6	56
<i>British Columbia—</i>								
54. Fernie.....							4	75
55. Nelson.....	13	00	15	33	16	25	11	11
56. Trail.....							11	20
57. New Westminster.....					16	31	15	25
58. Vancouver.....	12	50	17	80	17	93	10	91
59. Victoria.....	12	25					10	29
60. Nanaimo.....							7	33
61. Prince Rupert.....							13	23
							9	23
							15	06
							11	90

Employees, Salaries and Wages.—Statistics of employment offer a valuable reflection of the progress made in any industry. In the past three years this subject has been given special attention, with the result that the data given in this report for 1921 are more illuminating than the limited figures available for previous years. The average number of employees working in the coal mines of the country had been ascertained for a number of years back, but it is only for 1921 that the work done in coal mines as measured in terms of man-days' work performed has been made available. In table 21 the data given show the number of salaried employees on the colliery pay-rolls of each province for 1921. In addition to the number of employees in each class by provinces the salaries paid to the group have been shown.

The trend in employment throughout 1920 and 1921 may be observed by reference to Table 22 which shows for each coal producing province and for the Dominion the number of employees on the pay rolls for each month in the past two years. Further analysis embodying the data on days' work done, surface and underground, has been compiled in Table 23 which also shows the total

wages paid by months. In future years these data showing the actual number of days' work performed by colliery employees will prove most valuable for reference and comparison. Presently much of their value is lost owing to the fact that no comparable data exist for previous years. Nevertheless the information as given has a value which makes the table quite worth while. It is not without significance that the average number of days worked during the year by each colliery employee was 254 days for surface employees and 219 days for those working underground and that the average for all should be 228 days for the year. The average wage received by each employee on the colliery pay-rolls was \$6.20 per day.

Table 21.—Salaried Employees on Coal Mines Staffs for each Province and for Canada for year 1921.

		Nova Scotia	New Brunsw'k.	Sask.	Alberta	British Columbia & Yukon	Total for Canada
1 Salaried officers of the Corporation.....	No. Salary	28 \$ 126,080	2 \$ 7,000	3 \$ 11,800	26 \$ 93,250	10 \$ 65,216	69 \$ 303,346
2 General Superintendents and Managers.....	No. Salary	148 \$ 372,399	17 \$ 49,055	14 \$ 44,100	236 \$ 741,256	49 \$ 217,214	464 \$ 1,424,114
3 Technical Experts, Accountants, etc.....	No. Salary	111 \$ 244,755	6 \$ 11,880	8 \$ 12,821	152 \$ 363,656	76 \$ 207,219	353 \$ 840,331
4 Clerks, Stenographers and Salesmen.....	No. Salary	260 \$ 354,245	9 \$ 10,265	23 \$ 31,529	228 \$ 287,342	167 \$ 306,072	687 \$ 1,090,053
5 Other salaried employees	No. Salary	30 \$ 37,585	..... \$ .....\$	..... \$ 21,809	..... \$ .....\$	..... \$ .....\$	53 \$ 59,394
Totals.....	No. Salary	577 \$ 1,135,064	34 \$ 78,200	48 \$ 100,340	665 \$ 1,607,313	302 \$ 796,321	1,626 \$ 3,717,238

The above table includes:-

- (1) 47 female employees in item No. 4 and 8 female employees in item No. 5, making a total of 55 female employees in Nova Scotia.
- (2) 2 female employees in item No. 4, making a total of 2 female employees in New Brunswick.
- (3) 4 female employees in item No. 4 making a total of 4 female employees in Saskatchewan.
- (4) 1 female employee in item No. 1 and 41 female employees in item No. 4, making a total of 42 female employees in Alberta.
- (5) 1 female employee in item No. 1 and 28 female employees in item No. 4, making a total of 29 female employees in British Columbia.
- (6) 2 female employees in item No. 1 and 122 female employees in item No. 4, and 8 female employees in item No. 5, making a total of 132 female employees in the mines of Canada.

Table 22.—Number of Employees engaged in Coal Mining during years 1920, 1921 by months for each province and for the Dominion.

Months	Nova Scotia	New Brunswick.	Saskatchew-an	Alberta.	British Columbia	Total for Canada
January..... 1920	12,281	326	537	11,750	6,301	31,204
1921	13,147	412	530	12,014	6,730	32,833
February..... 1920	12,690	371	403	9,952	6,295	29,711
1921	12,788	410	484	11,362	6,669	31,713
March..... 1920	12,781	429	385	8,155	6,089	27,839
1921	13,223	356	436	9,251	6,488	29,754
April..... 1920	12,700	342	361	7,019	5,987	26,412
1921	12,000	354	392	8,384	6,517	27,647
May..... 1920	13,013	359	252	7,830	5,829	27,283
1921	11,850	409	368	7,069	6,426	26,122
June..... 1920	12,686	340	248	8,464	5,799	27,537
1921	12,391	411	313	7,711	6,413	27,269
July..... 1920	12,680	369	357	8,654	5,951	28,011
1921	12,743	470	309	8,639	6,612	28,773
August..... 1920	12,522	545	357	9,246	6,153	28,823
1921	12,654	491	305	9,907	6,701	30,058
September..... 1920	12,648	515	292	9,775	6,228	29,458
1921	12,928	473	357	10,473	6,861	31,092
October..... 1920	15,028	532	481	10,521	6,158	32,720
1921	12,891	487	481	11,402	7,030	32,291
November..... 1920	13,282	525	632	12,036	6,375	32,850
1921	12,923	573	621	12,067	6,995	33,179
December..... 1920	15,369	640	596	12,277	6,653	35,535
1921	11,968	539	590	11,945	6,894	31,936
Average..... 1920	13,140	441	409	9,641	6,152	29,782
1921	12,626	449	435	10,019	6,695	30,222

Table 23.—Number of Employees, Work Done and Wages Paid by Months in the Coal Mines of Canada in 1921.

Month	Number of Employees			Days' Work Done			Total Wages Paid
	Surface	Under-ground	Total	Surface	Under-ground	Total	
January.....	8,823	24,010	32,833	190,044	454,678	644,722	3,997,332
February.....	8,555	24,178	31,713	169,604	395,321	564,925	3,463,008
March.....	8,156	21,598	29,754	165,982	366,190	532,172	3,328,353
April.....	7,459	20,188	27,647	149,264	310,038	459,302	2,926,064
May.....	7,034	19,068	26,122	146,825	333,652	480,477	2,890,009
June.....	7,254	20,018	27,272	154,257	371,649	525,906	3,254,230
July.....	7,554	21,222	28,776	159,501	387,021	546,522	3,416,104
August.....	7,850	22,181	30,061	180,983	463,415	644,398	4,126,494
September.....	8,041	23,051	31,092	170,878	428,329	599,207	3,777,480
October.....	8,193	24,098	32,291	174,295	443,624	617,919	3,932,673
November.....	8,268	24,911	33,179	185,503	479,386	664,880	3,994,975
December.....	8,026	23,910	31,936	179,363	438,927	618,290	3,646,749
Total.....				2,026,409	4,872,230	6,898,729	42,758,471
Average.....	7,937	22,286	30,223	254 days per year	219 days per year	223 days per year	\$6.20 per day

Properties.—No complete description of the coal mining properties is available from present records. For the year 1921 certain information was asked for in the annual reports made to the Bureau and summary tables have been prepared, which show the principal details of the information received. Table 24 entitled "Ownership, area, etc., of Coal Mine Properties in Canada in 1921," shows for each province the area of lands held by coal mining interests together with the total length in feet of all underground workings. Table 25 shows in detail the number of units of each type of power equipment installed by the coal mines in each province. The manufacturers' rating of all such equipment is also shown together with a figure indicating the extent to which the equipment was used during the year. All the data given in Table 24 and 25 were compiled from reports received from mines operated during a part or the whole of the calendar year 1921.

Table 24.—Ownership, Area, etc., of Coal Mine Properties in Canada in 1921.

Provinces	Number of Coal Mines					Area of Mining properties	Total length of underground workings
	Operated by Joint Stock companies	Operated by partnerships	Operated by individual	Total No. of mines			
Nova Scotia (bituminous)	No. of mines	No. of Co's.				Acres	Feet
New Brunswick (bituminous)	53	17		6	59	210,827	142,955
Saskatchewan (lignite).....	10	6	1	3	20	13,619	16,400
Alberta, anthracite.....	5	5	6	38	49	9,493	45,888
" bituminous						8,000	11,500
" lignite						89,804	204,570
Total, Alberta.....	134	129	72	55	261	194,365	612,630
British Columbia (bituminous).....	12	10			12	284,578	828,700
Yukon (bituminous).....	1	1			1	552	399,388
Total for Canada.....	215	168	79	102	396	713,434	1,433,331

Table 25.—Power Employed in Coal Mines of Canada by Provinces for 1921.

	Nova Scotia			New Brunswick			Saskatchewan			Alberta			British Columbia			Total for Canada			
	No. of units	Total H.P. rated	Total H.P. used	No. of units	Total H.P. rated	Total H.P. used	No. of units	Total H.P. rated	Total H.P. used	No. of units	Total H.P. rated	Total H.P. used	No. of units	Total H.P. rated	Total H.P. used	No. of units	Total H.P. rated	Total H.P. used	
Boilers—																			
(a) Fired by hand.....	184	24,521	21,341	19	657	567	13	1,250	1,060	193	23,523	20,381	79	11,160	10,449	488	61,120	53,798	
(b) Fired mechanically.....	37	14,316	11,816							22	4,810	4,410	1	1,200	880	60	20,326	17,106	
Stationary Engines (including engines used for hoisting, pumping, etc.)—																			
(a) Steam.....	294	56,480	37,587	18	558	533	20	780	580	253	28,019	20,381	83	14,850	11,099	670	100,697	70,180	
(b) Steam turbines.....	12	28,750	21,500							6	2,952	2,766				18	31,702	24,266	
(c) Gas.....				1	3		1	15	17	30	333	290				31	348	303	
(d) Oil.....										19	1,040	1,030				20	1,943	1,943	
Hydraulic Turbines or Water Wheels.....																2	12,000	12,000	
Electric Motors—																2	12,000	12,000	
(a) Alternating.....	242	18,172	11,164	7	185	185				265	9,001	8,632	86	2,476	2,159	600	30,734	22,110	
(b) Direct current.....	4	115	115				21	299	290	92	2,413	1,958	29	762	532	153	3,501	2,904	
Locomotives—																			
(a) Steam.....	11						1			15			9			37			
(b) Electric.....	4	50	50	1			2	60	60	14	360	290	16	450	450	36	920	855	
(c) Compressed air.....										42	2,096	2,096				42	2,096	2,096	
Generators or Dynamos—																			
(a) Alternating current.....	19	27,020	15,041	1	240	240				39	8,125	5,550	14	9,355	4,145	73	44,740	24,980	
(b) Direct current.....	7	165	165				7	911	911	31	30,574	0,148	13	818	658	61	32,497	7,911	
	Number of units	Capacity cu. ft. per min. free air	Number of units	Capacity cu. ft. per min. free air	Number of units	Capacity cu. ft. per min. free air	Number of units	Capacity cu. ft. per min. free air	Number of units	Capacity cu. ft. per min. free air	Number of units	Capacity cu. ft. per min. free air	Number of units	Capacity cu. ft. per min. free air	Number of units	Capacity cu. ft. per min. free air	Number of units	Capacity cu. ft. per min. free air	
Air Compressors.....	30	981,600					1	450		55	107,028		20	33,624		115	1,122,702		
	Steam	Compressed air	Electricity	Internal combustion	Steam	Compressed air	Electricity	Internal combustion	Steam	Compressed air	Electricity	Internal combustion	Steam	Compressed air	Electricity	Internal combustion	Steam	Compressed air	
	4	23	1						6	27	2		2	41			12	91	3
Power Shovels.....	1								7	155	30	1	7	155			7	155	2
Power Drills.....																			
Other Power.....																			

Financial Statistics.—To satisfy a demand for information regarding the capital employed in the coal mining industry and to permit of comparisons being made without similar statistics for the other basic industries, operators of producing mines were asked to itemize as for the year ending December, 1921, the amounts of capital employed in the operation of their coal mines. The data obtained were tabulated and are presented in Table 26, separation being made to show the amount of capital employed in the operation of the coal mines of the several producing provinces.

While the data in Table 26 show the total capital employed or invested in the coal mines in Canada, a second compilation has been made which has reference only to the ownership of the stock issued by joint stock companies operating coal mines in Canada during the past year. The table shows the several types of securities represented together with the par value of the issued shares held by residents of Canada, Great Britain, United States and other countries, as indicating the place of residence of the investors. Table 27 gives this information by provinces.

One item of the financial statistics asked for in the 1921 survey was the general miscellaneous expenses incurred in operating the coal mines and the data obtained have been collected in Table 28 which shows for each province the cost to the operating companies of several items such as purchased power, royalties, taxes, etc.

Table 26.—Total Capital Employed in the Coal Mines of Canada, as of December 15, 1921.

	Nova Scotia	New Brunsw'k.	Saskat- chewan	Alberta	British Columbia	Yukon	Canada
Value of lands, buildings, plant, machinery, and tools	\$ 64,689,588	\$ 1,116,769	\$ 3,167,125	\$ 46,720,095	\$ 38,138,653	\$ 202,500	\$ 154,034,730
Cost of all material on hand, supplies, finished products, and ore on dump.....	6,775,185	39,971	28,470	1,524,904	859,327	1,696	9,220,562
Cash, trading and operating accounts and bills receiv- able.....	5,610,482	208,056	181,008	5,402,497	2,325,160	.....	13,727,203
Total Capital Employed	77,075,255	1,364,796	3,376,612	53,647,496	41,323,140	204,196	176,991,495

Table 27.—Distribution of Ownership of Securities Issued by Joint Stock Companies operating Coal Mines in Canada during 1921.

Place of Incorporation and Type of Security	Held by Residents of				Total Par Value of Issued Securities
	Canada	Great Britain	United States	Other Countries	
<i>Nova Scotia—</i>					
Stocks.....	40,522,700	576,700	878,500	323,200	42,301,100
Bonds.....	738,000			1,603,500	2,341,500
Other securities.....	4,067,440	568,103	235,282	172,070	4,982,895
Total.....	45,328,140	1,084,803	1,113,782	2,098,770	49,625,495
<i>New Brunswick—</i>					
Stocks.....	727,450	550	700,000		1,428,000
Bonds.....	60,000				60,000
Other securities.....					
Total.....	787,450	550	700,000		1,488,000
<i>Saskatchewan—</i>					
Stocks.....	2,155,741	170,459			2,320,200
Bonds.....		612,840			612,840
Other securities.....					
Total.....	2,155,741	783,299			2,939,040
<i>Alberta—</i>					
Stocks.....	27,521,854	1,084,927	6,115,176	5,377,755	40,000,712
Bonds.....	2,236,230	1,373,649	244,967		3,854,846
Other securities.....	98,040	556,460			634,500
Total.....	29,856,121	3,615,036	6,360,143	5,377,755	45,209,013
<i>British Columbia—</i>					
Stocks.....	5,198,082	5,230,959	14,268,283	55,820	24,753,174
Bonds.....	3,348,393	8,006,141	2,970,500	124,293	14,449,327
Other securities.....					
Total.....	8,546,475	13,237,130	17,238,783	180,113	39,202,501
<i>Yukon—</i>					
Stocks.....	54,000	1,123	392,236		447,379
Bonds.....			73,000		75,000
Other securities.....					
Total.....	54,000	1,123	467,236		522,379
<i>Canada—</i>					
Stocks.....	76,179,827	7,664,748	22,354,215	5,756,775	111,955,565
Bonds.....	6,382,623	9,992,630	3,290,467	1,727,793	21,591,513
Other securities.....	4,165,480	1,064,563	235,282	172,070	5,637,395
Total.....	86,727,930	18,721,941	25,879,964	7,656,638	138,986,473

Table 28.—Miscellaneous Coal Mine operating expenses by Provinces, 1921.

Province	Cost of purchased power for mine use	Cost of all materials and supplies used in or about the colliery	Taxes Paid				All other sundry expenses	Total miscellaneous expenses
			Royalties paid	Municipal	Provincial	Federal		
Nova Scotia.....	\$ 1,757,304	\$ 2,976,801	\$ 554,632	\$ 180,048	\$ 57,949	\$ 35,599	\$ 2,962,028	\$ 8,554,361
New Brunswick.....	24,143	102,412	18,706	3,570	3,323	5,400	38,955	196,005
Saskatchewan.....	1,684	53,976	10,847	7,555	389	2,903	32,826	110,180
Alberta.....	73,335	3,131,099	473,359	100,571	106,652	148,802	1,743,569	5,838,427
British Columbia.....		2,729,506	202,918	12,740	61,895	61,458	453,305	3,521,852
Yukon.....			138					138
Total for Canada.....	1,856,466	8,993,794	1,290,730	304,490	290,208	255,192	5,230,683	18,221,563

In the foregoing sections all the data relating to the operation of coal mines in Canada as a whole have been reviewed in some detail. In the pages which follow, each province beginning with Nova Scotia and working westwards has been treated separately and the statistics given show in more detail than in the preceding sections the items of interest in connection with the output, exports, imports and consumption of coal within the province. The same plan of developing the review has been followed for each province so as to permit convenience in comparing the statistics given for one province with those shown for another.

CHAPTER TWO.

NOVA SCOTIA.

Output and Distribution.—Producing on the average of from six to eight million tons of bituminous coal annually, the province of Nova Scotia has been able to ship to other Canadian provinces about 1,500,000 tons each year and to export for foreign trade a similar amount. Very little coal is imported into the province from the United States, the average amount being in the neighborhood of 60,000 tons, most of which is anthracite. The annual consumption of coal in Nova Scotia is under four million tons.

The output of the principal collieries during each month of the past three years has been tabulated and the data age given in Table 29. A further compilation showing the output by months for each of the past three years from each of the four districts, namely, Cape Breton, Cumberland, Inverness and Pictou has been made (See Table 30). It will be observed that by far the greater part of the provincial output of coal is produced from the mines of Cape Breton County.

Table 31 presents a historical summary of the output of coal from Nova Scotia mines. Quantities and values from 1785 to date are shown.

Complete data regarding the shipments of coal and of the destination of shipments made during 1919 were not available, and consequently these two tables have been omitted from the present report. An analysis of the shipments by grades of coal was only possible for the year 1921, and these data have been collected in Table 32. The disposition of the output each month furnishes a guide to the coal situation from the operators' viewpoint, and in Table 33 an analysis of the disposition of coal for each month during the past two years has been made. From this table which shows the actual quantities disposed of each month, it is possible to determine what proportion of the output was sold and what quantities were used by the operators, by the companies' railroads, by the companies' employees and also what proportion was lifted from bank. While data regarding the shipments of the several grades of coal were not available for the years previous to 1921, it has been possible to prepare a table showing the total shipments of all grades of coal from the mines of Nova Scotia by months and by destinations for the past two years. (See Table 34.)

Table 29.—Output by Principal Collieries (Average of 500 tons or more per month) in Nova Scotia by months for years 1919, 1920, 1921.

(Short Tons)

Collieries	January	February	March	April	May	June	July	August	September	October	November	December	Total
Acadia Coal Co.....	1919 53,234	39,466	27,720	38,867	24,226	20,912	41,233	35,257	32,255	46,000	42,242	45,700	456,205
	1920 55,096	43,982	43,099	52,668	43,288	42,281	44,856	42,032	54,855	44,794	52,580	66,439	585,970
	1921 61,679	52,427	47,430	18,428	10,722	31,772	32,818	30,920	23,619	26,364	31,120	29,833	397,132
Bras d'Or Coal Co.....	1919 7,762	2,361	5,050	3,190	2,291	1,437	2,205	1,893	3,324	4,352	5,283	6,193	46,280
	1920 6,951	5,857	9,327	10,064	9,594	11,665	13,318	10,942	10,860	12,479	12,168	13,031	126,362
	1921 8,509	7,538	1,205	3,725	5,579	5,249	3,888	10,110	11,548	6,758	10,460	9,938	84,510
Coastal Coal Co., Ltd.....	1919							657	1,880	1,207	1,586	227	5,557
	1920							785	250	262	270	783	8,471
	1921	710			283	1,991	1,804	1,333					
Dominion Coal Co.....	1919 346,783	325,320	340,887	326,772	313,538	282,779	306,831	313,895	313,606	354,133	319,339	345,763	3,919,289
	1920 349,887	317,251	369,300	335,492	318,151	354,349	335,400	323,302	337,538	346,465	378,131	366,768	4,132,154
	1921 331,959	302,570	261,415	233,907	341,887	359,346	340,609	386,214	337,052	320,890	324,105	322,535	3,871,498
Emerson Coal Co., Ltd.....	1919 1,620	1,551		184		191	343	930	795	914	875	1,025	8,428
	1920 1,139	963	1,625	1,356	1,191	1,124	1,135	1,413	1,224	1,288	1,260	1,887	15,705
	1921 1,921	2,468	909	343	2,099	2,456	1,400	804	456	1,383	2,154	1,344	17,737
Athol Coal Co.....	1919												
In 1919 Export Coal Co.....	1920 1,463	287	1,898	582	389	1,585	2,338	1,955	2,162	2,505	2,460	1,897	19,521
	1921 1,349	2,045											3,394
Hiawatha Coal Co., Ltd.....	1919												
	1920												
	1921	379											
Indian Cove Coal Co.....	1919 1,478	955	989	1,397	1,084	1,502	1,575	1,024	3,310	4,156	3,139	3,522	25,031
	1920 4,584	4,181	4,586	3,433	4,104	4,594	4,489	4,647	4,770	5,610	5,772	6,614	57,334
	1921 5,352	2,154	6,249	2,823	2,038	3,402	2,819	2,624	3,364	3,638	4,215	4,569	44,147
Greenwood Coal Co.....	1919 4,309	5,044	5,705	2,575	82	2,122	3,529	4,128	5,212	4,576	4,382	4,826	46,400
	1920 5,588	5,118	5,381	5,150	4,913	5,205	4,777	5,225	4,575	5,202	5,355	4,921	61,410
	1921 5,410	4,725	1,438	158	257	2,876	3,828	4,401	5,336	5,081	5,668	4,631	43,919
Intercolonial Coal Mg. Co., Ltd.....	1919 17,321	15,656	16,725	17,652	17,540	14,747	16,288	17,201	16,419	10,729	10,996	18,315	207,649
	1920 19,144	18,183	12,077	15,318	13,226	13,671	13,250	15,646	15,028	14,586	14,478	15,400	180,613
	1921 16,646	16,098	19,968	13,603	14,089	14,976	11,932	9,041	11,076	12,963	13,288	14,872	168,552

Table 29.—Output by Principal Collieries (Average of 500 tons or more per month) in Nova Scotia by months for years 1919, 1920, 1921—Con.

Collieries		January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Total
Inverness Ry. and Collieries Ltd.	1919	17,417	13,691	12,544	12,652	11,024	10,403	10,561	8,645	8,442	15,697	17,119	21,546	159,741
	1920	15,666	16,778	18,145	15,939	13,104	18,529	19,439	17,975	16,930	18,533	18,362	10,062	205,542
	1921	10,334	4,233	12,022	14,107	16,313	13,796	10,860	12,393	15,495	20,544	20,939	16,484	167,520
Minudie Coal Co., Ltd.	1919	2,786	2,580	2,510	1,362	1,225	2,258	1,798	3,588	4,643	5,572	5,677	5,244	39,243
	1920	5,282	4,024	4,141	4,261	3,406	4,034	4,250	4,296	4,030	4,045	4,618	3,688	50,135
	1921	3,551	3,259	3,512	3,796	1,908	1,228	1,624	2,878	2,755	3,588	4,472	4,329	36,900
Maritime Coal, Ry. and Power Co., Ltd.	1919	16,700	13,521	12,972	15,773	17,311	17,385	12,797	16,985	14,437	15,480	14,185	14,969	182,515
	1920	16,407	14,557	16,695	15,632	15,520	16,435	14,682	14,106	13,328	13,075	14,418	15,700	180,558
	1921	16,739	16,736	18,515	11,491	12,845	10,418	8,546	9,541	7,617	14,502	14,097	14,576	155,713
Milford Mining Co.	1919	1,975	2,262	1,723	1,731	1,455	1,843	1,890	2,052	2,122	1,991	1,078	1,554	22,276
	1920													5,652
	1921	Acadian Coal Co. has taken over this mine						1,805	2,313	1,534				
New Jubilee Coal Co.	1919													
	1920													
	1921													
Neva Scotia Steel and Coal Co.	1919	46,725	28,508	40,706	52,082	57,732	50,240	45,978	57,515	59,865	64,371	64,288	57,162	625,232
	1920	58,525	54,745	62,924	57,542	56,306	63,064	57,649	53,584	57,044	56,896	62,366	69,857	711,162
	1921	59,940	52,417	46,262	38,884	48,304	68,656	63,007	61,332	60,637	60,651	58,080	50,828	675,058
Prendegast, Denis.	1919	898	1,147	1,185	2,212	2,063	2,986	2,706	3,229	4,014	4,741	4,560	4,965	34,706
	1920	5,222	4,778	6,021	4,137	4,703	5,838	5,979	5,612	3,635	5,738	5,830	4,229	61,722
	1921	1,935	1,426	2,605	2,541	1,088	2,375	645	347	860	965	1,166	1,764	17,807
Sterling Coal Co.	1919	1,449	1,717	1,606	892	265	114							937
	1920	1,950	1,392	2,194	2,153	1,510	1,950	1,975	2,309	1,940	1,869	2,555	2,246	6,980
	1921	1,822	1,477	1,630	1,653	1,109	802	1,151	1,785	1,733	1,779	1,803	1,515	24,133
Provincial Mining Co. (Twin Seam Coal Co.)	1919	877	472	243	192	634	759	680	670	677	876	623		6,708
	1920													
	1921	64	464	104			67	130	371	154	104	768	564	1,500
Fundy Mining Co.	1919													
	1920													
	1921													
							1,117	1,023	1,303	1,508	1,668	1,583	1,342	9,544

All Other Operators.....	1919	475	596	368	172	46	466	379	129	284	339	101	68	3,423
	1920	164	115	.....	37	359	437	682	582	785	1,224	867	648	5,001
	1921	1,314	1,182	462	482	556	890	1,025	1,240	1,051	1,004	440	443	10,098
Total for Nova Scotia.....	1919	521,800	454,847	471,932	477,705	450,516	419,144	448,346	468,101	499,498	543,017	503,402	531,789	5,790,196
	1920	547,068	492,261	557,476	523,764	489,944	544,761	526,084	506,687	533,478	537,840	585,812	591,981	6,437,156
	1921	529,413	471,219	423,896	346,227	461,745	521,230	486,638	536,188	485,205	491,989	494,692	486,486	5,734,928

Table 30.—Output of Coal by months and by Districts in Nova Scotia, for 1919, 1920 and 1921.

(Short Tons)

District	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Total	
Cape Breton County.....	1919	365,125	326,245	353,561	347,587	335,193	304,646	321,213	338,302	371,167	386,313	354,155	370,246	4,173,753
	1920	378,203	343,081	404,420	363,529	356,283	395,745	376,865	361,854	370,626	381,727	414,726	410,297	4,557,356
	1921	362,447	316,382	273,241	242,080	304,572	410,013	388,414	435,387	381,613	366,979	349,603	353,441	4,244,172
Cumberland County.....	1919	61,433	51,117	52,703	54,337	58,887	52,270	50,691	59,227	59,804	63,860	59,250	64,519	688,167
	1920	67,985	60,226	68,333	60,086	54,195	63,264	58,829	55,943	65,626	67,098	74,354	74,580	777,422
	1921	70,886	75,767	67,037	55,240	54,600	45,138	37,901	43,316	47,126	59,093	72,908	65,386	694,398
Inverness County.....	1919	18,412	15,057	13,795	14,950	13,133	13,604	13,502	11,874	12,456	20,458	21,780	26,620	195,656
	1920	21,052	21,671	24,166	20,113	18,036	24,595	25,702	23,674	20,634	24,433	24,319	20,338	268,733
	1921	12,345	5,820	14,762	16,718	17,505	16,455	11,745	13,033	16,435	21,509	22,105	18,323	186,755
Pictou County.....	1919	76,839	62,428	51,873	60,825	43,303	48,024	62,910	58,698	56,011	72,386	68,295	70,395	732,620
	1920	79,828	67,283	60,557	73,136	61,427	61,157	64,685	65,216	76,592	64,582	72,413	86,760	833,645
	1921	83,735	73,250	68,856	32,189	25,068	49,624	48,578	44,452	40,031	44,408	50,076	49,336	600,003
Total.....	1919	521,800	454,847	471,932	477,705	450,516	419,144	448,346	468,101	499,498	543,017	503,402	531,789	5,790,196
	1920	547,068	492,261	557,476	523,764	489,944	544,761	526,084	506,687	533,478	537,840	585,812	591,981	6,437,156
	1921	529,413	471,219	423,896	346,227	461,745	521,230	486,638	536,188	485,205	491,989	494,692	486,486	5,734,928

Table 31.—Output of Coal in Nova Scotia.

(Short tons)

Calendar Year	Output	Value of production*	Calendar Year	Output	Value of production*
1785 to 1873.....		\$	1898.....	2,584,175	4,004,970
1874.....	977,446	1,520,240	1899.....	3,209,296	5,622,898
1875.....	874,905	1,454,034	1900.....	3,694,646	8,088,250
1876.....	794,804	1,308,991	1901.....	4,279,557	6,496,932
1877.....	848,396	1,375,339	1902.....	5,292,538	9,216,636
1878.....	863,075	1,368,741	1903.....	5,841,429	10,094,246
1879.....	882,863	1,353,469	1904.....	5,747,823	9,993,288
1880.....	1,156,635	1,810,108	1905.....	5,821,622	10,083,184
1881.....	1,259,183	2,000,079	1906.....	6,546,194	11,108,044
1882.....	1,529,708	2,382,730	1907.....	6,468,563	12,764,999
1883.....	1,503,259	2,466,576	1908.....	6,805,489	13,364,476
1884.....	1,556,011	2,412,233	1909.....	5,718,871	11,354,643
1885.....	1,514,470	2,418,735	1910.....	6,515,162	12,919,705
1886.....	1,682,924	2,653,152	1911.....	7,125,551	14,071,379
1887.....	1,871,330	2,904,057	1912.....	7,834,724	17,374,750
1888.....	1,989,263	3,034,735	1913.....	8,135,104	17,812,663
1889.....	1,967,032	2,998,167	1914.....	7,448,042	16,452,955
1890.....	2,222,081	3,407,864	1915.....	7,513,739	16,650,308
1891.....	2,290,158	3,543,624	1916.....	6,911,995	18,514,667
1892.....	2,175,913	3,374,046	1917.....	6,345,335	19,410,737
1893.....	2,489,807	3,820,194	1918.....	5,836,370	21,095,470
1894.....	2,520,707	3,949,970	1919.....	5,790,196	22,350,157
1895.....	2,239,727	3,476,790	1920.....	6,437,156	32,314,523
1896.....	2,537,706	3,919,655	1921.....	5,734,928	27,782,050
1897.....	2,020,835	3,896,179	Total.....	183,406,740	424,415,598

*NOTE: The values given for the production from 1785 to 1918, represent sales values of coal sold or used. For the last three years, values of the entire mine output were obtained.

Table 32.—Shipments of Coal from Nova Scotia Mines by Grades and by Destinations, 1921.

(Short tons)

Destination	Run of mine	Screened	Slack	Totals
Coal supplied for bunkers.....	344,810	2,322	.....	347,132
Coal supplied to railroads.....	955,304	94,715	9,483	1,059,502
Nova Scotia by land including land sales at collieries.....	689,222	407,078	251,590	1,347,890
Nova Scotia by sea.....	131,433	51,623	8,346	191,452
New Brunswick.....	381,318	108,956	9,333	499,637
Newfoundland.....	103,081	100,599	3,843	207,523
Prince Edward Island.....	20,198	51,417	469	72,084
Quebec.....	809,038	22,350	56,313	887,701
Ontario.....	905	.....	.....	905
West Indies.....	.....	.....	6,217	6,217
United States.....	365,962	6,104	.....	372,066
Europe.....	4,433	9,039	.....	13,522
Other countries.....	384	.....	.....	384
Total.....	3,806,218	854,203	345,594	5,006,015

Table 33.—Disposition of the Coal Output from the Mines of Nova Scotia by months, 1920 and 1921.
(Short Tons)

	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total
Coal shipped (see Table 34)....	1920	456,255	306,375	465,450	452,453	326,483	519,217	474,879	464,050	478,331	477,171	456,604	5,688,803
	1921	417,859	312,002	271,655	285,682	467,107	315,473	539,303	527,438	432,072	440,069	422,997	373,458 5,006,015
Used under colliery boilers....	1920	45,032	40,143	43,644	40,087	30,937	29,940	36,871	39,700	37,295	39,771	43,713	42,407 469,630
	1921	46,888	42,353	43,198	37,318	37,803	38,067	35,665	34,904	35,225	36,263	38,008	39,339 465,181
Used in shops, etc.....	1920	1,252	914	620	652	7,647	10,357	2,996	1,007	3,403	956	1,204	1,032 32,040
	1921	1,864	1,701	994	834	816	602	1,244	1,843	1,638	1,253	1,779	1,660 16,228
Used by company's railroads....	1920	6,038	5,517	5,944	5,021	4,547	4,914	4,737	4,800	4,004	4,621	4,957	4,545 59,645
	1921	4,663	4,502	3,801	3,657	4,196	3,926	3,671	4,017	3,813	4,297	4,357	4,360 49,290
Used by harbour tugs and dred- ges.....	1920	124	75	56	47	37	29	.....	103	76	111	132	105 895
	1921	642	18	393	.....	35	35	420	69	17	.....	17	17 1,663
Supplied to employees for do- mestic consumption.....	1920	21,086	16,930	15,023	12,205	8,667	7,243	6,480	6,387	11,105	15,222	15,406	23,082 158,836
	1921	19,091	18,062	14,932	9,817	7,664	7,020	6,123	7,709	9,587	12,249	17,682	18,934 148,876
Put on bank.....	1920	30,774	34,109	41,687	17,368	3,351	4,817	7,026	3,335	5,935	4,617	35,710	32,038 226,887
	1921	41,558	100,300	91,504	7,570	4,704	2,611	5,532	449	10,227	1,252	9,399	46,257 321,462
Put on waste heap.....	1920	2,272	2,834	2,458	1,887	2,447	2,448	2,837	2,768	2,132	2,540	2,507	2,162 29,292
	1921	2,560	2,013	2,835	7,524	1,649	2,711	1,605	1,769	1,345	5,915	5,375	5,155 40,486
Total disposition.....	1920	568,836	496,987	574,882	520,720	584,116	578,995	535,826	522,180	542,281	545,009	500,233	590,963 6,666,028
	1921	535,125	480,951	420,312	352,411	524,124	570,451	593,563	578,198	494,824	501,328	499,734	489,180 6,049,201
Lifted from bank.....	1920	21,768	4,726	17,406	5,636	94,172	34,234	9,742	15,493	8,803	7,169	4,421	4,982 228,872
	1921	5,712	8,732	5,416	6,184	62,379	49,221	106,925	42,010	9,610	9,339	5,042	2,694 314,273
Total Output.....	1920	547,068	492,261	557,476	523,764	489,944	544,761	526,084	506,687	533,478	537,840	585,812	591,981 6,437,156
	1921	529,413	471,219	423,806	346,227	461,745	521,230	486,688	536,188	485,205	491,080	494,602	486,456 5,734,928

Table 34.—Shipments of Coal from Nova Scotia Mines by Months and Destinations for 1920 and 1921.
(Short Tons)

	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total
Coal supplied for bunkers... 1920	38,353	15,773	22,453	21,918	45,547	53,571	58,244	55,922	51,433	52,278	54,833	33,388	503,713
1921	15,159	6,065	4,072	9,373	44,832	60,789	57,128	49,092	30,885	31,504	28,588	9,045	347,132
Coal supplied for railroads... 1920*													
1921	127,036	105,526	102,910	44,477	87,000	123,119	116,349	100,920	82,626	47,003	58,985	62,951	1,059,502
Nova Scotia by land.....	238,474	214,945	220,239	230,424	206,127	195,134	184,003	190,339	225,518	222,970	197,095	203,274	2,528,641
1921	123,095	106,864	100,790	87,708	70,520	81,451	92,409	111,352	127,583	126,945	143,927	175,246	1,347,890
Nova Scotia by sea.....	28,869	14,035	17,531	21,875	23,775	21,828	25,199	21,849	24,151	31,546	33,403	34,478	298,629
1921	22,067	11,795	9,749	15,262	10,043	8,511	15,866	12,864	16,736	21,400	10,536	35,723	191,452
New Brunswick.....	91,727	99,617	113,108	84,925	73,449	68,487	61,467	59,895	72,115	84,998	81,069	152,914	1,045,771
1921	81,215	57,925	46,226	57,229	21,316	26,659	23,083	34,300	24,996	29,556	47,750	49,332	499,637
Newfoundland.....	21,701	3,330	7,291	6,260	32,808	26,354	18,101	43,767	59,010	43,369	65,267	25,763	352,821
1921	11,052	401	2,671	1,458	12,808	19,808	20,994	24,761	29,182	21,104	27,237	36,047	207,523
Prince Edward Island	3,626	3,111	1,200	3,445	7,366	15,430	13,123	15,797	12,006	9,470	29,048	6,448	120,670
1921	2,829	1,562	2,104	5,131	7,763	9,333	8,790	8,304	7,923	9,355	6,584	2,316	72,084
Quebec.....	5,403	4,691	7,384	16,202	34,413	34,184	28,800	34,013	30,392	29,918	14,173	3,907	243,480
1921	4,960	2,756	3,043	65,044	133,292	60,721	75,389	181,866	110,299	151,234	98,134	963	887,701
Ontario.....	1920			422				358			10,401		11,181
1921													
West Indies.....		2,817										2,817	
1921		905										905	
United States.....	1920	2,609	2,333	1,163	9,311	1,931	745	2,385	5,785	1,773	885	128	3,353
1921							1,262	2,532	1,299				32,401
Europe.....	1920	25,381	24,756	48,304	57,449	91,777	88,325	82,253	28,376				6,217
1921		23,693	18,508			77,712	124,561	127,486					27,633
Other countries.....	1920	115	10,967	24,062	644	9,490	15,159	1,214	7,979	1,333	1,728	1,097	344
1921		4,946				1,221	521	163	1,447	1,443	1,864	1,256	74,132
Lost at sea.....	1920			293				384					293
1921													384
Total.....	1920	456,258	396,375	465,450	452,453	526,483	519,217	474,879	464,080	478,331	477,171	480,001	491,502
	1921	417,859	312,002	271,655	285,682	467,107	515,473	539,303	527,438	432,972	440,069	422,997	373,458
* Not separately shown.													

Table 35.—Number of Employees in the Coal Mines of Nova Scotia by Classes for each month in 1920 and for the year.

Classification	January	February	March	April	May	June	July	August	September	October	November	December	Average
Administration and supervision													
Surface	86	113	112	107	110	108	103	102	102	133	105	121	106
Underground	406	406	410	418	409	409	402	405	428	400	413	482	424
Clerical assistance.....	207	194	182	180	185	187	148	148	148	183	156	177	174
Surface	2	3	5	5	6	6	5	10	5	5	5	4	5
Miners and helpers cutting coal													
Surface	4,176	4,115	4,105	4,030	3,943	4,064	4,013	3,840	4,008	4,532	4,192	4,746	4,149
Underground											1	4	
Loaders.....	273	275	269	271	278	257	248	252	251	246	252	258	260
Surface													
Underground	328	430	397	408	387	369	374	402	367	576	453	602	429
Haulage.....	88	118	83	76	87	139	148	142	156	181	161	181	130
Surface													
Underground	2,000	1,961	1,985	1,970	1,038	1,718	1,711	1,960	2,035	2,431	2,005	2,580	2,033
Mechanics and skilled labour													
Surface	531	550	548	568	774	545	558	582	571	624	676	757	607
Underground	631	650	620	615	593	501	537	660	690	897	772	1,005	682
Employed at machine shops													
Surface	47	44	45	46	9	7	47	47	42	47	43	43	38
Employed on railway....	202	274	268	266	337	375	337	316	335	395	318	307	311
Employed at shipping pier	59	41	31	68	120	115	101	105	86	132	77	131	89
Other employees.....	1,283	1,470	1,444	1,435	1,589	1,427	1,469	1,503	1,465	1,847	1,520	1,763	1,520
Surface													
Underground	1,062	2,037	2,278	2,177	2,248	2,450	2,440	2,040	1,059	2,309	2,043	2,208	2,180
All employees.....	2,776	3,088	2,981	3,017	3,480	3,160	3,150	3,199	3,150	3,788	3,300	3,742	3,238
Surface													
Underground	9,505	9,602	9,800	9,683	9,524	9,526	9,521	9,323	9,492	11,240	9,973	11,627	9,902
Total.....	12,281	12,690	12,781	12,700	13,013	12,686	12,680	12,522	12,648	15,028	13,282	15,369	13,140

Table 36.—Number of Employees in the Coal Mines of Nova Scotia by Classes for each month in 1921 and for the year.

Classification	January	February	March	April	May	June	July	August	September	October	November	December	Average
Administration.....Surface	87	89	81	82	83	87	85	86	84	82	84	78	84
.....Underground	88	20	18	17	15	18	19	18	18	19	18	19	24
Foremen and clerks.....Surface	199	209	220	176	176	170	175	172	170	170	177	183	183
.....Underground	3	3	2	4	2	3	2	2	3	2	3	2	2
Screenmen and loaders.....Surface	518	549	591	531	529	559	528	527	543	545	556	522	542
.....Underground	255												
Officials.....Surface	37	1	1	1									22
.....Underground	374	428	467	405	384	390	380	406	394	382	405	360	398
Handcutters and helpers.....Surface	3												
.....Underground	2,727	2,337	2,477	2,379	2,282	2,477	2,429	2,226	2,287	2,434	2,159	2,084	2,362
Machine cutters.....Surface	36												3
.....Underground	744	972	1,087	880	897	882	1,070	1,196	1,271	1,227	1,424	1,155	1,068
Machine loaders and helpers.....Surface	46	9											
.....Underground	1,191	1,199	1,192	1,196	1,178	1,246	1,245	1,180	1,211	1,231	1,220	1,308	1,217
Horse haulage employees.....Surface	1			2	2	1	2	2	1				1
.....Underground	766	826	813	747	746	766	777	782	830	828	832	768	790
Mechanical haulage employees.....Surface	13	16	11	7	6	4	6	8	6	8	8	6	9
.....Underground	1,191	1,319	1,466	1,288	1,309	1,341	1,373	1,392	1,352	1,420	1,401	1,141	1,333
Ventilation employees.....Surface	11	11	11	10	8	7	10	11	11	11	10	10	10
.....Underground	329	339	323	334	327	321	327	290	330	370	344	347	333
Road-makers.....Surface													
.....Underground	232	207	252	250	244	246	247	252	259	270	266	203	250
Timbermen.....Surface													
.....Underground	585	600	636	503	520	619	648	675	648	637	673	593	612
Pumpmen.....Surface	1	1	1	1	1	1	3	3	3	3	7	3	2
.....Underground	155	190	216	194	190	197	199	187	190	166	167	104	184
Enginemen.....Surface	276	271	289	238	250	250	252	250	258	246	243	222	253
.....Underground	31	2	2	2	4	2	2	4	2	2	1	2	4
Firemen.....Surface	288	284	311	253	259	258	268	267	267	258	240	273	269
.....Underground	15												
Machinists.....Surface	424	458	287	291	241	322	322	277	344	331	329	255	323
.....Underground	1	1	1	1	1	1	1	1	1	1	1	1	1
Carpenters and masons.....Surface	162	129	142	141	209	153	154	223	157	154	136	122	158
.....Underground	8												
Other mechanics.....Surface	109	85	125	116	108	108	113	104	108	106	110	107	108
.....Underground	88	149	87	86	102	118	119	105	97	100	109	245	118
All other employees.....Surface	837	918	1,070	869	764	775	862	814	811	780	805	835	844
.....Underground	1,334	1,091	1,044	995	1,013	1,070	118	1,150	1,260	1,101	1,194	959	1,110
All employees.....Surface	3,035	3,030	3,140	2,718	2,636	2,695	2,780	2,744	2,763	2,694	2,705	2,816	2,796
.....Underground	10,112	9,759	10,083	9,282	9,214	9,696	9,963	9,910	10,165	10,197	10,218	9,352	9,830
Total.....	13,147	12,788	13,223	12,000	11,850	12,391	12,743	12,654	12,928	12,891	12,923	11,968	12,626

Employees, Salaries and Wages.—Owing to the fact that the classification of the employees was revised for 1921 it has not been possible to prepare absolutely comparable figures for 1920 and 1921 regarding the number employed in the several classes of labour represented. Two tables have been prepared. Table 35 shows the number of employees on the rolls for each month in 1920 with an average for the year for each class shown. Table 36, in which the revised classification of employees has been used, shows the number of employees by classes on the rolls of all collieries in Nova Scotia for each month in 1921 and the average for the year. In both tables division has been made between surface and underground employees. The trend of employment can be followed through these tables and it will be observed that the peak of employment in the two years was reached in December, 1920 when 15,369 names appeared on the rolls. The last three months of 1920 and the first three months of 1921 seemed the busiest. The lowest number of employees reported in the twenty-four months under review was for May, 1921, when 11,850 names were shown. The only other month to drop below the 12,000 mark was December, 1921 with a total of 11,968.

For 1921 the schedules returned showed not only the number of employees each month, but the actual number of man-days' work done and from these data, Table 37 has been prepared. The table shows the number of employees by months, surface, underground and total, and also the number of days' work done by these employees, surface, underground and total, and the total wages paid each month. A feature of particular interest brought out by this table is the average number of days' work done by each employee, surface and underground, during the year, together with the average daily wage earned. A second compilation showing the number of man-days' work done, by districts, in 1921 is given in Table 38.

Table 39 shows the number of salaried employees by classes, together with the sums paid them in salaries during 1921.

Table 37.—Number of Employees, Work done and Wages paid by months in the Coal Mines in Nova Scotia in 1921.

Month	Number of Employees			Days' work done			Total wages Paid
	Surface	Under-ground	Total	Surface	Under-ground	Total	
January.....	3,035	10,112	13,147	70,491	215,495	285,986	1,427,588
February.....	3,030	9,758	12,788	65,735	185,440	251,181	1,262,784
March.....	3,140	10,083	13,223	61,150	164,263	225,418	1,165,690
April.....	2,718	9,282	12,000	53,930	137,014	190,944	920,801
May.....	2,636	9,214	11,850	55,721	171,952	227,673	1,140,748
June.....	2,695	9,096	12,391	59,360	194,308	253,668	1,307,244
July.....	2,780	9,963	12,743	60,037	192,296	252,333	1,255,309
August.....	2,744	9,910	12,654	58,661	194,790	253,451	1,322,940
September.....	2,763	10,165	12,928	57,620	187,665	215,285	1,228,227
October.....	2,694	10,197	12,891	56,517	184,559	211,076	1,250,142
November.....	2,705	10,228	12,923	58,595	187,324	245,919	1,246,163
December.....	2,616	9,352	11,968	53,836	179,184	233,020	1,182,689
Total.....				711,633	2,191,301	2,905,954	14,710,325
Average.....	2,796	9,829	12,625	254 days per year	223 days per year	230 days per year	5.06 per day

Table 38.—Time worked, showing the number of man-days worked, by districts, in Nova Scotia, for 1921.

District	Surface	Under-ground	Total
Cape Breton County.....	363,943	1,479,760	1,843,703
Cumberland County.....	137,637	321,129	458,766
Inverness County.....	69,878	104,661	174,539
Pictou County.....	140,195	288,751	428,946
Total.....	711,653	2,194,301	2,905,954

Table 39.—Salaried Employees on the Coal Mine Staffs in Nova Scotia for 1921.

District	Male	Female	Total salaries
Salaried officers of corporation.....	28		\$ 126,080
General superintendents, managers.....	148		372,399
Technical experts, accountants.....	111		244,755
Clerks, stenographers, salesmen.....	213	47	354,245
Other employees.....	22	8	37,585
Total.....	522	55	1,135,064

Tonnage Lost.—For the first time it has been possible to prepare a statement showing the tonnage lost in the coal mines of Nova Scotia and in connection with this table a word or two of explanation seems necessary. It will be readily understood that in any statement of tonnage lost by operating mines the method of computing the data must be more or less arbitrary. A plan has been worked out by the Bureau which is now being applied in every coal-producing province, and the following outline of the procedure is given in order that the reader may clearly understand how the data in Table 40 were obtained.

For each month the actual output and the actual number of days' work done by all employees on the colliery pay-rolls are determined and from these two figures the output per man-day is deduced. The number of individual shifts lost by the men whose names are on the colliery payroll for the month is recorded, and the total number of shifts so lost is multiplied by the actual tonnage produced per man-day during the month. This lost tonnage plus the actual output of the mine during the month is regarded as the possible output and the percentages given in Table 40 showing the proportions produced and lost are computed from these figures. The tonnage lost is thus analysed according to the cause of loss and the percentage figures are included in the tables.

Imports and Exports.—Table 41, shows the quantities of anthracite and bituminous coal by grades imported into Canada via Nova Scotia ports during each of the past three years, and Table 42 gives the corresponding data concerning the exports of Canadian Coal. The comments in Chapter One relative to the imports and exports tables given there apply equally to these two tables (See page 7).

Table 40.—Tonnage lost in Nova Scotia Coal Mines in 1921, showing by Districts the Relative Percentages produced and lost, with an Analysis of the Percentage lost.

District.	% Produced	% Lost	Percentage lost through				
			Absenteeism	Lack of Orders	Car Shortage	Mine Disability	Other Causes
Cape Breton County.....	74	26	5	19	.....	1	1
Cumberland County.....	67	33	7	24	.....	1	1
Inverness County.....	60	31	8	20	.....	1	2
Pictou County.....	69	31	6	18	6	.....	1

Table 41.—Imports into Nova Scotia of Anthracite and Bituminous Coal from the United States by Ports of Entry.

(Short Tons)

Port and Calendar Year	Anthracite			Bituminous			Total All Grades
	Egg, Nut, etc.	Dust	Total	Round and run- of-mine	Slack	Total	
Amherst.....	204	.....	204	.....	.....	.....	204
	64	.....	64	1,112	.....	1,112	1,176
	155	.....	155	.....	.....	.....	155
Annapolis.....	2,608	.....	2,608	.....	.....	.....	2,608
	1,142	.....	1,142	.....	.....	.....	1,142
	2,456	.....	2,456	.....	.....	.....	2,456
Ariahat.....	2	.....	2	.....	.....	.....	2
	38	.....	38	.....	.....	.....	38
	171	.....	171	.....	.....	.....	171
Baddeck.....	4	.....	4	.....	.....	.....	4
	.....	.....	.....	3	.....	3	3

Barrington Passage.....	17	.....	17	.....	.....	.....	17
	5	.....	5	.....	.....	.....	5

Bridgewater.....	817	.....	817	.....	.....	.....	817
	564	.....	564	.....	.....	.....	564
	566	.....	566	.....	.....	.....	566
Canso.....	843	.....	843	.....	.....	.....	843
	875	.....	875	.....	.....	.....	875
	817	.....	817	.....	.....	.....	817
Digby.....	989	.....	989	.....	.....	.....	989
	519	.....	519	.....	.....	.....	519
	907	.....	907	.....	.....	.....	907
Glace Bay.....	20	.....	20	.....	.....	.....	20

Halifax.....	39,022	.....	39,022	3,829	109	3,938	42,960
	25,256	.....	25,256	127	250	377	25,633
	38,115	.....	38,115	1,261	454	1,715	39,830
Kentville.....	1,766	.....	1,766	.....	.....	.....	1,766
	1,581	.....	1,581	.....	.....	.....	1,581
	2,007	.....	2,007	.....	.....	.....	2,007

Table 41.—Imports into Nova Scotia of Anthracite and Bituminous Coal from the United States by Ports of Entry—Con.

(Short Tons)

Calendar Year	Anthracite			Bituminous			Total All Grades
	Egg, Nut, etc.	Dust	Total	Round	Slack	Total	
<i>Nova Scotia—Concluded</i>							
Liverpool.....	1919	691	691	42	11	53	744
	1920	729	729				729
	1921	1,061	1,061				1,061
Lockeport.....	1919						
	1920	214	214				214
	1921	256	256				256
Lunenburg.....	1919	3,041	3,041				3,041
	1920	3,050	3,050				3,050
	1921	3,847	3,847				3,847
Middleton.....	1919	44	44				44
	1920	167	167				167
	1921						
New Glasgow.....	1919	41	41				41
	1920	44	44				44
	1921						
North Sydney.....	1919	212	212				212
	1920	295	295	1,290		1,290	1,585
	1921	432	432	40		40	472
Parrsboro.....	1919	2	2				2
	1920						
	1921			2		2	2
Pictou.....	1919	132	132				132
	1920						
	1921						
Port Hood.....	1919	50	50				50
	1920						
	1921						
Shelburne.....	1919						
	1920	10	10				10
	1921						
Sydney.....	1919						
	1920						
	1921	127	127	112		112	239
Truro.....	1919	215	215				215
	1920	42	42	196		196	238
	1921						
Weymouth.....	1919	725	725	30		30	755
	1920	571	571		10	10	581
	1921	424	424				424
Windsor.....	1919	1,208	1,208				1,208
	1920	186	186				186
	1921	811	811				811
Yarmouth.....	1919	7,462	7,462	55		55	7,517
	1920	9,962	9,962	50		59	10,021
	1921	10,051	42	10,003	3	3	10,096
Total Nova Scotia.....	1919	60,095	60,095	3,956	120	4,076	64,171
	1920	45,334	45,334	2,784	260	3,044	48,378
	1921	62,203	42	62,245	1,421	454	64,120

Table 42.—Exports of Canadian Coal by Nova Scotia Ports of Exit.
(Short Tons)

Port	1919	1920	1921
Baddeck.....		4,556	358
Glace Bay.....	44		
Halifax.....	81,263	78,413	25,855
Lunenburg.....		172	
North Sydney.....	103,213	135,179	76,131
Parrsboro'.....	762	145	
Pictou.....			3,015
Port Hawkesbury.....		49,845	3,846
Sydney.....	808,825	977,363	618,532
Total.....	994,107	1,245,673	727,787

Table 43.—Distribution of Coal through Retail Dealers in Nova Scotia by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21.

(Compiled in Internal Trade Branch)

(Short Tons)

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous, Lignite and others			
			1919-20	1920-21	1919-20	1920-21	1919-20	1920-21
Amherst.....	489	—	2,914	283	17,696	16,721	21,099	17,004
Antigonish.....	—	103	261	—	3,505	2,688	3,766	2,791
Halifax.....	30,955	18,892	11,297	887	68,470	68,308	110,722	88,087
Lunenburg.....	1,120	1,204	—	—	959	1,570	2,079	2,774
Mulgrave.....	—	—	126	—	1,059	939	1,185	939
Pictou.....	—	291	2,537	—	15,268	9,271	17,805	9,562
Truro.....	215	2,660	3,037	—	21,966	19,262	25,218	21,922
Windsor.....	330	416	164	—	13,281	6,799	13,775	7,215
Yarmouth.....	8,619	8,715	2,739	—	19,633	25,164	30,991	33,879
Other municipalities (52).....	13,751	7,879	5,612	—	53,519	40,298	72,882	48,177
Total.....	55,479	40,160	28,687	1,170	215,356	191,020	299,522	232,350

CHAPTER THREE

NEW BRUNSWICK.

Output and Distribution.—The greatest annual output of coal from the mines of New Brunswick was attained in 1918 when a total of 268,212 tons was produced. The province receives a considerable quantity of coal from Nova Scotia and also imports seventy to eighty thousand tons of coal from the United States annually. The exports from the province are high in relation to the annual production, the reason being that a considerable quantity of Nova Scotia coal is cleared for export through New Brunswick customs ports. While the record output for the province was reached in 1918 and there was a decline in production in 1919 there has been a gradual recovery during the past two years, the output in 1921 amounting to 187,192 tons. Table 44 shows the quantity and value of the coal produced in New Brunswick from 1887 to date. Table 45 records the monthly output from each colliery for the last three years. Only collieries having an average monthly output of 500 tons or over have been itemized.

The disposition of all coal mined in New Brunswick during 1920 and 1921 has been tabulated by months in Table 46. The monthly shipments of coal from New Brunswick mines have been collected in Table 47. In Table 48 an analysis has been made of the data given in Table 46 to show the disposition of the several grades of coal, and Table 49 shows the quantity of each grade of coal shipped during the past two years and indicates the destinations of all such shipments.

Employees, Salaries and Wages.—About 450 men were employed on the average in the mines of New Brunswick during 1920 and 1921. The number on the rolls varied from 326 in January of 1920 to a maximum of 640 in December of the same year. Throughout the first six months of 1920 the number employed was between 350 and 400 and during the latter months of the year there was a gradual improvement until in December, 1921, a total of 539 names appeared on the colliery pay-rolls.

For 1921 a record was obtained of the number of man-days' work done by all the employees on the colliery pay-rolls each month. Table 50 shows for 1921 the monthly average number of men employed, the days' work done and the wages paid. From the data given in this table it has been determined that the average number of employees working in New Brunswick coal mines in 1921 numbered 165 surface and 283 underground or 448 in all. On the average each surface employee worked 197 days during the year and each underground worked was engaged 213 days. The average number of days' work done during the year by each employee (surfaced and underground) was 207, and the average daily wage obtained by dividing the total wages paid by the total number of man-days' work done was \$5.17.

Tables 51 and 52 show for 1920 and 1921 respectively the number of employees on the colliery pay-rolls each month during the year. In both tables, division has been made to show the number of employees in each of six classes, and separation has been made between surface and underground employees.

Salaried employees on the coal mine staffs in the province in 1921 numbered 34 and the total salaries paid to these employees amounted to \$78,200. Details regarding the salaries paid to each of the several classes are given in Table 53.

Imports and Exports.—The bulk of the coal imported into New Brunswick is anthracite from the United States and in 1921 a total of 82,509 tons of anthracite coal was brought in. In addition to this, considerable quantities of bituminous coal were entered through New Brunswick ports, the total for the province being 124,459 tons. Table 54 shows for each customs port the quantities of anthracite and bituminous coal by grades imported during the past three calendar years. Table 55 shows the quantities of Canadian coal exported through New Brunswick ports during each of the past three years.

Table 44.—Annual Production of Coal in New Brunswick.

Calendar Year	Short tons	Value	Calendar Year	Short tons	Value
		\$			\$
1887.....	10,040	23,607	1904.....	9,112	18,224
1888.....	5,730	11,050	1905.....	29,400	58,800
1889.....	5,673	11,733	1906.....	34,076	68,152
1890.....	7,110	13,850	1907.....	34,584	77,814
1891.....	5,422	11,030	1908.....	60,000	135,000
1892.....	6,768	9,375	1909.....	49,029	98,496
1893.....	6,200	9,837	1910.....	55,455	110,910
1894.....	6,460	10,264	1911.....	55,781	111,562
1895.....	9,500	14,250	1912.....	44,780	89,560
1896.....	7,500	11,250	1913.....	70,311	166,637
1897.....	6,000	9,000	1914.....	98,049	241,075
1898.....	6,160	9,240	1915.....	127,391	300,612
1899.....	10,528	15,792	1916.....	143,510	336,016
1900.....	10,000	15,000	1917.....	189,095	708,010
1901.....	17,630	51,857	1918.....	268,212	1,331,710
1902.....	18,795	39,680	1919.....	166,377	735,380
1903.....	16,000	40,000	1920.....	171,610	1,091,440
			1921.....	187,192	920,666
			Total.....	1,919,519	6,965,885

NOTE.—The values given for the production from 1887 to 1918, represent sales values of coal sold or used. For the last three years, values of the entire mine output were obtained.

Table 45.—Output by Principal Collieries (Average output of 500 tons per month or over) in New Brunswick by months for the years 1919, 1920, 1921.
(Short tons)

Collieries	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Total
Avon Coal Co. Ltd.....	2,392	1,667	18		1,309	1,503	1,674	1,533	753	1,333	1,916	2,172	16,270
1920	2,777	2,409	2,661	2,432	1,730	1,705	1,440	1,282	1,282	1,261	1,809	823	21,671
1921											449	855	1,304
King, G. H.....	1,594	784	740	520	338	548	462	660	863	1,086	993	1,150	9,744
1920	1,159	1,229	1,673	1,523	1,220	1,151	1,578	626					10,165
1921*													
Minto Coal Co. Ltd.....	9,684	10,041	8,667	8,918	7,997	6,889	7,703	9,388	7,904	8,228	6,668	1,464	9,3811
1920	936	1,334	2,013	886	823	897	4,802	6,307	4,422	4,629	5,656	4,942	37,647
1921	5,686	6,750	5,723	6,849	6,552	10,242	8,234	10,663	12,366	11,183	12,484	10,322	106,854
Miramichi Lumber Co.....													
1919													
1920													
1921	1,030	1,861	1,603	159			737	1,149	1,076	1,187	1,353	2,340	12,501
Northfield Coal Co. Ltd.....	68	229										386	583
1919													1,266
1920	816	483	561	680	530	508	463	188					4,229
1921*													
Reade, L. W., c/o Grand Lake Coal Co.....	1,404	34											1,438
1920													1,870
1921	792	604		220									1,616
Rothwell Coal Co., Ltd.....	3,259	727	243	217	202		55	7	249	474	685		6,118
1920	985	832	837	914	654	1,145	1,083	1,141	1,097	1,190	964	719	11,561
1921	345	501					177	427	187	517	577	455	3,186
Ridge Coal & Brick Co. Ltd.....	383	499	841	563	647	613	345	237	296	372	288	505	5,589
1920	700	768	763	1,104	984	1,160	954	741	915	1,232	1,555	898	11,774
1921													
Sheffield Coal Co. Ltd.....	1,260	530	138				1,810	2,429	2,400	2,201	2,446	2,951	742
1920							2,914	3,101	3,587	4,125	2,567	3,086	22,945
1921							3,251	3,655	4,305	3,291	1,373	2,454	2,126
Thurrot, A. McM.....												201	143
1919													2,945
1920	483	455	475		378	407	405						
1921*													
Welton, Harvey & Wood.....	3,471	1,775	672	733	597	979	32	882	757	1,229	1,251	1,463	13,841
1920	2,080	2,380	2,243	1,289	2,147	2,384	2,250	2,270	1,377	1,534	2,246	1,671	23,871
1921	1,065	1,263	768	1,481	1,535	1,308	1,419	1,767	1,628	1,827	2,715	2,428	19,204
Welton & Henderson.....													
1919													
1920													
1921	1,419	1,138	792	1,644	1,233	580	1,640	2,382	1,289	2,498	3,322	3,214	21,131
Total for New Brunswick....	24,687	16,286	11,840	10,951	11,090	12,342	12,700	15,107	12,834	14,943	14,927	8,770	106,477
1920	10,066	10,665	11,919	8,948	11,610	13,003	18,604	20,460	15,648	16,961	20,285	13,441	171,610
1921	10,490	12,320	8,886	10,153	12,701	15,887	16,512	19,639	17,953	19,700	23,275	19,056	187,192

Table 46.—Disposition of Coal from the Mines of New Brunswick by months for 1920 and 1921.
(Short tons)

	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Total
Supplied to employees for do- mestic consumption.....	165	182	187	78	74	76	155	73	90	138	177	253	1,657
1921	123	157	118	140	37	48	59	56	70	158	292	340	1,604
Used under colliery boilers, etc.													
1920	429	417	339	372	476	444	757	780	701	828	622	399	8,654
1921	160	162	232	164	207	225	203	213	219	227	258	168	2,438
Shipped (See Table 47).....	9,749	9,895	11,819	8,436	10,950	12,496	17,889	19,695	14,701	15,824	19,392	12,699	163,545
1921	10,110	10,963	7,611	9,584	12,507	14,740	15,745	20,995	17,948	19,336	22,011	19,451	181,001
Put on bank.....	165	171	62	110	45	50	15	67	125	151	269	1,230	
1921	250	1,283	1,314	637	583	1,652	2,153	582	291	240	985	1,056	11,026
Put on waste heap.....			141				4	4	5	175	67	71	467
1921	4	4	4	4	4	5	4	6	4	4	4	4	51
Total disposition.....	10,508	10,665	12,486	8,948	11,610	13,061	18,855	20,567	15,663	17,090	20,409	13,691	173,553
1921	10,647	12,569	9,279	10,529	13,338	16,670	18,164	21,852	18,538	19,965	23,550	21,019	196,120
Lifted from bank.....	442	567	567			58	251	107	15	129	124	250	1,943
1921	157	249	393	376	637	783	1,652	2,193	585	265	275	1,363	8,928
Total Output.....	10,066	10,665	11,919	8,948	11,610	13,003	18,604	20,460	15,618	16,061	20,285	13,441	171,610
1921	10,490	12,320	8,886	10,153	12,701	15,887	16,512	19,650	17,953	19,700	23,275	19,656	187,192

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Table 47.—Total Shipments of Coal from New Brunswick Mines by months and by destinations for 1920 and 1921.
(Short tons)

	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Total
New Brunswick.....	9,540	8,577	11,349	7,721	9,372	8,903	7,345	9,303	6,727	8,226	13,265	11,807	112,195
1921	8,650	9,342	6,862	8,370	8,884	11,335	11,489	18,914	16,914	17,007	21,460	18,546	157,782
Nova Scotia.....							87		53		101		664
1921													241
Quebec.....	40	41	46	268	815	2,250	8,325	8,913	6,840	5,839	3,329	679	37,400
1921	124					2,803	2,933	3,547	1,707	761	2,028	147	14,055
Ontario.....						47	153	316	82	84	165		847
United States.....	163	1,277	424	447	763	1,257	1,277	1,103	1,052	1,531	2,633	213	12,170
1921	1,327	1,621	749	1,214	728	472	709	321	273	200	404	905	8,923
Other places.....						125				144			269
Total.....	9,749	9,895	11,819	8,436	10,050	12,496	17,889	19,695	14,701	15,824	19,392	12,699	163,545
1921	10,110	10,963	7,611	9,584	12,507	14,740	15,745	20,995	17,948	19,336	22,011	19,451	181,001

Table 48.—Disposition of Coal from the Mines of New Brunswick by Grades in 1920 and 1921.

(Short tons).

	1920				1921			
	Run-of-mine	Screened	Slack	Total Coal	Run-of-mine	Screened	Slack	Total Coal
Supplied to employees for domestic consumption	1,657			1,657	1,573		31	1,604
Used under colliery boilers, etc.	6,654			6,654	2,388		50	2,438
Used by Company's railroads	29			29				
Shipped (See Table 49)	157,613	5,443	489	163,545	87,132	78,230	15,639	181,001
Used in making coke								
Used in making briquettes								
Put on bank	888	93	220	1,201	2,495	2,238	6,293	11,026
Put on waste heap	407			467	51			51
Total disposition	167,308	5,536	709	173,553	93,639	80,468	22,013	196,120
Lifted from bank	1,719	33	191	1,943	1,153	1,580	6,195	8,928
Total Output	165,589	5,503	518	171,610	92,486	78,888	15,818	187,192

Table 49.—Total Shipments of Coal from New Brunswick Mines by Grades and Destinations in 1920 and 1921.

(Short tons).

Destination	1920				1921			
	Run-of-mine	Screened	Slack	Total Coal	Run-of-mine	Screened	Slack	Total Coal
New Brunswick (including local sales)	106,318	5,388	489	112,195	64,030	78,113	15,639	157,782
Nova Scotia	664			664	241			241
Prince Edward Island								
Quebec	37,400			37,400	14,055			14,055
Ontario	847			847				
United States	12,115	55		12,170	8,806	117		8,923
Other places	269			269				
Total	157,613	5,443	489	163,545	87,132	78,230	15,639	181,001

Table 50.—Number of Employees, Work done and Wages paid by months in the Coal Mines in New Brunswick for year 1921.

Month	Number of Employees			Days' Work Done			Total Wages Paid
	Surface	Under-ground	Total	Surface	Under-ground	Total	
January	112	300	412	2,537	4,273	6,810	\$34,697
February	130	280	410	2,285	4,276	6,561	38,185
March	109	247	356	2,206	3,785	5,991	29,480
April	122	232	354	2,411	3,888	6,299	32,080
May	194	215	409	2,425	4,145	6,570	34,786
June	190	221	411	3,213	3,815	7,058	41,114
July	206	264	470	2,666	4,896	7,502	41,202
August	203	288	491	2,843	5,704	8,547	43,686
September	182	291	473	2,533	5,149	7,742	45,206
October	179	308	487	2,782	6,672	9,454	43,159
November	217	356	573	3,467	7,099	10,566	48,380
December	138	401	539	3,118	6,560	9,678	47,727
Totals				32,546	60,292	92,838	479,702
Average	165	283	448	197 days per year	213 days per year	207 days per year	\$5.17 per day

Table 51.—Number of Employees in the Coal Mines of New Brunswick by Classes for each month in 1920 and for the year.

	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Average
Supervision—													
Surface.....	9	10	11	8	13	10	11	16	12	11	8	10	11
Underground.....	9	11	59	7	9	8	8	14	10	11	16	14	14
Miners and helpers—													
Surface.....	13	13	9	20	18	12	19	38	29	30	49	55	25
Underground.....	190	225	204	202	193	175	167	224	201	221	263	377	220
Haulage employees—													
Surface.....	48	36	27	37	38	41	43	23	25	17	14	12	31
Underground.....	2	1	3	1	1	1	11	1	1	1	3	2	2
Mechanics and skilled labour—													
Surface.....	20	26	27	22	22	34	40	41	44	38	19	31	30
Underground.....	2	5	.....	4	2	3	3	4	4	4	10	.....	4
Clerical assistance—													
Surface.....	5	11	41	6	15	7	8	11	8	8	5	7	11
Underground.....	1	.....	1	.....	.....	1	1	2	2	2	4	3	1
Other employees—													
Surface.....	19	25	33	35	44	45	54	136	141	165	106	128	77
Underground.....	8	8	14	.....	4	4	4	37	38	25	28	3	15
All employees—													
Surface.....	114	121	148	128	150	149	175	285	250	260	201	243	185
Underground.....	212	250	281	214	209	191	194	280	250	263	324	397	256
Total.....	326	371	429	342	359	340	369	545	515	532	525	640	441

Table 52.—Number of Employees in the Coal Mines of New Brunswick by Classes for each month in 1921 and for the year.

	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Average
Supervision—													
Surface.....	7	6	5	9	9	9	11	11	11	11	14	11	9
Underground.....	11	12	10	8	7	8	9	9	9	9	10	11	9
Miners and helpers—													
Surface.....	—	15	11	18	—	—	—	—	—	—	6	4	4
Underground.....	262	259	227	211	195	209	253	272	277	289	340	355	262
Haulage employees—													
Surface.....	11	10	4	4	6	4	10	9	8	6	8	5	8
Underground.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Mechanics and skilled labour—													
Surface.....	15	15	19	25	30	37	41	38	45	49	48	33	33
Underground.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Clerical assistance—													
Surface.....	5	9	8	9	7	7	10	10	10	9	9	6	8
Underground.....	4	—	1	—	—	—	—	—	—	—	—	3	1
Other employees—													
Surface.....	74	75	62	57	136	133	134	135	108	104	132	79	103
Underground.....	23	9	9	13	13	4	2	7	5	10	6	32	12
All employees—													
Surface.....	112	130	109	122	194	190	206	203	182	179	217	138	165
Underground.....	300	280	247	232	215	221	264	288	291	308	356	401	284
Total.....	412	410	356	354	408	411	470	491	473	487	573	539	449

Table 53.—Salaried Employees on the Coal Mine Staffs in New Brunswick for 1921.

	Male	Female	Total Salaries
Salaried Officers of Corporation.....	2		\$ 7,000
General Superintendents, Managers.....	17		49,055
Technical Experts, Accountants.....	6		11,880
Clerks, Stenographers, Salesmen.....	7	2	10,205
Other Employees.....			
Total.....	32	2	78,200

Table 54.—Imports of Anthracite and Bituminous Coal from United States into the Province of New Brunswick by Ports of Entry, for 1919, 1920 and 1921.

(Short Tons)

Port and Calendar Year	Anthracite			Bituminous			Total All Grades
	Egg, Nut, etc.	Dust	Total	Round and run- off-nine	Slack	Total	
Bathurst.....	1919	852	852	659	.....	659	1,511
	1920	844	844	38	.....	38	882
	1921	551	551	9,122	5,498	14,620	15,171
Campbellton.....	1919	1,958	1,958	39	.....	39	1,997
	1920	7-8	748	.....	.....	.....	748
	1921	2,453	2,453	.....	50	50	2,503
Chatham.....	1919	480	480	.....	.....	.....	480
	1920	333	333	.....	.....	.....	333
	1921	409	469	7,118	.....	7,118	7,587
Fredericton.....	1919	7,809	7,809	116	.....	116	7,925
	1920	4,505	4,505	133	.....	133	4,638
	1921	5,238	5,238	118	.....	118	5,356
McAdam Junction.....	1919	270	270	9,240	.....	9,240	9,510
	1920	349	349	.....	.....	.....	349
	1921	235	235	57	.....	57	293
Moncton.....	1919	795	795	.....	.....	.....	795
	1920	438	438	.....	.....	.....	438
	1921	556	556	.....	.....	.....	556
Newcastle.....	1919	392	392	.....	.....	.....	392
	1920	324	324	.....	.....	.....	324
	1921	142	142	.....	.....	.....	142
Sackville.....	1919	305	305	.....	.....	.....	305
	1920	84	84	.....	.....	.....	84
	1921	169	169	.....	.....	.....	169
St. Andrews.....	1919	1,336	1,336	19	.....	19	1,355
	1920	755	755	.....	.....	.....	755
	1921	681	681	.....	.....	.....	681
St. John.....	1919	48,262	48,262	1,447	1	1,448	49,710
	1920	46,960	46,960	214	.....	214	47,174
	1921	64,635	64,635	1,040	18,333	19,423	84,053
St. Stephen.....	1919	2,829	2,829	57	.....	57	2,886
	1920	1,566	1,566	193	.....	193	1,759
	1921	6,372	6,372	383	.....	383	6,755
Woodstock.....	1919	1,610	1,610	173	.....	173	1,783
	1920	953	953	358	.....	358	1,311
	1921	1,008	1,008	181	.....	181	1,189
Total New Brunswick.....		66,898	66,898	11,750	1	11,751	78,619
		57,859	57,859	936	.....	936	58,705
		82,509	82,509	18,019	23,931	41,950	124,459

Table 55.—Exports of Canadian Coal through New Brunswick Ports, 1919-20-21.

(Short tons)

Port	1919	1920	1921
McAdam Junction.....	1,615	4,661	3,720
St. Andrews.....	496	287	44
St. John.....	46,536	87,557	57,852
St. Stephen.....	550	887	329
Woodstock.....	9,893	19,658	9,753
Total.....	59,090	113,050	71,698

Table 56.—Distribution of Coal through Retail Dealers in New Brunswick by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21.

(Compiled in Internal Trade Branch)

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous, Lignite and others			
			1919-20	1920-21	1919-20	1920-21	1919-20	1920-21
Chatham.....	343	384	50	—	3,321	3,628	3,714	4,012
Fredericton.....	4,717	5,744	616	256	5,007	5,557	10,340	11,557
Moncton.....	478	175	2,053	—	36,676	13,662	39,207	13,837
Newcastle.....	459	214	110	151	2,729	2,740	3,298	3,105
St. John.....	43,551	38,071	4,928	1,252	54,036	66,733	102,515	106,056
St. Stephen.....	4,769	3,244	146	141	689	2,203	5,604	5,588
Shediac.....	—	—	176	140	2,392	1,672	2,568	1,812
Woodstock.....	1,359	628	180	204	2,082	2,896	3,621	3,728
Other municipalities (26).....	5,701	3,514	8,903	77	68,854	57,679	83,458	61,270
Total.....	61,377	51,974	17,162	2,221	175,786	156,770	254,325	210,965

CHAPTER FOUR.

PRINCE EDWARD ISLAND.

Prince Edward Island produces no coal and as a consequence the only statistics relative to coal in this province have to do with importations either from foreign sources or other Canadian provinces. Table 57 shows the quantities of anthracite and bituminous coal imported at each port of entry on the Island for the past three years.

The Customs records of exports for 1920-21 both showed an export item of coal through the port of Charlottetown amounting to two tons in each year.

The annual consumption of coal on the Island is about 100,000 tons. In 1920 it was slightly higher and consisted almost entirely of Canadian coal received from the provinces of Nova Scotia and New Brunswick. Slightly over 5,000 tons of anthracite was imported from the United States. For 1921 the

apparent consumption of coal was considerably less than in the preceding year amounting in all to only 78,963 tons consisting of 72,084 tons from Canada and 6,881 tons from the United States.

Table 57.—Imports of Anthracite and Bituminous Coal from the United States into Prince Edward Island by Ports of Entry, for 1919, 1920 and 1921.

(Short Tons)

Port and Calendar Year	Anthracite			Bituminous			Total all Grades
	Egg, Nut, etc.	Dust	Total	Round and run- off-mine	Slack	Total	
Charlottetown.....	1919	7,128	7,128	142	.....	142	7,270
	1920	3,985	3,985	513	.....	513	4,498
	1921	4,667	4,667	238	.....	238	4,905
Summerside.....	1919	2,446	2,446	.....	.....	.....	2,446
	1920	1,559	1,559	.....	.....	.....	1,559
	1921	1,976	1,976	.....	.....	.....	1,976
Total.....	1919	9,574	9,574	142	.....	142	9,716
	1920	5,544	5,544	513	.....	513	6,057
	1921	6,043	6,043	238	.....	238	6,881

Table 58.—Distribution of Coal through Retail Dealers by Municipalities in Prince Edward Island during the years April 1 to March 31, 1919-20 and 1920-21.

(Compiled in Internal Trade Branch)

(Short Tons)

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous, Lignite and others			
			1919-20	1920-21	1919-20	1920-21	1919-20	1920-21
Charlottetown.....	3,348	5,400	1,840	1,013	22,018	9,956	27,206	15,711
Other municipalities (17).....	2,699	2,684	232	75	16,092	15,760	19,023	18,519
Total.....	6,047	8,183	2,072	1,088	38,110	25,716	46,229	34,230

CHAPTER FIVE.

QUEBEC.

In recent years the province of Quebec has been almost wholly dependent on the United States for its supply of coal. Prior to the war, large quantities of coal from the Maritime Provinces were brought up the St. Lawrence as far as Montreal and at times the distribution of this coal reached farther westward. From 1915 to 1921 very little Maritime coal was shipped into Quebec, partly due to the fact that the foreign export market was very attractive during these years and partly also because the ships formerly used in this trade were commandeered for transatlantic service.

In 1920 Quebec received from other Canadian provinces about 280,000 tons of coal, and imported from the United States 3,503,000 tons of bituminous coal. About 1,000 tons of Canadian coal was cleared for foreign export trade through Quebec ports leaving an apparent consumption of anthracite coal for the year at 1,544,000 tons and of bituminous coal 3,783,000 tons, or a total consumption of 5,327,000 tons.

In 1921 owing to the prevailing industrial depression less coal was burned in Quebec, the total consumption for the year being 4,898,000 tons comprising 1,312,000 tons of anthracite and 3,586,000 tons of bituminous coal. The imports of bituminous coal from the United States were distinctly lower than in the preceding year, amounting in all to 2,685,000 tons. Over 900,000 tons of coal was shipped into Quebec from the other Canadian provinces.

Imports of United States coal by kinds and grades received at each customs port in the province of Quebec during the past three years have been collected in Table 59. Similar data regarding the exports of Canadian coal through Quebec customs ports are given in Table 60.

Table 59.—Imports of Anthracite and Bituminous Coal from United States into the Province of Quebec by Ports of Entry, 1919–20–21.

(Short Tons)

Port and Calendar Year	Anthracite			Bituminous			Total all Grades	
	Egg, Nut, etc.	Dust	Total	Round and run- off-mine	Slack	Total		
Abercorn.....	1919	89	89	2	.....	2	91	
	1920	33	33	54	.....	54	87	
	1921	2	2	91	.....	91	93	
Athelston.....	1919	313,858	2,613	316,471	193,978	74,641	268,619	585,090
	1920	143,811	2,292	146,103	167,919	27,754	195,673	341,776
	1921	238,503	583	239,176	110,973	66,958	177,931	417,107
Beebe Junction.....	1919	4,316	32	4,348	4,077	729	4,806	9,154
	1920	4,749	47	4,796	9,868	.....	9,868	14,664
	1921	4,643	.....	4,643	6,802	.....	6,802	11,445
Coaticook.....	1919	1,026	.....	1,026	334	42	376	1,402
	1920	2,130	.....	2,139	1,393	53	1,446	3,585
	1921	687	404	1,091	944	.....	944	2,035
Gaspé.....	1919	206	.....	206	19,489	19,489	19,489	19,695
	1920	85	.....	85	7,441	.....	7,441	7,526
	1921	218	.....	218	2,708	.....	2,708	2,926
Highwater.....	1919	.....	.....	1	.....	1	1	1
	1920	.....	.....	1	.....	1	1	1
	1921	.....	.....	1	.....	1	1	1
Hull.....	1919	8,163	.....	8,163	12,388	9,662	22,050	30,213
	1920	8,027	2,900	11,017	38,032	24,433	62,465	73,482
	1921	12,028	.....	12,028	15,970	18,805	34,775	46,803
Lake Megantic.....	1919	126	.....	126	4,070	.....	4,070	4,196
	1920	270	.....	270	47	.....	47	317
	1921	92	.....	92	54	.....	54	146
Mansonville.....	1919	38	.....	38	.....	.....	38	38
	1920	.....	.....	.....	.....	.....	.....	.....
	1921	.....	.....	102	.....	102	102	102
Montreal.....	1919	296,904	17,013	313,917	1,391,468	350,429	1,741,897	2,055,814
	1920	362,379	37,204	399,583	2,025,697	285,866	2,311,563	2,711,146
	1921	253,473	19,922	273,395	1,474,912	406,700	1,881,612	2,155,007
Paspebiac.....	1919	391	.....	391	.....	.....	391	391
	1920	323	.....	323	.....	.....	323	323
	1921	338	.....	338	.....	.....	338	338

Table 59.—Imports of Anthracite and Bituminous Coal from United States into the Province of Quebec by Ports of Entry, 1919-20-21—Con.
(Short Tons)

Calendar Years	Anthracite			Bituminous			Total all Grades
	Egg, Nut, etc.	Dust	Total	Round and run- off-mine	Slack	Total	
Percé.....	1919	365	365	9,635	3,145	12,780	13,145
	1920	80	80	13,277	51	13,398	13,328
	1921	451	451	451	451	451	531
Quebec.....	1919	120,205	1,269	121,474	232,935	16,297	249,232
	1920	137,133	77,853	214,986	245,998	12,763	258,691
	1921	108,436	1,318	109,754	110,711	68,876	179,587
Rimouski.....	1919	725	725	1,357	90	1,447	2,172
	1920	1,977	1,977	806	806	806	2,783
	1921	758	758	1,315	62	1,377	2,135
St. Armand.....	1919	9,257	1,699	10,956	5,724	1,564	7,285
	1920	9,676	1,043	10,719	5,987	497	6,484
	1921	8,111	73 ^a	8,843	4,733	147	4,880
St. Hyacinthe.....	1919	2,257	128	2,385	74,581	436	75,017
	1920	3,866	1,057	4,923	113,843	973	114,816
	1921	7,902	136	8,038	131,533	379	131,912
St. John's.....	1919	442,39 ^a	105,254	547,64 ^a	24,096	2,511	26,597
	1920	460,96 ^a	220,538	681,50 ^a	100,896	1,176	107,00 ^a
	1921	507,205	98,536	605,741	61,173	3,601	64,774
Shawinigan Falls.....	1919	3,267	—	3,267	6,161	78,182	84,346
	1920	5,360	10,179	15,539	85,008	36,782	121,790
	1921	6,262	—	6,262	19,160	31,294	50,454
Sherbrooke.....	1919	10,683	1,717	12,400	84,313	5,449	89,76 ^a
	1920	12,333	4,579	16,917	124,705	4,908	129,613
	1921	12,710	5,636	18,346	51,846	10,419	62,265
Sorel.....	1919	5,14 ^a	—	5,14 ^a	17,995	946	18,941
	1920	6,587	—	6,587	13,59 ^a	234	13,753
	1921	4,147	—	4,147	19,239	52	19,291
Three Rivers.....	1919	17,576	—	17,576	39,009	593	39,60 ^a
	1920	15,783	—	15,783	121,837	476	122,313
	1921	6,795	—	6,795	37,944	9,492	47,436
Valleyfield.....	1919	11,749	—	11,749	4,37 ^a	3,125	7,497
	1920	11,175	—	11,175	23,998	7,258	31,256
	1921	11,965	—	11,965	8,970	8,149	17,119
Total.....	1919	1,248,75 ^a	129,725	1,378,460	2,106,489	567,330	2,673,819
	1920	1,186,674	357,78 ^a	1,544,56 ^a	3,100,196	403,214	3,503,410
	1921	1,184,445	127,267	1,311,712	3,059,632	624,934	2,684,566

Table 60.—Exports of Canadian Coal through Quebec Ports, 1919-20-21.
(Short Tons)

	1919	1920	1921
Abercorn.....			2
Athelstan.....		31	50
Lake Megantic.....	30	200	—
Montreal.....	147	1,000	—
Quebec.....	602	54	—
St. John's.....	150	83	30
Sherbrooke.....	—	2	5
Total.....	929	1,372	85

Table 61.—Distribution of Coal through Retail Dealers in Quebec by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21.

(Compiled in Internal Trade Branch)

(Short Tons)

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous, Lignite and others			
			1919-20	1920-21	1919-20	1920-21	1919-20	1920-21
Beauharnois.....	2,035	2,312	49	50	—	—	2,084	2,362
Berthierville.....	2,261	1,330	—	55	—	—	2,261	1,385
Farnham.....	2,178	1,544	49	—	—	—	2,227	1,544
Huntingdon.....	1,860	1,810	101	—	—	—	1,961	1,810
Lachine.....	10,759	3,323	1,358	261	310	1,345	12,427	4,929
Longueuil.....	5,017	1,508	—	—	153	—	5,200	1,508
Marieville.....	1,449	1,532	—	—	—	70	1,449	1,602
Montreal.....	663,977	856,818	167,963	192,877	63,535	78,030	895,475	1,127,725
Ormstown.....	1,931	951	48	—	—	—	1,979	951
Quebec.....	81,757	33,703	2,265	1,513	695	3,029	84,717	43,245
Richmond.....	4,356	2,315	61	—	—	53	4,417	2,368
St. Hyacinthe.....	7,216	7,459	122	1,011	1,304	543	8,642	9,013
St. Laurent.....	2,698	1,669	—	—	—	—	2,698	1,669
St. Louis de Gonzague.....	1,055	422	32	—	—	—	1,087	422
St. Polycarpe.....	127	107	—	—	—	—	127	107
St. Rémi.....	700	414	76	—	—	—	866	414
Sherbrooke.....	18,265	11,443	382	—	—	—	18,647	11,443
Sorel.....	5,459	3,260	579	1,259	—	—	6,038	4,519
Valleyfield.....	4,707	2,574	178	360	—	48	4,885	2,982
Vaudreuil Station.....	1,069	294	—	—	50	—	1,119	294
Other municipalities (181)	144,471	105,798	19,639	8,512	4,161	8,237	163,271	122,547
Total.....	963,467	1,045,586	192,002	205,898	70,208	91,355	1,226,577	1,342,839

CHAPTER SIX.

ONTARIO.

The dependence of the province of Ontario upon the United States for its supply of fuel has been discussed so often that it seems hardly necessary to state the fact. So far it has not proved feasible to ship Canadian coal from either eastern or western Canada into Central Ontario owing principally to the high cost of rail transportation. The problem of the coal supply for the province of Ontario falls naturally into two divisions. Central Ontario draws its supply from the United States coal fields by way of the lower lakes. The ports at the Head of Lakes, Fort William and Port Arthur have for many years been one of the natural destinations of coal cargoes carried up the lakes by the large carriers operating in those waters which depend for their return cargo on the supplies of iron ore picked up at South Lake Superior ports. A large part of the coal thus dumped at the Head of the Lakes finds its way into the province of Manitoba, and indeed that province receives almost the whole of its imported coal through the ports at the Head of the Lakes. For this reason it has been deemed advisable in statistical reports relating to coal movements in the province of Ontario to consider Central Ontario as a unit, with Manitoba and the Head of the Lakes combined to form a separate unit. In order, however, that the statistics for Ontario may be complete the data given in Table 67 have been compiled to show the imports of anthracite and bituminous coal by grades received during the past three years at each port of entry within the province. A separate

total has been taken off for Central Ontario ports as apart from the ports at the Head of the Lakes, and a total for the province has also been made.

Owing to the fact that scarcely any Canadian coal finds its way into the province of Ontario as a rule, and as all the imported coal is consumed within the province there are seldom any items of export, and when they do occur they are always very small in amount.

The consumption of coal in Central Ontario in 1920 amounted to 13,331,000 tons comprising 10,385,000 tons of bituminous and 2,946,000 tons of anthracite coal, nearly all of which was imported from the United States. A total of 2,259,000 tons of United States coal was dumped at the Head of the Lakes in that year. Of this quantity 296,000 tons was anthracite and the balance bituminous. About 15,000 tons of western Canadian coal was also shipped into the area served by the ports at the Head of the Lakes.

In 1921 the total consumption in Central Ontario declined to 11,543,000 tons including 8,734,000 tons of bituminous and 2,809,000 tons of anthracite. The ports at the Head of the Lakes received approximately the same quantity of coal as in the preceding year. The total coal made available for consumption in that area being 2,249,000 tons, of which 11,900 tons was Canadian coal, 260,890 tons was United States anthracite and 1,976,000 tons was imported bituminous coal.

Table 62.—Imports of Anthracite and Bituminous Coal from United States into the Province of Ontario by Ports of Entry, 1919-20-21.

(Short Tons)

Calendar Years	Anthracite			Bituminous			Total All Grades
	Egg, Nut, etc.	Dust	Total	Round and run-of-mine	Slack	Total	
<i>Central Ontario—</i>							
Amherstburg.....	12,520	57	12,577	20,654	6,642	27,296	39,873
1920	11,262		11,262	56,735	13,171	69,906	81,168
1921	9,660		9,666	32,918	11,056	43,974	53,640
Belleville.....	56,185		56,185	17,798	27,700	45,498	101,683
1920	43,680		43,680	27,379	57,192	84,571	128,251
1921	36,921		36,921	49,760	59,639	109,399	146,320
Bowmanville.....	10,848	43	10,891	2,500	2,812	5,312	16,203
1920	7,193		7,192	5,173	2,594	7,767	14,960
1921	8,731		8,731	2,429	2,919	5,348	14,079
Brantford.....	57,761	535	58,296	28,368	12,437	40,805	99,101
1920	53,946	784	54,730	57,834	17,190	75,024	129,754
1921	51,154	544	51,698	29,618	11,492	41,110	92,808
Bridgeburg.....	36,063	8,605	44,758	570,484	2,246	572,730	617,488
1920	17,049	2,582	19,631	602,997	6,792	609,789	629,420
1921	47,803	163	47,966	809,107	9,261	818,308	806,334
Brockville.....	29,066		29,066	6,703	3,340	10,043	39,109
1920	30,683		30,683	8,493	3,535	12,028	42,711
1921	21,738		21,738	7,758	8,204	15,902	37,700
Chatham.....	14,680		14,680	323,465	35,039	358,504	373,193
1920	15,074	76	15,150	268,862	17,260	286,122	301,272
1921	9,042		9,042	194,443	46,067	240,510	249,552
Cobourg.....	21,412	43	21,455	300,338	3,716	304,054	325,509
1920	35,863		35,863	415,564	15,172	430,730	466,599
1921	28,238		28,238	387,167	7,684	394,851	423,089
Collingwood.....	15,938	94	16,032	4,729	376	5,105	21,137
1920	12,280		12,280	7,802	2,533	10,340	22,620
1921	12,450		12,450	3,563	1,986	5,549	17,999

Table 62.—Imports of Anthracite and Bituminous Coal from United States into the Province of Ontario by Ports of Entry, 1919-20-21—Con.

(Short Tons)

Calendar Years	Anthracite			Bituminous			Total All Grades
	Egg, Nut, etc.	Dust	Total	Round ard run-of-mine	Slack	Total	
<i>Central Ontario—Continued</i>							
Cornwall.....	20,043	154	20,197	22,312	1,160	23,481	43,678
1920	20,177	9,786	29,963	29,886	2,180	32,066	62,029
1921	18,202	10,270	28,472	25,502	2,354	27,856	56,328
Deseronto.....	3,418	.....	3,418	352	.....	352	3,770
1920	2,491	.....	2,491	401	.....	401	2,892
1921	3,137	.....	3,137	1,382	.....	1,382	4,519
Fort Frances.....	559	.....	559	48,794	10,450	59,253	59,812
1920	2,648	.....	2,648	100,369	11,588	111,957	114,605
1921	133	5	138	118,370	9,586	127,956	128,094
Galt.....	37,022	499	37,521	15,743	10,011	25,754	63,275
1920	34,923	541	35,464	41,474	7,711	49,185	84,649
1921	34,560	521	35,081	22,840	7,918	30,758	68,839
Gananoque.....	10,953	.....	10,953	4,055	1,105	5,160	10,113
1920	10,769	.....	10,769	5,510	49	5,559	16,328
1921	5,297	.....	5,297	4,963	564	5,527	10,824
Goderich.....	35,670	134	35,804	12,667	22,302	34,969	70,773
1920	29,713	609	30,322	25,255	13,022	38,277	68,599
1921	31,763	54	31,817	12,414	22,325	34,739	66,556
Guelph.....	50,549	226	50,775	33,008	5,382	38,390	89,165
1920	52,364	1,307	53,671	58,773	8,039	66,812	120,483
1921	46,413	166	46,579	44,681	17,459	62,140	108,719
Hamilton.....	218,404	3,356	221,760	566,906	98,739	665,045	887,405
1920	214,097	9,319	223,416	633,363	130,437	763,800	987,216
1921	210,424	5,942	216,366	445,497	88,489	533,986	750,352
Ingersoll.....	8,044	.....	8,044	367,182	24,582	391,764	399,808
1920	6,828	.....	6,828	354,215	23,404	377,619	384,447
1921	7,872	.....	7,872	51,337	7,627	58,964	66,836
Kingston.....	63,347	.....	63,347	16,680	19,276	35,956	99,303
1920	70,089	1,753	71,842	27,694	15,035	42,729	114,571
1921	48,783	.....	48,783	24,838	14,954	39,792	88,575
Kitchener.....	61,154	480	61,634	37,158	21,939	59,097	120,731
1920	58,818	347	59,165	57,078	23,186	80,264	139,429
1921	54,440	512	54,952	40,121	17,383	57,504	112,456
Lindsay.....	18,080	.....	18,080	3,883	1,024	4,907	22,987
1920	15,794	140	15,934	13,581	974	14,555	30,489
1921	15,764	45	15,809	7,896	832	8,728	24,537
London.....	146,705	447	147,152	27,254	8,280	35,534	182,686
1920	120,443	6,507	126,950	55,089	25,003	80,002	207,042
1921	141,359	1,728	143,087	52,343	30,634	82,977	226,064
Midland.....	5,950	.....	5,950	126,640	156	126,796	132,755
1920	6,388	51	6,439	237,189	454	237,643	244,082
1921	6,127	.....	6,127	122,432	833	123,265	129,392
Morrisburg.....	5,164	.....	5,164	696	.....	696	5,860
1920	8,538	.....	8,538	4,878	.....	4,878	13,416
1921	4,532	.....	4,532	1,110	.....	1,110	5,642
Napanee.....	9,129	.....	9,129	3,563	423	3,986	13,115
1920	9,205	.....	9,205	5,503	588	6,001	15,296
1921	10,967	.....	10,967	4,351	1,950	6,301	17,268
Niagara Falls.....	67,516	391	67,907	21,368	14,604	35,972	103,879
1920	73,332	5,378	78,710	56,932	18,860	75,792	154,502
1921	108,626	560	109,186	61,899	5,795	67,694	176,880

Table 62.—Imports of Anthracite and Bituminous Coal from United States into the Province of Ontario by Ports of Entry, 1919–20–21—Con.

(Short Tons)

Calendar Years	Anthracite			Bituminous			Total All Grades
	Egg, Nut, etc.	Dust	Total	Round and run- of-mine	Slack	Total	
<i>Central Ontario—Continued</i>							
North Bay.....	28,144	196	28,340	102,341	33,100	135,441	163,781
1920	28,190	356	28,546	202,564	11,184	213,748	242,294
1921	29,908	205	30,113	205,116	20,927	226,043	256,156
Orillia.....	18,645	105	18,750	15,213	836	16,049	34,799
1920	17,329	.....	17,329	27,285	8,133	35,418	52,747
1921	16,379	.....	16,379	19,831	3,337	22,168	38,547
Oshawa.....	22,001	48	22,049	10,277	8,412	18,689	40,733
1920	20,367	.....	20,367	21,652	14,917	36,569	56,936
1921	18,444	91	18,535	8,592	11,591	20,183	38,718
Ottawa.....	278,899	2,534	281,433	199,818	71,041	270,850	552,292
1920	263,328	1,143	264,471	166,986	155,039	322,025	586,496
1921	257,423	393	257,816	134,416	24,346	153,762	416,578
Owen Sound.....	14,431	47	14,478	6,141	531	6,672	21,150
1920	12,174	.....	12,174	20,863	178	21,041	33,215
1921	12,420	71	12,491	12,676	908	13,584	26,075
Paris.....	14,866	144	15,010	2,154	965	3,119	18,129
1920	13,389	278	13,667	12,028	832	12,860	26,527
1921	12,796	174	12,970	4,942	1,994	6,936	19,906
Parry Sound.....	2,507	.....	2,507	378,679	4,465	383,144	385,651
1920	1,770	.....	1,770	522,091	16,702	538,793	540,563
1921	1,803	.....	1,868	523,041	35,707	555,748	560,616
Peterboro.....	43,653	.....	43,653	13,978	3,222	17,200	60,853
1920	26,966	142	27,108	22,471	3,997	26,468	53,576
1921	37,654	.....	37,654	21,441	4,331	25,772	63,426
Picton.....	11,202	128	11,330	3,184	.....	3,184	14,514
1920	12,371	.....	12,371	3,322	.....	3,322	15,693
1921	10,015	.....	10,015	3,203	.....	3,203	13,218
Port Hope.....	11,946	.....	11,946	1,705	4,527	6,232	18,178
1920	12,016	114	12,130	2,637	6,194	8,831	20,961
1921	10,473	32	10,505	1,839	4,667	6,506	17,011
Port McNicoll.....	539	.....	539	17,348	.....	17,348	17,887
1920	281	.....	281	27,122	.....	27,122	27,403
1921	347	.....	347	32,559	.....	32,559	32,906
Prescott.....	26,994	.....	26,994	212,016	18,041	260,057	287,051
1920	25,713	3,105	28,818	306,406	35,357	341,763	370,581
1921	22,481	270	22,751	289,249	29,865	319,114	341,865
St. Catharines.....	61,872	462	62,334	164,765	111,021	275,786	338,120
1920	55,110	4,341	59,451	236,381	134,311	370,692	430,143
1921	49,739	946	50,685	97,403	124,084	221,487	272,172
St. Thomas.....	40,153	573	40,726	157,660	12,472	170,132	210,858
1920	32,724	255	32,979	117,500	17,186	134,686	167,665
1921	35,181	5,153	40,334	174,465	19,466	193,931	234,265
Sarnia.....	8,741	.....	8,741	115,956	110,185	226,141	234,882
1920	8,512	373	8,885	476,617	116,788	593,405	602,290
1921	7,447	56	7,503	425,317	156,804	582,121	589,624
Sault Ste. Marie.....	30,701	43	30,744	602,756	361,304	964,060	994,804
1920	23,517	.....	23,517	1,250,909	164,916	1,415,825	1,439,342
1921	27,328	.....	27,328	557,119	294,555	851,674	879,002
Simcoe.....	2,082	.....	2,082	3,648	149	3,707	5,879
1920	2,100	.....	2,100	6,967	667	7,634	9,734
1921	1,905	.....	1,905	5,225	1,014	6,239	8,144

Table 62.—Imports of Anthracite and Bituminous Coal from United States into the Province of Ontario by Ports of Entry, 1919-20-21—Con.

(Short Tons)

Calendar Years	Anthracite			Bituminous			Total All Grades
	Egg, Nut, etc.	Dust	Total	Round and run-of-mine	Slack	Total	
<i>Central Ontario—Concluded</i>							
Stratford.....	75,672	472	76,144	20,595	57,633	78,228	154,372
1920	63,568	287	63,855	40,875	62,401	103,276	167,131
1921	58,212	142	58,354	22,675	50,471	73,146	131,500
Sudbury.....	14,711		14,711	1,338	344	1,682	16,393
1920	11,204		11,204	2,520	157	2,677	13,881
1921	15,050	52	15,102	3,731	823	4,554	19,656
Tilsonburg.....	2,273		2,273	2,017	1,699	3,716	5,989
1920	3,077		3,077	7,004	3,533	10,537	13,614
1921	3,103		3,103	236,016	10,326	246,342	249,445
Toronto.....	1,102,282	30,069	1,132,351	683,981	264,548	948,529	2,080,880
1920	1,125,540	66,344	1,191,884	1,042,297	447,289	1,489,586	2,681,470
1921	1,057,606	17,020	1,074,626	887,876	404,323	1,292,190	2,366,825
Trenton.....	13,316	40	13,356	5,112	4,612	9,724	23,080
1920	9,198		9,198	8,248	3,743	11,991	21,189
1921	9,849		9,849	5,008	6,821	11,829	21,678
Wallaceburg.....	1,110		1,110	973	259	1,232	2,342
1920	1,912		1,912	37,331	12,996	50,327	52,239
1921	1,928		1,928	15,719	14,826	30,545	32,473
Welland.....	24,775	294	25,069	33,934	7,532	41,466	66,535
1920	23,895	146	24,041	58,596	12,577	71,173	95,214
1921	19,115	133	19,248	102,314	33,577	135,891	155,139
Whitby.....	11,952	71	12,023	1,497	2,382	3,879	15,902
1920	7,603		7,603	2,383	5,005	7,388	14,991
1921	9,895		9,895	3,280	7,699	10,979	20,874
Windsor.....	22,708	235	22,943	821,194	84,082	905,276	928,219
1920	41,362	594	41,956	821,272	98,610	919,882	961,838
1921	38,667	343	39,010	638,075	76,660	714,765	753,775
Woodstock.....	25,484		25,484	9,652	2,582	12,234	37,718
1920	22,030	231	22,261	20,415	1,867	22,282	44,543
1921	24,039	322	24,361	15,901	2,897	18,798	43,159
TOTAL FOR CENTRAL ONTARIO.	2,927,857	59,615	2,978,472	6,201,232	-1,499,703	7,700,935	10,679,407
1920	2,828,893	116,889	2,945,782	8,622,771	1,750,553	10,373,324	13,319,106
1921	2,763,414	45,913	2,809,327	7,004,768	1,729,060	8,733,828	11,513,155
<i>Head of Lakes—</i>							
Fort William.....	346,442		346,442	96,8013	95,780	1,063,793	1,410,235
1920	226,476		226,476	1,313,915	77,794	1,391,709	1,618,185
1921	198,108		198,108	1,199,974	116,181	1,316,155	1,514,263
Port Arthur.....	119,234		119,234	466,074	17,917	483,991	603,225
1920	69,206		69,206	560,965	10,905	571,870	641,076
1921	62,782		62,782	650,150	9,613	659,763	722,545
TOTAL HEAD OF LAKES.	465,676		465,676	1,434,087	113,697	1,547,784	2,013,460
1920	295,682		295,682	1,874,880	88,699	1,963,579	2,259,261
1921	260,890		260,890	1,850,124	125,794	1,975,918	2,236,808
TOTAL FOR ONTARIO	3,393,533	50,615	3,444,148	7,635,319	1,613,400	9,248,719	12,692,867
1920	3,124,575	116,889	3,241,464	10,497,651	1,839,252	12,336,903	15,578,367
1921	3,024,304	45,913	3,070,217	8,854,892	1,854,854	10,709,746	13,779,963

Table 63.—Distribution of Coal through Retail Dealers in the province of Ontario by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21.

(Compiled in Internal Trade Branch.)

(Short Tons)

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous, Lignite and others		1919-20	1920-21
			1919-20	1920-21	1919-20	1920-21		
Acton.	2,422	1,443			79		2,501	1,443
Ailsa Craig.	1,080	627	10	55			1,090	682
Alliston.	1,738	2,320	214	257			1,952	2,586
Alvinston.		533		52				585
Amherstburg.	5,906	2,100	7,138	139	170	23	13,214	2,202
Aurora.	4,878	3,652	534	119	81	195	5,493	3,966
Barrie.	12,439	8,388	1,538	1,126		241	13,977	9,755
Bath.	2,312	1,360	199	243			2,511	1,603
Beaverton.	1,650	704					1,650	704
Beton.	729	345					729	345
Belleville.	28,017	32,656	5,014	3,790	166	290	33,197	26,742
Bowmanville.	7,121	5,911		321			7,121	6,380
Brampton.	7,109	4,392	918	516	213	32	8,270	4,940
Brantford.	51,881	34,959	4,733	6,646	1,899	158	58,513	41,163
Breslau.	686						686	
Brockville.	26,180	28,160	9,800	12,177			35,980	42,424
Brooklin.	1,317	1,381		50	40		1,357	1,431
Brussels.	513	1,003	45				558	1,003
Burlington.	5,327	2,508	381	183	163	53	5,871	2,744
Campbellville.	342	429		45			342	474
Casselman.	444	376		97			444	473
Chatham.	3,302	3,813	981	3,208	88	34	4,371	7,055
Chesley.	2,669	778	50		45		2,704	778
Cobalt.	2,631						2,631	
Cobourg.	8,735	4,535	2,185	2,248			10,920	6,783
Colborne.	1,323	1,119			34		1,357	1,149
Coldwater.	417	112					417	112
Collingwood.	10,217	7,291	3,449	1,005	277	198	13,943	8,497
Cornwall.	6,755	10,082	2,100	1,799			8,855	11,881
Drayton.	1,003	1,656					1,003	1,697
Dundas.	8,189	6,248	575	440	238		9,002	6,688
Elmira.	3,522	2,743	167	236	194	97	3,883	3,076
Elora.	2,933	2,114		32	228	98	3,161	2,244
Embrum.	247	172					247	172
Ethel.	280	212					280	212
Exeter.	1,712	2,184		345			1,712	2,792
Finch.	645	418		49			645	467
Forest.	2,192	2,047	49	137			2,241	2,184
Fort William.	12,880	11,955	5,204	5,220	615	3,356	18,699	20,544
Galt.	20,126	13,886		188			20,126	14,222
Georgetown.	4,328	2,203	245	412	47	129	4,620	2,744
Glencoe.	1,621	1,284					1,621	1,314
Goderich.	7,240	3,248	1,300	403			8,540	3,651
Granton.	1,344	843		154			1,344	997
Grimsby.	4,803	4,590	49	78			4,852	4,668
Guelph.	21,189	22,744	4,919	3,397	737	449	26,845	26,590
Hagersville.	1,297	1,105	638	498	70	282	2,005	1,885
Hamilton.	113,378	149,776	24,645	64,258	6,234	15,547	150,257	229,581
Harriston.	1,431	1,213					1,431	1,213
Ingersoll.	5,543	2,175	333	180			5,876	2,437
Kemptville.	1,586	1,514	213	52			1,799	1,566
Kingston.	51,415	52,355	17,337	5,455	1,439	1,652	70,191	59,466
Kitchener.	19,620	13,322	4,979	4,063	246	417	24,845	17,802
Lindsay.	13,608	6,185	1,618	812	141	57	15,367	7,054
Listowel.	6,171	3,612	356	272	39	103	6,569	4,187
London.	112,064	73,935	21,771	32,381	3,115	1,956	136,950	108,272
Markham.	2,812	1,795		73			82	2,812
Midland.	4,521	8,258	23,087	17,255			11,899	27,608
Millbrook.	4,763	953		47			48	4,763
Milverton.							46	1,048
Mount Forest.	2,441	1,668	87	173	105	44	2,633	1,885
Napanee.	7,593	7,313	330	417			7,923	7,730

Table 63.—Distribution of Coal through Retail Dealers in the province of Ontario by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21—Con.

(Compiled in Internal Trade Branch)—Con.

(Short Tons)

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous, Lignite and others		1919-20	1920-21
			1919-20	1920-21	1919-20	1920-21		
Neustadt.....	439	418	.....	.....	47	.....	486	418
New Hamburg.....	2,306	1,913	.....	100	47	98	2,353	2,111
Newmarket.....	6,053	4,346	204	226	148	.....	6,045	4,572
Niagara Falls.....	10,966	9,578	10,896	2,837	.....	1,142	21,862	13,557
North Bay.....	11,458	10,233	407	1,161	500	56	12,365	11,450
Oakville.....	9,214	6,376	384	895	114	218	9,712	7,489
Orangeville.....	5,111	6,542	.....	396	147	.....	5,258	6,038
Orillia.....	11,123	7,745	743	1,578	678	57	12,550	9,380
Oshawa.....	20,902	13,924	780	614	268	98	21,950	14,636
Ottawa.....	103,100	161,330	21,113	30,029	5,385	3,299	129,508	194,658
Otterville.....	351	343	.....	.....	43	.....	351	356
Owen Sound.....	11,433	9,709	13,742	11,445	167	4,227	25,342	25,471
Palmerston.....	2,752	1,531	.....	.....	50	49	2,802	1,580
Penetanguishene.....	1,512	323	137	170	.....	.....	1,649	502
Perth.....	4,701	4,277	.....	50	72	.....	4,773	4,327
Peterborough.....	32,428	25,336	5,714	3,619	374	930	38,510	29,885
Picton.....	8,503	11,110	132	1,420	99	.....	8,824	12,530
Port Arthur.....	15,083	19,635	7,035	5,170	713	3,252	22,831	28,057
Port Dalhousie.....	3,502	1,317	9,853	2,182	165	116	13,520	3,615
Port Elgin.....	1,935	1,125	.....	53	.....	50	1,935	1,228
Port Hope.....	8,905	5,050	.....	392	202	.....	9,107	5,442
Port Perry.....	3,461	2,285	1,055	43	43	34	4,559	2,362
Prescott.....	9,356	9,062	1,013	428	259	.....	10,628	9,490
Preston.....	6,407	.....	.....	453	.....	.....	6,860	.....
St. Catharines.....	31,727	19,291	536	944	669	258	32,932	20,493
St. Marys.....	11,867	8,637	718	928	.....	222	12,585	9,787
St. Thomas.....	28,169	20,244	1,615	2,130	189	175	29,973	22,549
Sandwich.....	2,075	.....	.....	116,367	.....	42	.....	118,484
Sarnia.....	5,194	2,804	20,607	2,119	351	276	26,152	5,199
Sault Ste. Marie.....	37,114	27,926	78,000	616,000	117	.....	115,240	673,926
Seaforth.....	4,148	3,410	.....	180	55	42	4,203	3,632
Shelburne.....	3,272	1,722	33	48	101	.....	3,406	1,770
Smiths Falls.....	7,180	3,896	88	315	49	.....	7,317	3,911
Stoney Point.....	447	133	80	104	184	.....	527	237
Stratford.....	24,738	15,167	1,050	1,586	.....	.....	25,972	16,753
Strathroy.....	3,523	2,582	368	610	307	310	4,198	3,502
Sudbury.....	8,263	5,917	2,560	2,090	164	87	10,996	8,103
Tavistock.....	1,990	1,725	266	176	.....	.....	2,256	1,901
Toronto.....	545,888	437,253	164,894	110,207	2,947	122,219	714,729	669,679
Trenton.....	10,404	6,276	127	531	28	.....	10,559	6,807
Tweed.....	1,053	309	.....	.....	.....	.....	1,083	399
Uxbridge.....	2,476	1,081	71	.....	.....	33	2,547	1,114
Vankleek Hill.....	1,351	584	.....	.....	.....	.....	1,351	584
Walkerton.....	3,777	3,384	335	252	.....	81	4,112	3,717
Wallaceburg.....	384	965	564	216	77	.....	1,025	1,481
Waterloo.....	21,665	2,423	5,180	353	36	.....	26,881	2,776
Watford.....	2,230	1,370	.....	37	38	39	2,268	1,455
Welland.....	7,319	4,719	863	3,630	154	.....	8,366	8,349
Whitby.....	4,245	1,320	178	292	.....	.....	4,423	1,621
Wiarton.....	643	407	.....	.....	.....	.....	643	407
Winchester.....	1,649	964	.....	.....	.....	.....	1,649	964
Windsor.....	9,956	8,053	5,620	5,853	645	2,163	16,221	16,069
Wingham.....	4,280	2,777	692	173	.....	.....	4,972	2,950
Woodstock.....	14,018	12,037	3,320	3,769	427	188	17,774	15,994
Other Municipalities(462)	396,075	231,707	126,039	37,603	6,863	6,010	528,977	275,320
Total.....	2,126,462	1,717,954	634,233	1,170,340	40,612	75,502	2,801,307	2,963,796

CHAPTER SEVEN.

MANITOBA.

As noted in the preceding chapter it is desirable in considering the coal supply of the province of Manitoba to include data regarding the receipts of coal at the Head of the Lakes inasmuch as the bulk of the coal dumped at the Head of the Lakes finds its way into the province of Manitoba. In 1920 the province of Manitoba received 865,000 tons of Canadian coal from western provinces and through the customs ports of Manitoba there was imported a total of 61,000 tons of coal from the United States comprising 17,500 tons of anthracite and 43,500 tons of bituminous coal. Only 700 tons was exported through Manitoba ports in that year.

The totals for Manitoba and Head of the Lakes show a consumption of 3,199,000 tons in 1920 comprising 2,320,000 tons of United States coal and 880,000 tons of Canadian coal. The imported coal was made up of 2,000,000 tons of bituminous and 313,000 tons of anthracite. In 1921 the apparent consumption of coal in the province of Manitoba (including Head of Lakes) was practically the same as in the preceding year, with the exception that only 688,000 tons of Canadian coal was received. Imports from the United States were almost identical with the quantities imported in the preceding year. Table 64 shows the detail regarding the small tonnages of Canadian coal exported through Manitoba ports in the past three years. Table 65 shows the imports of anthracite and bituminous coal from the United States received at Manitoba ports of entry during the past three years. For convenience there has been included a statement of the receipts at the Head of the Lakes and a separate total has been made to show the imports of coal into Manitoba and the ports at the Head of the Lakes combined.

Table 64.—Exports of Canadian Coal through ports of Manitoba, 1919, 1920, 1921.

(Short tons)

	1919	1920	1921
Brandon.....		17	5
Emerson.....	13	192	1,160
Gretna.....	71	427	425
Winnipeg.....	75	85	100
Total, Manitoba.....	167	721	1,600

Table 66.—Distribution of Coal through Retail Dealers in Manitoba by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21.

(Compiled in Internal Trade Branch)

(Short Tons)

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous, Lignite and others			
			1919-20	1920-21	1919-20	1920-21	1919-20	1920-21
Brandon.....	4,371	2,210	1,548	301	25,232	24,390	31,151	26,901
Deloraine.....	1,173	320	159	0	3,050	2,459	4,362	2,809
Elgin.....	615	254	86	0	253	575	954	829
Grand View.....	34	0	0	0	103	131	137	131
Gretna.....	1,353	1,483	184	0	636	1,154	2,173	2,637
Hamiota.....	982	835	334	122	1,282	986	2,598	1,943
Neepawa.....	303	45	54	0	1,334	702	1,781	747
Portage la Prairie.....	2,644	1,868	1,043	106	4,671	6,825	8,358	8,799
Poirier.....	1,491	836	305	73	1,703	3,326	3,499	4,235
Treherne.....	.....	515	.....	0	.....	1,163	.....	1,650
Winnipeg.....	123,635	75,909	30,911	14,499	52,016	121,373	206,562	211,781
Winkler.....	1,559	1,398	348	33	2,645	3,066	4,552	5,097
Other municipalities (172)	49,647	23,880	16,475	3,155	58,715	80,539	124,837	107,574
Total.....	187,897	109,553	51,447	18,289	151,620	247,321	390,961	375,163

CHAPTER EIGHT.

SASKATCHEWAN.

The annual consumption of coal in the province of Saskatchewan is about 1,500,000 tons, while the annual output is in the neighborhood of 3,500,000 tons. The province imports little from the United States, but regularly receives from 1,000,000 to 1,500,000 tons from the province to the West, more particularly Alberta. The output is entirely lignite coal. Table 67 gives a historical summary of the production of coal in Saskatchewan from 1887 down to date. The output by collieries is shown for each month in the past three years in Table 68. As in the case of the other producing provinces only those mines have been mentioned which had an average output of 500 tons or over per month.

The disposition of the 1920 and 1921 outputs has been tabulated and the data are given by months in Table 69, while corresponding data showing the disposition by grades of coal for 1920-21 have been collected in Table 70. Among the items shown in the disposition tables, the shipments hold possibly the most important place. Shipments of Saskatchewan coal by months during the two years, 1920-21, are shown in Table 71. An analysis of this item showing the quantities of each grade of coal shipped to the several destinations listed has been made in Table 72. The data cover the years 1920 and 1921.

Employees, Salaries and Wages.—The mines of Saskatchewan gave employment to a varying number of men, it being rather characteristic of the coal mining industry in the province that during the summer many mines are closed down, while their owners occupy themselves more profitably in the agricultural industry. For the two years under review the trend of employment reached its lowest ebb in June, 1920, when 248 hands were employed, and its peak in November, 1920, when 632 men found employment in this industry. Tables 73 and 74 show for 1920 and 1921 respectively, the number of employees.

by classes, surface and underground, whose names appear on the pay-rolls of the Saskatchewan mines. In 1921 the data collected were sufficiently complete to permit of a record being made not only of the number of employees, surface and underground, but also the number of man-days' work done by these employees and of the total monthly wages paid by the mine operators. Table 75 shows these data. An interesting deduction from the information given in Table 75 is that each surface worker in the mines of Saskatchewan was employed 194 days on the average during the year, and each underground worker was employed 188 days. For all employees the average number of days' work done by each during the year was 190, and the average wage received, computed in the same way, was \$5.93 per day.

Salaried employees on the coal mines staffs in Saskatchewan numbered 48; of these 44 were males and 4 females. The salaries paid to the several classes of salaried employees have been recorded in Table 76.

Imports and Exports.—The imports of coal into the province of Saskatchewan from the United States are variable in quantity. A total of 1,700 tons was imported in 1920, while in the following year nearly 2,400 tons of United States coal was brought in. The quantities of the several grades of coal imported into Saskatchewan are shown by ports for the past three years in Table 77.

The exports of Canadian coal through the ports of Saskatchewan as compiled from Customs records are shown in Table 78.

Table 67.—Annual Production of Coal in Saskatchewan.*

Calendar Year	Short tons	Value	Calendar Year	Short tons	Value
	i	\$			\$
1887.....	(a) 400	800	1906.....	108,398	164,146
1890.....	200	200	1907.....	151,232	252,437
1891.....			1908.....	150,556	253,790
1892.....	5,400	9,325	1909.....	192,125	296,339
1893.....	8,325	12,485	1910.....	181,156	293,923
1894.....	(b) 15,051	15,153	1911.....	206,779	347,248
1895.....	15,769	31,538	1912.....	225,342	368,135
1896.....	16,706	25,059	1913.....	212,897	358,192
1897.....	25,000	37,500	1914.....	232,299	374,245
1898.....	25,000	37,500	1915.....	240,197	365,246
1899.....	25,000	37,500	1916.....	281,300	441,836
1900.....	40,500	60,750	1917.....	355,445	602,451
1901.....	45,000	72,000	1918.....	346,847	722,148
1902.....	70,400	112,640	1919.....	379,347	819,390
1903.....	116,703	169,618	1920.....	335,222	797,828
1904.....	124,885	187,021	1921.....	335,632	823,180
1905.....	107,596	152,334	Total.....	4,576,709	8,301,957

(a) From Turtle Mountain district, Manitoba.

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

*Note.—Production quantities and values prior to 1919 refer to sales and colliery consumption. For 1919, 1920, 1921, mine output figures are given.

Table 68.—Output by Principal Collieries (Average of 500 tons or over per month) in Saskatchewan by months
for years 1919, 1920, 1921.
(Short Tons)

Collieries	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total	
Bienfait Commercial Co., Ltd.	1919	2,329	2,935	3,140	1,125	1,856	2,908	2,650	3,904	3,860	4,328	5,306	7,287	41,718
	1920	3,412	3,931	2,805	3,479	2,047	2,654	3,654	3,707	3,170	3,008	4,526	4,870	41,263
	1921	3,795	3,422	3,068	2,798	1,857	1,297	2,677	2,440	1,724	1,626	2,804	1,471	28,970
Bienfait Mine.....	1919	3,711	3,489	3,570	2,954	4,132	4,568	5,716	6,427	6,540	8,402	9,500	9,457	68,472
	1920	5,215	4,522	5,408	5,674	4,644	4,703	4,066	4,625	4,904	6,521	10,298	4,800	65,440
	1921	3,801	3,769	3,440	3,114	2,595	2,783	1,730	3,755	3,196	5,051	7,282	4,411	44,927
Crescent Collieries, Ltd.....	1919	557	587	406	726	997	1,138	1,250	990	1,308	1,585	1,279	1,458	12,341
	1920	1,610	1,959	2,500	2,600	2,268	2,730	1,837	2,182	2,589	3,579	5,464	5,877	35,213
	1921	3,612	3,389	2,741	2,253	2,034	2,015	2,022	2,698	1,687	3,032	6,282	4,038	35,801
Estevan Coal and Brick Co., Ltd.	1919	930	480	625	235	500	1,200	1,300	931	1,436	970	885	1,100	10,595
	1920	493	369	248	256	1,356	30	642	723	594	578	654	326	6,263
	1921	343	248	215	234	754	735	764	981	775	807	377	239	6,495
Manitoba and Sask. Coal Co., Ltd.	1919	5,565	4,204	4,352	3,767	3,054	2,597	2,515	3,392	5,371	8,603	11,504	12,547	67,473
	1920	7,555	3,796	4,510	5,088	2,233	.....	.....	.....	.....	2,107	10,353	10,641	46,291
	1921	5,898	4,64	2,861	4,249	2,607	2,150	3,031	4,373	2,927	5,650	9,385	9,385	57,165
Nicholson, H.....	1919	727	482	470	.....	.....	41	305	355	570	1,018	1,553	1,700	7,251
	1920	1,041	812	521	213	176	296	296	426	426	.....	.....	.....	3,518
	1921	723	365	516	287	.....	204	226	241	330	740	1,010	714	5,416
Shand Coal and Brick Co.....	1919	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,454	3,977	4,075	10,506
	1920	1,303	1,337	942	1,142	530	839	866	770	991	2,340	3,991	2,317	17,407
	1921	1,247	1,059	991	403	747	863	345	784	865	1,473	3,723	1,721	14,285
Western Dominion Collieries, Ltd.	1919	8,350	7,380	9,550	5,154	6,337	4,902	5,608	8,961	12,610	15,545	15,212	15,763	115,584
	1920	12,343	8,653	10,828	1,950	4,883	6,294	1,562	2,252	6,479	9,498	12,500	14,033	91,875
	1921	9,290	9,854	10,463	9,140	6,108	5,254	5,083	6,670	7,422	12,274	13,633	13,455	108,712
Sask. Coal B. & P. Co.....	1919	1,585	1,444	1,450	578	792	1,434	607	1,253	1,905	.....	.....	.....	11,138
	1920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1921	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
All other operators.....	1919	6,204	2,907	3,339	989	890	745	701	696	1,652	4,992	5,591	5,503	34,269
	1920	4,272	3,410	1,967	819	273	881	267	450	712	2,437	7,431	5,027	27,952
	1921	3,765	3,879	3,004	1,150	603	459	392	870	1,342	3,805	8,003	6,481	33,852
Total for Saskatchewan.....	1919	29,958	23,908	26,971	15,528	18,558	19,623	20,892	27,005	35,258	47,929	54,807	58,910	379,347
	1920	37,256	28,789	20,732	21,251	18,413	18,436	12,894	14,715	19,865	30,068	55,217	48,580	335,222
	1921	32,474	30,628	27,332	23,721	17,455	15,766	16,270	22,810	20,268	34,458	52,529	41,915	335,632

Table 69.—Disposition of Coal from the Mines of Saskatchewan by months for 1920 and 1921.
(Short Tons)

	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Total
Supplied to employees for domestic consumption.....													
1920	614	522	453	251	131	78	30	37	130	156	687	471	3,500
1921	498	456	419	383	159	116	106	108	189	281	577	561	3,853
Used under colliery boilers.....	1,096	1,037	1,091	1,330	2,347	849	1,340	1,326	1,253	922	1,549	1,605	15,745
1920						1,203	1,093	1,205	1,153	1,159	1,368	1,337	14,776
1921	1,270	1,214	1,290	1,062	1,416								1,576
Used for making briquettes.....		55			248	339	449	317	168				
Used by company's railroads.....	416	318	332	224	239	93	53	77	83	149	313	372	2,669
1920						228	173	151	224	291	265	336	3,250
Shipped (See Table 72).....	34,734	26,615	27,840	19,479	-15,448	10,967	10,981	12,874	18,090	28,660	52,194	45,728	309,610
1920						14,376	15,025	21,050	18,371	32,400	49,554	38,377	309,919
1921	29,753	28,549	25,201	21,925	15,266								
Put on bank.....	10	4	4			33	41	71	133	150	254	197	897
1920						310	79	75	191	319	178	301	2,456
1921	246	200	30	83	444								
Put on waste heap.....	386	238	12			77		13	8	31	220	213	1,198
1920						22	32	70	148	148	159	835	3,456
Total disposition.....	37,256	28,789	29,732	21,284	18,413	18,430	12,894	14,715	19,865	30,068	55,217	48,586	335,255
1920						17,535	16,210	10,530	22,816	20,343	34,049	52,848	337,710
Lifted from bank.....						33							33
1920						222	80	444	260		75	191	319
1921	30	262	59								191	319	2,078
Total Output.....	37,256	28,789	29,732	21,251	18,413	18,436	12,894	14,715	19,805	30,068	55,217	48,586	335,222
1921						17,455	15,766	16,270	22,816	20,268	34,453	52,529	335,632

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Table 70.—Disposition of Coal from the Mines of Saskatchewan by Grades in 1920 and 1921.
(Short Tons)

	1920				1921			
	Run of Mine	Lump	Slack	Total Coal	Run of Mine	Lump	Slack	Total Coal
Supplied to employees for domestic consumption.....	2,617	925	18	3,560	3,067	621	105	3,853
Used under colliery boilers.....	8,109	270	7,366	15,745	5,113		9,063	14,776
Used in making briquettes.....	1,576			1,576				
Used by company's railroads.....	2,669			2,669	3,180		70	3,250
Shipped (See Table 72).....	172,024	99,110	38,476	309,610	178,456	99,053	32,410	309,919
Put to stock.....	830	67		897	2,372	71	13	2,456
Put on waste heap.....	48	47	1,103	1,198	562		2,894	3,456
Total disposition.....	187,873	100,452	46,963	335,255	192,750	99,745	45,215	337,710
Lifted from bank.....		33		33	1,943	74	61	2,078
Total Output.....	187,873	100,419	46,963	335,222	190,807	99,671	45,154	335,632

Table 71.—Shipments of Coal from the Mines of Saskatchewan by months and Destinations, 1920 and 1921.
(Short Tons)

Destination	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total
Saskatchewan.....													
1920	10,950	12,257	12,554	10,418	8,173	9,349	5,841	6,196	8,912	15,011	28,080	24,821	158,592
1921	13,750	12,168	10,113	8,407	6,328	7,728	5,329	10,550	10,377	18,780	29,602	20,136	153,308
Alberta.....				41	109	101	122	187	39				599
British Columbia.....				2,197									2,197
Manitoba.....				17,784	14,358	13,182	8,922	7,174	7,496	4,953	6,620	9,178	13,649
1920												24,114	20,907
1921												19,606	18,057
Ontario.....				15,838	10,201	12,561	13,518	8,938	6,638	9,563	10,474	7,994	13,665
1920													2,063
1921													
United States.....				165									44
Railroads*.....					180								374
Total.....													
1920	34,734	20,615	27,840	19,479	15,448	16,967	10,981	12,874	18,090	28,660	52,194	45,728	309,610
1921	29,753	28,519	25,201	21,925	15,266	14,376	15,025	21,056	18,371	32,400	49,554	38,377	309,919

* Not separately shown in 1920.

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Table 72.—Shipments of Coal from the Mines of Saskatchewan by Grades and Destinations for 1920 and 1921.
(Short Tons)

Destination	1920				1921			
	Run of Mine	Lump	Slack	Total Coal	Run of Mine	Lump	Slack	Total Coal
Saskatchewan.....	78,394	64,000	15,289	153,592	78,501	65,915	8,862	153,308
Alberta.....	599			599				
British Columbia.....					1,747	71	379	2,197
Manitoba.....	87,010	38,159	23,187	148,356	97,854	32,404	23,125	153,333
Ontario.....	2,063			2,063	330	44		374
United States.....					354			354
Railroads.....					303			303
Total.....	168,066	103,068	35,476	309,610	178,456	99,053	32,410	309,919

Table 73.—Number of Employees in the Coal Mines of Saskatchewan by Classes for each month in 1920 and for the year.

Classification	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Average
Administration and supervision—													
Surface.....	9	9	8	9	8	9	8	8	7	10	12	12	9
Underground.....	7	6	5	7	6	5	4	4	4	6	9	8	6
Clerical assistance—													
Surface.....	8	8	8	8	8	7	8	7	7	8	9	9	8
Underground.....									1				
Miners and helpers—													
Surface.....	33	28	28	40	31	26	20	21	27	50	59	52	35
Underground.....	330	253	227	142	126	141	84	107	122	250	389	392	211
Haulage employees—													
Surface.....	5	7	12	9	4	6	5	5	3	5	9	8	6
Underground.....	38	34	27	22	13	17	11	11	11	18	26	26	21
Mechanics and skilled labour—													
Surface.....	16	16	17	19	14	14	7	7	10	26	23	23	16
Underground.....	6	2	1	2	4	1	3	—	1	1	3	2	2
Other employees—													
Surface.....	41	22	28	84	24	28	202	181	94	97	45	46	74
Underground.....	38	18	24	22	14	23	5	5	6	10	48	18	20
All employees.....	112	90	101	169	89	90	250	229	148	166	157	150	148
Surface.....	425	313	284	195	163	158	107	128	144	285	473	446	260
Total.....	537	403	385	364	252	248	357	357	292	481	632	596	408

Table 74.—Number of Employees in the Coal Mines of Saskatchewan by Classes for each month in 1921 and for the year.

Classification	January	February	March	April	May	June	July	August	September	October	November	December	Average
Administration and supervision—													
Surface.....	12	11	12	11	10	9	8	10	12	11	10	11	11
Underground.	9	9	9	6	7	6	6	5	6	5	7	12	8
Clerical assistance—													
Surface.....	9	9	10	11	10	10	9	9	9	10	12	10	10
Miners and helpers—													
Surface.....	51	30	26	26	28	27	37	25	5	4	6	4	22
Underground.	353	325	284	231	203	192	184	167	195	286	397	372	267
Haulage employees—													
Surface.....	5	6	15	14	11	11	12	11	12	16	24	24	13
Underground.	24	21	20	14	11	11	12	19	15	21	26	28	18
Mechanics and skilled labour—													
Surface.....	23	20	16	14	15	13	14	14	18	17	18	16	16
Underground.	3	2	1	.....	.....	1	.....	5	1	1	3	1	1
Other employees—													
Surface.....	29	40	37	60	67	58	22	20	64	83	83	80	54
Underground.	12	11	6	5	6	5	5	20	20	27	35	32	15
All employees—													
Surface.....	129	116	116	136	141	128	102	89	120	141	153	145	126
Underground.	401	368	320	256	227	215	207	216	237	340	468	445	309
Total.....	530	484	436	392	368	343	309	305	357	481	621	590	435

Table 75.—Number of Employees, Work done, and Wages paid by months in the Coal Mines of Saskatchewan for year 1921.

Month	Number of Employees			Days' Work Done			Total Wages Paid
	Surface	Under- ground	Total	Surface	Under- ground	Total	
January.....	129	401	530	1,992	6,450	8,442	\$ 47,186
February.....	116	368	484	1,794	5,395	7,189	45,251
March.....	116	320	436	1,787	4,702	6,489	42,090
April.....	136	256	392	2,113	3,765	5,878	37,382
May.....	141	227	368	2,050	2,935	4,985	31,478
June.....	128	215	343	1,929	2,759	4,688	27,092
July.....	102	207	309	1,190	2,497	3,687	30,037
August.....	89	216	305	1,303	3,304	4,607	33,682
September.....	120	237	357	1,573	3,077	4,650	31,171
October.....	111	310	481	2,863	6,107	8,970	44,005
November.....	153	468	621	3,283	9,474	12,757	65,079
December.....	145	415	590	2,635	7,646	10,231	55,243
Total.....				24,512	58,111	82,623	\$ 489,696
Average.....	126	309	435	194 days per year	188 days per year	150 days per year	\$5.93 per day

Table 76.—Salaried Employees on the Coal Mine Staffs in Saskatchewan, 1921.

	Male	Female	Total Salaries
Salaried officers of corporation.....	3		\$ 11,800
General superintendents, managers.....	14		44,100
Technical experts, accountants.....	8		12,821
Clerks, stenographers, salesmen.....	19	4	31,529
Total.....	44	4	100,340

Table 77.—Imports of Anthracite and Bituminous Coal into the province of Saskatchewan from United States, by Ports of Entry.

(Short Tons)

Port and Calendar Year	Anthracite			Bituminous			Total all Grades
	Egg, Nut, etc.	Dust	Total	Round and run- of-mine	Slack	Total	
Moose Jaw.....				492	178	670	670
1919				182		182	182
1920				500	601	1,101	1,222
1921	121		121				
North Portal.....				5		5	5
1919				81		81	120
1920	45		45				
1921				39		39	39
Prince Albert.....				45	51	96	96
1919							
1920							
1921					162	162	162
Regina.....				300	25	325	325
1919				130		130	247
1920	117		117				
1921	133		133	71	379	450	583
Saskatoon.....				247	63	310	310
1919				142		142	186
1920	44		44				
1921				35	340	375	375
Total, Saskatchewan.....				1,080	317	1,406	1,406
1919						535	741
1920	162	44	206				
1921	254		254	645	1,482	2,127	2,381

Table 78.—Exports of Canadian Coal through the Ports of Saskatchewan, 1919-20-21.

(Short Tons)

Ports	1919	1920	1921
Moose Jaw.....			120
North Portal.....	359	3,100	2,510
Regina.....	30	32	3
Total.....	389	3,132	2,633

Table 79.—Distribution of Coal through Retail Dealers in the province of Saskatchewan by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21.

(Compiled in Internal Trade Branch)
(Short Tons)

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous Lignite and Others		1919-20	1920-21
			1919-20	1920-21	1919-20	1920-21		
Abbey...	83	113	129	32	1,596	1,628	1,808	1,773
Aberdeen...	358	62	210	31	1,713	1,417	2,281	1,540
Alsask...	106	81	71	.....	2,296	1,386	2,473	1,467
Aneroid...	277	251	65	.....	1,425	1,567	1,767	1,818
Arcola...	353	174	310	.....	2,003	2,495	2,666	2,667
Antler...	448	.....	.....	.....	989	.....	.....	1,437
Ardath...	235	.....	78	954	944	1,189	1,022	.....
Asquith...	239	194	.....	1,762	1,337	2,001	1,531	.....
Assiniboia...	549	232	345	.....	4,236	2,499	5,130	2,731
Aylesbury...	234	33	110	.....	1,088	732	1,432	765
Balcarres...	223	34	.....	.....	856	565	1,079	599
Bengough...	65	.....	47	.....	671	500	783	500
Bethune...	345	79	117	.....	568	241	1,031	320
Biggar...	77	146	306	.....	4,010	5,751	4,393	5,897
Borden...	180	94	.....	1,001	905	1,181	909	.....
Bradwell...	43	.....	.....	.....	468	.....	.....	511
Broadview...	487	207	1,042	.....	799	1,174	2,328	1,381
Brock...	70	.....	154	73	786	916	1,010	989
Broderick...	204	208	32	.....	1,247	1,336	1,483	1,544
Brownlee...	155	90	127	.....	812	1,069	1,094	1,159
Cabri...	330	146	342	143	3,444	2,976	4,116	3,265
Cadillac...	112	44	32	.....	1,413	2,319	1,557	2,363
Carievale...	34	122	.....	.....	1,472	1,524	1,594	1,558
Carmichael...	64	.....	.....	.....	621	1,083	685	1,083
Central Butte...	464	185	127	.....	1,060	556	1,651	741
Ceylon...	104	101	354	.....	1,100	1,045	1,558	1,119
Conquest...	187	33	177	.....	4,208	773	4,572	806
Consul...	36	.....	.....	.....	741	915	777	915
Craik...	724	224	452	39	3,111	2,813	4,287	3,076
Cupar...	563	199	140	33	1,018	1,890	1,720	2,122
Denholm...	35	28	.....	3	382	586	417	620
Dilke...	221	30	89	.....	626	458	936	488
Dinsmore...	66	65	305	.....	203	485	580	550
Donavon...	104	31	576	.....	779	532	1,459	563
Drake...	85	67	.....	.....	332	435	420	502
Dumblane...	272	65	80	3	1,349	706	1,701	774
Earl Grey...	207	33	47	46	1,621	1,336	1,965	1,415
East End...	183	134	319	.....	2,123	3,072	2,625	3,206
Elbow...	591	129	232	95	1,275	1,100	2,102	1,324
Elrose...	494	65	954	228	1,491	1,238	2,936	1,531
Ernfold...	132	.....	97	.....	733	996	962	996
Eston...	173	95	82	.....	1,045	1,215	1,300	1,310
Estuary...	97	146	167	.....	2,973	2,521	3,237	2,667
Eyebrow...	177	32	.....	.....	963	1,220	1,140	1,252
Fielding...	84	32	.....	.....	547	561	631	593
Fillmore...	343	310	138	.....	1,575	1,899	2,058	1,209
Fiske...	70	.....	.....	.....	912	1,064	982	1,064
Flaxcombe...	43	.....	113	96	1,303	443	1,459	539
Forgan...	68	64	33	.....	486	497	587	561
Forget...	73	64	200	.....	1,633	1,402	1,966	1,466
Gilroy...	69	31	.....	.....	565	800	634	831
Girvan...	259	64	35	.....	1,728	1,450	2,022	1,514
Glen Ewen...	22	.....	.....	.....	2,103	.....	.....	2,135
Gouverneur...	46	12	87	.....	744	857	877	869
Govan...	1,287	547	455	.....	1,664	2,113	3,706	2,660
Gravelburg...	727	95	1,071	.....	3,417	3,645	5,245	3,710
Guernsey...	204	74	207	.....	1,006	1,235	1,507	1,390
Gull Lake...	277	209	237	32	2,396	3,174	2,910	3,415
Hafford...	97	.....	.....	.....	936	296	1,033	296
Hanley...	390	195	168	.....	2,392	2,029	2,890	2,224
Harris...	396	163	90	4	2,079	2,253	2,565	2,420
Eaton...	.....	32	.....	.....	948	.....	.....	980
Hatton...	66	43	175	.....	1,985	1,949	2,226	1,992

Table 79.—Distribution of Coal through Retail Dealers in the province of Saskatchewan by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21—Con.

(Compiled in Internal Trade Branch)—Con.

(Short Tons)

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous Lignite and Others		1919-20	1920-21
			1919-20	1920-21	1919-20	1920-21		
Hawarden.....	327	95	270	147	1,327	2,007	1,924	2,849
Hazenmore.....	201	166	239	.....	1,309	1,658	1,809	1,824
Herbert.....	396	163	365	.....	3,561	3,645	4,322	3,508
Holdfast.....	214	80	47	.....	703	1,231	1,024	1,311
Howell.....	.....	.....	.....	.....	65	200	65	200
Hughton.....	369	67	70	.....	725	705	1,164	772
Humboldt.....	474	106	151	.....	2,773	3,173	3,398	3,279
Imperial.....	1,075	171	36	.....	1,347	1,016	2,458	1,187
Indian Head.....	1,736	988	515	.....	3,012	3,596	5,283	4,584
Kandahar.....	196	.....	.....	.....	626	166	822	166
Keeler.....	313	48	106	.....	1,050	758	1,469	806
Kelfield.....	107	.....	46	.....	245	1,575	398	1,575
Kerrobert.....	222	81	179	.....	3,439	2,896	3,840	2,977
Kincaid.....	274	208	327	.....	1,414	2,144	2,015	2,352
Kindersley.....	482	175	402	.....	4,618	3,506	5,502	3,681
La Fleche.....	441	72	84	14	1,491	1,577	2,016	1,663
Laird.....	70	45	.....	.....	529	624	599	669
Lancer.....	65	.....	.....	.....	724	919	789	919
Landis.....	105	63	106	.....	1,074	959	1,285	1,022
Lang.....	679	229	107	.....	1,278	1,641	2,064	1,870
Langham.....	91	108	.....	.....	1,000	1,226	1,091	1,334
Lanigan.....	243	33	11	.....	943	1,016	1,197	1,010
Lawson.....	67	116	124	.....	363	984	554	1,100
Leader.....	351	214	278	.....	1,641	2,010	2,273	2,224
Leney.....	35	.....	.....	.....	460	478	495	473
Leslie.....	.....	47	.....	.....	.....	519	.....	566
Limerick.....	220	125	282	.....	1,229	1,837	1,731	1,962
Lloydminster.....	32	92	208	158	5,264	4,594	5,501	4,844
Lockwood.....	587	112	854	.....	629	747	2,070	859
Loreburn.....	374	77	.....	1	1,202	1,254	1,576	1,332
Loverna.....	185	63	.....	.....	1,684	1,153	1,869	1,216
Luseland.....	466	250	412	.....	2,141	2,204	3,019	2,454
Macklin.....	252	100	158	32	1,668	1,711	2,078	1,843
Macoun.....	32	.....	183	.....	1,583	1,280	1,798	1,280
Macrorie.....	271	72	43	.....	1,391	531	1,705	603
Madison.....	118	.....	.....	.....	605	710	723	710
Maidstone.....	.....	.....	.....	.....	881	1,361	881	1,361
Major.....	174	154	179	33	865	432	2,118	619
Maple Creek.....	33	113	296	.....	5,761	5,265	6,090	5,378
Mazenod.....	32	32	.....	.....	863	1,040	895	1,072
Melfort.....	570	190	202	41	2,150	2,046	2,922	2,277
Melville.....	870	1,125	481	.....	4,333	3,945	5,684	5,070
Meyronne.....	102	.....	479	62	931	1,283	1,512	1,345
Midale.....	163	120	68	.....	1,111	808	1,342	928
Milden.....	550	120	51	.....	1,089	1,263	1,090	1,383
Milestone.....	306	48	546	79	1,432	1,729	2,284	1,856
Montmartre.....	204	31	182	.....	569	768	955	799
Moose Jaw.....	2,780	2,210	2,875	187	43,540	36,451	49,195	38,848
Moosomin.....	941	369	65	.....	3,381	2,055	4,387	2,424
Morse.....	392	283	789	.....	3,675	3,586	4,856	3,869
Mossbank.....	401	44	295	.....	1,341	1,293	2,037	1,337
Netherhill.....	126	.....	269	105	511	723	906	828
Neudorf.....	214	96	.....	.....	276	291	490	357
Neville.....	128	65	113	.....	1,162	619	1,403	684
Nokomis.....	629	306	123	.....	2,267	2,100	3,019	2,490
North Battleford.....	734	247	503	.....	1,501	5,311	2,740	5,558
Osage.....	379	113	60	.....	830	1,265	1,278	1,378
Palmer.....	218	33	306	.....	759	1,155	1,283	1,188
Pennant.....	138	44	162	.....	1,859	1,062	2,159	1,106
Piapot.....	118	.....	125	.....	786	1,207	1,029	1,207
Pinkham.....	.....	39	.....	.....	.....	295	.....	334
Ponteix.....	30	31	.....	.....	1,365	1,276	1,395	1,297
Port Reeve.....	45	.....	.....	.....	580	645	625	645

Table 79.—Distribution of Coal through Retail Dealers in Saskatchewan by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21.—Con.

(Compiled in Internal Trade Branch)—Con.

(Shorts Tons)

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous Lignite and Others		1919-20	1920-21
			1919-20	1920-21	1919-20	1920-21		
Saskatchewan—Concluded								
Prelate	246	68	122	41	2,064	1,403	2,432	1,512
Prince Albert	516	141	2,641	.....	8,658	9,195	11,815	9,336
Radisson	575	95	96	.....	1,860	959	2,531	1,054
Radville	178	133	652	.....	2,680	2,143	3,510	2,276
Readlyn	126	63	255	30	1,096	1,092	1,477	1,185
Redvers	481	104	1,188	.....	1,124	1,277	2,793	1,381
Regina	7,196	3,266	7,841	1,032	50,148	48,994	65,185	53,292
Revenue	58	.....	.....	.....	754	195	812	195
Richlea	.....	41	.....	.....	.....	842	.....	883
Riverhurst	824	382	626	.....	2,450	1,847	3,909	2,220
Robarts	.....	.....	.....	.....	682	923	682	923
Rockhaven	79	.....	168	.....	848	568	1,095	568
Rosetown	94	237	437	261	2,915	2,370	3,446	2,868
Rush Lake	122	.....	88	.....	608	421	818	421
Rouleau	.....	361	.....	.....	.....	6,367	.....	6,728
Ruddell	.....	.....	.....	.....	.....	562	.....	562
Salvador	192	72	93	1	5,105	1,550	5,350	1,623
Saskatoon	2,393	382	2,096	6	29,929	19,640	34,418	20,028
Sceptre	117	32	335	.....	2,229	1,828	2,681	1,851
Scotsguard	82	78	148	.....	864	953	1,094	1,031
Shackleton	46	34	132	.....	1,081	920	1,256	954
Shaunavon	443	283	53	.....	3,518	5,468	4,019	5,751
Southey	456	126	160	.....	1,185	1,826	1,801	1,952
Sovereign	84	33	164	.....	547	417	795	450
Speers	.....	.....	.....	.....	861	1,116	861	1,110
Springwater	115	.....	.....	.....	875	375	990	379
Star City	.....	77	.....	.....	.....	1,182	.....	1,266
Stockholm	.....	.....	.....	.....	.....	179	.....	179
Stoughton	254	105	78	.....	3,083	2,280	3,415	2,385
Stranrear	19	.....	.....	.....	.....	329	654	348
Strassburg	673	241	312	75	1,525	1,414	2,510	1,730
Success	.....	.....	.....	.....	1,342	732	1,342	732
Swanson	165	.....	75	.....	660	162	900	162
Swift Current	46	311	521	.....	5,221	4,597	5,788	4,908
Tessier	183	.....	.....	.....	933	942	1,116	942
Tisdale	.....	158	.....	.....	.....	401	.....	559
Tramping Lake	82	.....	.....	.....	1,097	384	1,179	384
Tugaske	246	80	235	33	926	2,134	1,407	2,247
Tuxford	488	114	92	.....	877	1,523	1,417	1,637
Unity	88	.....	262	.....	2,087	2,584	2,437	2,584
Viceroy	130	32	144	.....	1,540	1,170	1,814	1,202
Vidora	35	16	.....	.....	607	632	642	648
Viscount	496	185	.....	79	2,277	2,363	2,773	2,627
Wadena	354	219	.....	.....	700	494	1,054	713
Waldeck	.....	34	.....	.....	900	1,383	900	1,417
Watrous	1,060	363	179	.....	2,174	2,940	3,413	3,303
Webb	175	.....	445	232	1,609	1,755	2,229	1,987
Wilkie	340	33	284	.....	2,056	1,050	2,680	1,113
Wiseton	199	71	35	30	1,186	1,308	1,420	1,409
Woodrow	78	32	47	.....	1,252	1,442	1,377	1,474
Wynmark	119	.....	.....	.....	1,169	1,711	1,288	1,711
Zealaudia	568	159	.....	.....	1,140	1,275	1,708	1,434
Other Municipalities (441)	46,485	18,884	24,184	1,618	234,535	200,483	305,204	229,985
Total	102,298	43,369	68,679	5,233	616,131	584,547	787,108	633,149

CHAPTER NINE.

ALBERTA.

Output and Distribution.—The province of Alberta reached the premier position among the coal-producing provinces of Canada in 1920, when the total output of all kinds of coal from the mines of the provinces amounted to 6,907,765 tons. This position was maintained in 1921 although the output from Alberta mines declined to 5,909,217 tons. Anthracite, bituminous and lignite coals are all produced within the province. The production of anthracite though small is an important contribution to the coal production. A total of 127,000 tons of anthracite was mined in 1920 while in 1921 the output declined to 97,000 tons. About equal quantities of bituminous and lignite coals are produced each year. The province annually ships to other Canadian provinces about 2,000,000 tons of its output and also exports considerable quantities to the United States. Data regarding the export of Alberta coal are not very satisfactory as the Customs records show only the port of exit and practically all Alberta's export coal is cleared from Customs through the British Columbia ports of Fernie and Cranbrook and as a consequence the exports of Canadian coal as compiled from Customs records indicate a larger movement of coal for export trade from British Columbia than is actually shipped from British Columbia mines. The apparent consumption of coal in Alberta was 4,879,000 tons in 1920 and 4,183,000 tons in 1921.

The annual output of all kinds of coal from Alberta mines from 1886 to 1921 as compiled from the reports issued by the Mines Branch, and from data collected by the Bureau is given in Table 80.

The provincial Government has found it convenient to divide Alberta into a number of districts and this classification has been adopted by the Bureau and is used in the present report. Table 81 shows the output of coal by months for the past three years from each of these districts. A second compilation of the output has been made in Table 82 which shows for each of the principal collieries, the monthly output of coal in each of the past three years. Only those collieries which produce on the average 500 tons a month or over have been separately itemized. It will be observed that the mines producing anthracite coal, bituminous coal, and lignite coal have been shown in separate groups. Data regarding the disposition of the output including the quantity shipped, coal used about the colliery, supplied to the employees, used by collieries, etc., have been collected in a series of tables, each intended to bring out different features of the subject. Table 83 presents a record of the disposition of coal from Alberta mines by months for the two years 1920-1921. An analysis of these data to show the disposition of all kinds of coal during 1920-1921 is given in Table 84 and similar tables, one for anthracite, a second for bituminous and a third for lignite coal, each table covering two years are given in Tables 85, 86 and 87.

Four tables have been prepared dealing with the shipments of coal from Alberta mines. Table 88 shows the quantities of each grade of coal by destinations for 1920 and 1921. Tables 89, 90 and 91 present an analysis of the total shipments, the first of these three tables dealing with anthracite coal, the second bituminous coal and the third lignite coal. In each of these three tables the data on shipments cover both years 1920-1921. The shipments of Alberta coal to points within the province amounted to 3,707,000 tons in 1920 and only 1,351,000 tons in 1921. Shipments to British Columbia in each year were about 125,000 tons, while Saskatchewan received about 1,250,000 tons of Alberta coal. Approximately 500,000 tons was shipped into Manitoba in

each year and about 12,000 tons as far east as Ontario. The item of shipments to the United States shown in these tables is the quantity reported as having been shipped to that country by the operators, the data given do not correspond with the Customs records of exports since as previously noted most of the Alberta coal shipped to the United States is cleared through British Columbia ports. To make the present report absolutely accurate the shipments to the United States cleared through British Columbia ports should be shown as shipments to British Columbia, and in succeeding reports it is possible that this slight discrepancy may be eliminated. A record of the monthly shipments of all grades of coal from the mines of Alberta is given in Table 92.

Employees, Salaries and Wages.—Tables 93 and 94 show the number of employees on the pay-rolls of Alberta coal mines for each month during 1920 and 1921 respectively. The lowest number on the rolls during the two years was in April, 1920 when 7,019 men were employed comprising 2,509 surface employees and 4,510 underground workers. In each year the months from March to July, inclusive, show the smallest number of employees. The number of workers reached a maximum for the two years in December, 1920 when 12,277 names appeared on the rolls. Of these 3,609 men were employed on the surface and 8,668 underground. Table 95 shows the total number of days' work done by all employees in Alberta coal mines in 1921, and from the data given it has been deduced that each surface worker was employed on the average 248 days during the year, each underground employee worked 204 days, and the average time worked during the year by each employee (including both surface and underground) was 217 days. Computed on the basis of the total number of days' work done and the total wages paid the average rate of pay was \$7.63 per day.

Salaried employees on the coal mines staffs numbered 665 and included 42 female employees. The number of salaried employees in each of the several classes, and the total salaries paid during the year are given in Table 96.

Imports and Exports.—Imports of coal from the United States during the past three years, are shown by ports of entry in Table 97, and the data from the Customs records showing the exports of Canadian coal through the Alberta ports of exit in the same years are given in Table 98. The notation previously made regarding the export of Alberta coal through British Columbia ports is to be kept in mind in reading this table.

Table 80.—Annual Production of Coal in Alberta.*

Calendar Year	Short tons	Value	Calendar Year	Short tons	Value
1886.....	43,220	\$ 81,112	1906.....	1,246,360	2,614,762
1887.....	74,152	157,577	1907.....	1,591,579	3,836,286
1888.....	115,124	183,354	1908.....	1,685,661	4,127,311
1889.....	97,364	179,640	1909.....	1,994,741	4,838,109
1890.....	128,753	198,298	1910.....	2,894,469	7,065,736
1891.....	174,131	437,243	1911.....	1,511,036	3,979,264
1892.....	178,970	460,605	1912.....	3,240,377	8,113,525
1893.....	230,070	586,260	1913.....	4,014,755	10,418,941
1894.....	181,940	473,827	1914.....	3,683,015	9,350,392
1895.....	169,885	382,526	1915.....	3,360,818	8,253,079
1896.....	209,162	581,832	1916.....	4,559,054	11,386,577
1897.....	242,163	630,408	1917.....	4,736,368	14,153,685
1898.....	315,088	787,720	1918.....	5,972,816	20,537,287
1899.....	309,600	774,000	1919.....	4,933,660	18,205,205
1900.....	311,450	778,625	1920.....	6,907,765	30,186,933
1901.....	340,275	850,687	1921.....	5,900,217	27,216,514
1902.....	402,819	960,601	Total.....	63,858,599	197,363,901
1903.....	495,893	1,117,541			
1904.....	661,732	1,404,524			
1905.....	931,947	1,993,915			

*NOTE.—Production quantities and values prior to 1919 refer to sales and colliery consumption. For 1919, 1920, 1921, mine output figures are given.

Table 81.—Output of Coal by Districts for the Province of Alberta, 1919, 1920, 1921.
(Short Tons)

4G199
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	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total
<i>Alberta—</i>													
<i>ANTHRACITE—</i>													
Banff.....	10,583	9,233	11,080	10,322			726	2,504	8,624	11,300	10,450	10,757	85,579
1920	12,146	10,791	10,849	11,305	11,418	11,286	10,130	11,247	8,183	9,304	9,526	11,238	127,513
1921	9,219	6,106	8,954	9,772	5,368	6,973	8,635	6,072	8,244	10,652	8,353	8,616	96,964
<i>BITUMINOUS—</i>													
Brazeau.....	39,324	33,621	38,585	29,965	28,100	1,968	2,357	3,649	31,220	34,369	30,777	34,755	308,795
1920	37,627	35,407	34,012	37,646	29,618	39,575	38,296	42,662	38,138	28,082	42,752	49,886	455,821
1921	48,952	49,509	55,479	37,086	15,771	15,894	35,553	45,683	50,133	36,091	40,026	49,082	479,259
Canmore.....	22,977	22,203	24,011	20,056	15,011			4,083	20,321	24,528	25,384	22,015	200,670
1920	26,460	24,611	18,399	8,235	21,516	24,604	23,552	24,015	24,787	23,975	27,577	27,692	275,513
1921	15,926	17,346	14,015	11,783	13,777	17,120	16,985	20,944	22,413	19,613	18,543	17,806	206,271
Crows Nest Pass.....	138,770	130,053	144,255	100,917	93,004	190	617	10,257	107,441	150,170	146,412	142,780	1,165,856
1920	151,169	148,620	105,802	77,809	134,816	153,788	157,554	158,443	164,390	165,545	182,578	174,877	1,775,481
1921	123,395	106,972	81,205	61,503	97,399	100,458	104,063	139,356	108,204	118,995	119,627	115,394	1,282,571
Jasper Park.....	23,586	21,724	21,245	20,955	3,078	45	14	14	2,706	9,458	22,529	20,440	145,827
1920	20,405	19,241	26,851	21,128	19,553	15,190	7,873	11,478	18,685	22,915	25,892	26,797	236,008
1921	26,976	23,326	11,735	12,308	7,091	7,920	17,734	24,656	24,516	23,768	33,853	35,832	250,618
Mountain Park.....	34,070	35,173	29,188	30,388	19,958			2,411	22,754	33,492	33,679	30,438	271,551
1920	22,717	35,035	21,527	15,979	15,000	14,484	18,375	19,489	16,134	15,561	23,746	25,318	241,368
1921	26,766	19,700	30,506	18,464	12,928	17,347	33,505	44,985	41,475	43,392	46,343	19,306	354,777
Yellowhead Pass.....	25,794	21,331	21,230	13,317	10,124	307	1,959	11,195	24,341	24,546	19,784	19,321	193,249
1920	34,366	34,570	37,263	34,098	34,501	35,205	38,392	41,351	34,644	36,141	37,408	35,117	436,956
1921	32,690	31,455	32,758	22,384	19,033	16,258	23,009	32,227	26,640	11,690	14,868	30,705	294,337
<i>Total Bituminous....</i>	<i>284,581</i>	<i>265,095</i>	<i>278,514</i>	<i>215,601</i>	<i>169,464</i>	<i>2,610</i>	<i>4,947</i>	<i>31,600</i>	<i>208,789</i>	<i>276,593</i>	<i>278,565</i>	<i>269,749</i>	<i>2,285,957</i>
1920	292,741	297,574	243,884	195,885	253,004	285,036	284,042	297,438	296,778	292,222	339,953	339,687	3,419,147
1921	274,705	248,363	225,698	163,528	166,922	180,997	231,449	307,851	273,381	253,549	273,260	268,125	2,867,833
<i>LIGNITE—</i>													
Allisryde.....	467	304	430	148	230	226	321	388	902	1,444	1,110	1,163	7,129
1920	641	604	513	426	240	459	323	450	664	1,118	1,617	1,187	8,242
1921	679	463	592	342	337	337	383	441	688	2,208	1,512	1,168	9,150
Battle River.....	1,218	1,214	1,035	10	75			75	230	1,005	2,281	3,097	10,165
1920	2,230	2,273	1,340	200	18	77	33	123	67	1,063	2,670	2,774	13,478
1921	3,217	2,555	1,279	60	65	119	80	142	564	3,330	4,604	2,959	18,974

Table 81.—Output of Coal by Districts for the Province of Alberta, 1919, 1920, 1921—Con.
(Short Tons)

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	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total
<i>Alberta—(concluded)—</i>													
<i>Lignite—Concluded.</i>													
Big Valley.....	5,368	1,871	2,644	1,214	254	201	153	2,699	3,754	4,857	5,404	6,165	34,584
1920	4,952	4,436	2,432	634	111	290	3,212	5,168	6,577	7,721	8,135	8,777	52,445
1921	6,758	6,652	5,688	2,955	1,909	300	3,921	5,642	7,497	3,725	6,355	5,493	56,925
Bow Island.....	404	216	426	240	209	218	234	231	661	1,706	1,414	979	6,933
1920	509	525	481	308	194	311	232	141	579	1,174	1,412	515	6,361
1921	333	215	308	207	125	109	72	130	540	1,553	807	523	4,922
Brooks.....	718	506	755	151	257	362	393	334	897	1,366	1,044	1,493	8,366
1920	1,483	1,522	554	375	312	599	333	467	1,155	1,854	2,917	2,347	13,918
1921	1,473	1,261	1,075	485	464	480	455	757	1,201	2,808	1,897	2,165	14,521
Camrose.....	5,784	5,569	6,705	2,018	2,007	5,867	6,297	6,840	6,987	9,903	13,025	14,006	85,008
1920	11,372	4,527	4,999	4,122	2,441	2,578	865	4,895	7,019	7,788	11,842	9,943	72,391
1921	9,049	6,204	5,735	2,702	1,792	1,963	814	4,467	7,233	7,610	11,794	11,372	70,785
Carbon.....	74	54	69	.....	.....	171	179	64	186	250	371	375	1,793
1920	641	692	942	251	403	402	530	483	671	1,006	1,303	1,247	8,571
1921	1,261	1,159	735	109	268	164	287	512	493	1,845	2,506	3,548	12,887
Cardiff.....	19,756	14,566	17,644	7,535	2,831	.....	.....	.....	4,381	13,032	17,945	21,376	119,066
1920	18,681	8,012	15,785	13,202	9,882	10,429	10,680	14,926	16,155	14,724	22,551	20,601	175,620
1921	14,584	9,856	12,572	9,377	7,377	5,301	6,477	11,586	10,261	13,140	18,122	16,408	135,561
Clover Bar.....	22,882	22,475	27,120	9,601	11,493	8,091	10,637	18,789	28,132	40,041	46,202	51,345	298,698
1920	49,416	31,055	34,809	28,084	15,012	11,456	12,078	20,569	27,426	34,236	35,862	44,089	344,092
1921	47,414	33,682	32,012	17,028	12,251	11,877	15,747	30,872	33,288	34,367	51,971	44,473	362,082
Drumheller.....	51,230	39,963	58,670	12,981	17,755	686	5,210	42,915	122,087	156,975	165,945	172,892	847,915
1920	149,540	56,727	52,256	42,410	48,929	89,531	96,232	125,260	134,647	78,397	185,009	152,207	1,211,205
1921	80,791	65,212	54,712	37,092	25,907	46,552	62,778	161,339	80,945	114,143	162,945	93,340	994,756
Edmonton.....	10,113	9,089	9,340	2,725	1,087	183	475	1,739	6,448	11,882	18,153	18,978	90,212
1920	15,776	9,368	9,325	7,011	4,096	3,175	2,580	4,387	8,029	9,467	9,822	13,228	96,864
1921	13,848	10,749	10,097	5,096	3,426	1,014	2,037	5,652	5,494	7,441	11,321	12,002	86,177
Hanna.....	1,705	1,373	2,550	357	684	1,240	1,335	938	1,845	4,465	4,050	5,205	25,836
1920	4,804	3,467	2,575	1,009	578	1,088	520	1,122	2,187	3,729	5,125	3,226	29,530
1921	2,129	1,765	1,664	525	508	643	584	1,040	3,458	6,676	6,519	3,026	29,167

High River.....	1919	541	26	32	131					131	62	53	127	380
	1920	239	264	66	38	15	13	7	206	186	117	317	354	1,822
	1921	178	343	276	33	20	41	46	20	127	178	42	211	1,515
Lacombe.....	1919	1,360	1,135	1,409	178	151	271	205	263	717	2,011	3,547	3,566	14,813
	1920	2,457	2,074	1,419	607	283	279	223	258	767	1,377	2,731	2,036	14,511
	1921	1,861	1,559	1,467	264	128	105	58	265	778	2,975	3,985	1,992	15,437
Lethbridge.....	1919	52,566	20,314	57,596	46,591	41,485	1,193	2,020	13,709	65,670	88,913	91,657	95,982	586,586
	1920	92,017	66,678	62,905	60,537	57,414	68,850	64,503	52,580	67,992	64,336	90,903	102,360	852,128
	1921	51,944	41,247	50,251	54,709	49,997	83,508	72,224	92,756	57,265	80,455	92,325	53,072	779,816
Magrath.....	1919	149	46	66	35	17	80	120	123	237	78	142	171	1,270
	1920	201	111	144	81	42	158	110	216	172	114	244	232	1,825
	1921	188	55	124	101	68	94	89	179	277	504	466	309	2,544
Medicine Hat.....	1919	909	932	909	311	338	629	958	930	2,373	3,747	4,189	4,683	20,909
	1920	2,625	927	214	309	114	61	399	925	1,188	1,884	4,339	1,077	14,682
	1921	1,050	1,111	549	47	28	20	43	1,000	1,717	3,886	3,826	3,454	16,747
Milk River.....	1919	395	215	203	111	135	134	80	185	507	821	637	486	3,999
	1920	783	590	528	273	194	227	139	221	385	619	1,265	1,030	6,260
	1921	553	470	394	179	175	203	234	345	649	1,456	1,226	846	6,730
Namao.....	1919	1,762	1,487	1,067	323	366			16	289	910	1,572	1,712	9,501
	1920	2,874	1,412	517	79			133	1,054	1,619	2,791	3,270	3,166	16,948
	1921	2,250	1,470	460				24		18	259	1,939	1,431	7,860
Pembina.....	1919	6,860	6,256	5,010	7,742	9,068	4,700	6,306	8,058	10,504	15,640	15,318	14,222	109,864
	1920	13,935	10,140	10,336	8,020	9,139	10,353	11,262	15,151	12,258	12,951	16,457	16,805	146,810
	1921	14,042	10,884	13,660	13,472	6,213	6,74	5,791	13,370	14,231	13,907	13,753	10,209	136,316
Pincher Creek.....	1919	357	250	382	89	78	216	164	277	538	549	1,188	1,870	5,958
	1920	891	471	525	136	30	88	236	97	635	492	1,053	751	5,435
	1921	738	538	348	8	119	251	149	426	1,141	2,245	1,018	1,103	8,084
Taber.....	1919	5,507	3,409	5,738	1,282	1,783	217	990	5,436	13,830	20,363	22,610	25,492	106,657
	1920	21,425	2,693	3,509	3,892	5,187	8,706	9,737	10,480	12,581	15,360	22,959	15,530	132,359
	1921	2,606	2,344	1,858	931	365	787	3,316	10,612	3,573	5,918	6,453	4,386	43,260
Three Hills.....	1919	822	812	2,286	77	451	661	941	1,315	2,035	3,263	3,774	4,568	21,005
	1920	5,618	2,902	1,961	1,001	853	558	1,198	1,812	3,319	3,775	5,139	4,212	32,381
	1921	4,910	2,441	1,942	636	373	500	664	2,577	4,500	3,864	4,673	4,099	31,272
Tofield.....	1919	6,150	5,485	5,397	2,831	3,588	4,667	4,486	4,906	7,941	10,761	19,358	23,146	98,806
	1920	10,772	6,321	3,204	2,880	1,563	1,106	1,456	1,940	3,755	5,301	7,502	7,238	53,227
	1921	6,417	4,974	4,019	1,421	1,169	927	1,102	1,679	3,021	5,303	11,683	8,675	50,389
Trochu.....	1919	1,297	1,557	1,814	150	308	518	844	818	907	2,012	3,012	2,812	16,019
	1920	3,016	2,014	1,350	702	498	538	642	592	1,074	1,324	4,454	3,931	20,175
	1921	2,851	1,425	1,236	363	629	398	1,016	1,312	1,857	3,052	3,312	2,699	20,150
Wabamun.....	1919	862	574	701	30	1,048	2,409	4,125	3,664	3,839	4,622	4,068	4,662	30,604
	1920	4,893	1,606	1,045	2,215	672	511	1,560	2,410	2,656	3,354	4,584	3,967	29,752
	1921	2,610	1,368	1,414	720	473	1,065	976	2,940	3,115	4,192	4,071	4,540	27,484
Peace River.....	1920	45	14	8	6								73	
Total Lignite.....	1919	108,766	148,785	200,098	90,623	95,652	33,550	40,530	114,022	287,290	401,278	448,075	480,063	2,562,124
	1920	422,719	221,525	214,055	170,507	158,220	211,843	219,332	265,978	314,583	276,171	453,742	423,430	3,361,105
	1921	273,863	210,003	204,517	149,363	114,186	163,592	177,367	348,676	253,024	327,160	429,164	293,503	2,044,420
TOTAL FOR ALBERTA..	1919	493,870	423,116	409,592	322,546	265,096	36,060	52,212	149,035	504,703	689,171	737,000	761,169	4,933,660
	1920	727,609	529,890	468,788	350,787	422,612	509,065	513,501	574,663	619,541	577,697	803,221	774,355	6,907,765
	1921	537,787	464,470	439,169	322,663	286,476	331,562	417,451	692,590	534,649	591,361	710,777	570,241	5,909,217

Table 82.—Output by Principal Collieries (Average of 500 tons or over per month) in Alberta by months for years
1919, 1920, 1921.
(Short Tons)

	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Total	
ANTHRACITE—														
Canadian Pacific Railway	10,583	9,233	11,080	10,322									85,579	
1920	12,146	10,791	10,849	11,395	11,418	-11,286	10,130	11,247	8,624	11,300	10,450	10,757		
1921	9,219	6,100	8,954	9,772	5,368	6,973	8,635	6,072	8,183	9,304	9,526	11,238	127,513	
									8,244	10,652	8,353	8,616	96,964	
BITUMINOUS—														
Alberta Standard Coal Co.	1,977	1,626												
(formerly Balkan Coal Co. Ltd.)														
1920														
1921	4,422	1,809	2,243	4,591	4,130	5,032	6,952	5,288	4,513	3,442	4,089	3,043	51,104	
Mohawk Bituminous Mines, Ltd. (formerly Bellevue Collieries, Ltd.)	3,867	1,527	1,729	3,396				411	873	884		1,236	13,923	
Blackstone Coal Co. Ltd.	Not operating.													
1919	682	146		810	1,524	1,502	2,863	5,135	6,297	5,046	5,419	4,139	33,563	
1920														
1921	4,462	1,315			3,657	133	355	349	3,375	3,329	1,890		18,865	
Blue Diamond Coal Co. Ltd.	17,458	13,724	14,176	15,932	154	45	14	14	2,238	7,635	16,456	12,726	100,572	
1920	12,506	9,602	14,815	12,436	10,700	8,015	465	2,306	10,852	13,330	14,795	16,430	126,312	
1921	17,420	14,475	1,684	8,040	7,994	7,920	17,734	24,650	24,516	23,648	33,853	35,832	217,772	
Brazeau Collieries, Ltd.	36,730	31,341	36,384	28,508	26,318				1,834	28,914	31,415	28,765	32,175	
1920	34,707	33,189	32,531	35,026	26,894	35,962	34,249	37,964	33,498	24,379	38,065	45,158	411,622	
1921	44,707	45,082	53,241	36,163	15,206	13,480	32,716	40,684	45,861	33,967	34,507	44,932	441,206	
Brookdale Collieries, Ltd.	1919													
1920	604	636	428	1,307	923	2,110	2,064	1,295	1,745	2,154	1,236	1,234	15,836	
1921		1,032	529										1,561	
Alexo Coal Mining Co. Ltd.	1919													
1920														
1921	344	950		35				30	25	10	150	200	440	
Luscar Collieries, Ltd.	1919													
1920														
1921														
Cadomin Coal Co. Ltd.	1919	17,508	17,896	17,695	17,264	11,204			1,668	13,812	20,301	22,152	19,062	159,062
1920	18,602	22,323	7,788	233	209	81	54	2,171	2,687	3,072	4,794	5,541	67,555	
1921	6,816	6,914	8,924	6,857	7,036	9,158	18,700	27,789	25,571	29,310	27,760		174,850	

Canmore Coal Co. Ltd.	1919	22,977	22,293	24,011	20,050	15,011			4,083	20,321	24,528	25,384	22,015	200,670	
	1920	26,460	24,611	18,399	8,235	21,516	24,694	23,532	24,015	24,787	23,975	27,577	27,692	275,513	
	1921	15,926	17,346	14,015	11,783	13,777	17,120	16,985	20,944	22,413	19,613	18,543	17,806	206,271	
Foothills Collieries, Ltd.	1919									799	2,247	2,750	3,404	9,239	
	1920	3,323	2,109	1,398	1,808	2,663	2,976	2,596	2,301	2,136	2,486	4,077	3,320	31,193	
	1921	2,687	1,512	2,435	1,112	618	2,260	3,580	4,306	2,820	3,515	5,704	5,916	36,570	
Hillcrest Collieries, Ltd.	1919	26,820	27,315	28,876	21,979	21,507	100	617	3,248	22,801	28,748	27,818	29,382	230,301	
	1920	29,045	27,860	30,527	6,885	26,804	24,807	26,595	28,040	30,900	30,429	35,395	34,550	331,855	
	1921	18,814	18,230	14,766	13,797	21,973	22,589	23,172	30,127	23,069	16,822	18,294	17,617	230,270	
International Coal and Coke Co. Ltd.	1919	20,678	21,752	27,726	12,263	14,253				5,055	21,596	29,000	26,200	178,513	
	1920	28,560	29,438	23,422	27,000	24,985	10,388	17,838	20,239	26,777	25,785	31,172	29,524	304,188	
	1921	14,435	15,220	14,301	10,559	9,885	13,435	9,726	13,457	12,012	11,111	14,747	10,795	140,683	
Jasper Park Collieries	1919	6,128	8,000	7,060	5,026	2,924				468	1,853	6,073	7,714	45,255	
	1920	7,830	9,639	12,006	8,598	8,799	7,115	7,350	9,172	7,933	9,585	11,097	10,367	109,400	
	1921	9,556	8,851	10,051	4,208									32,726	
McGillivray Creek Coal and Coke Co.	1919	29,150	21,430	27,900	19,700	15,700				18,800	27,300	25,302	25,500	210,782	
	1920	24,699	30,101	25,400	27,000	22,200	24,203	26,200	28,803	30,002	30,305	30,690	31,506	331,118	
	1921	16,399	14,902	12,800	8,698	19,996	22,099	23,700	32,798	24,003	30,708	30,802	29,698	266,603	
McLeod River Hard Coal Co. Ltd.	1919													25	
	1920														
	1921	150	390	490	665	910	785	1,149	1,280	1,567	866	2,316	1,949	0,035	
Mountain Park Coal Co. Ltd.	1919	16,562	17,277	11,493	13,124	8,754				743	8,942	12,691	11,527	11,370	112,489
	1920	4,115	12,712	13,739	15,746	12,791	14,403	18,321	17,318	13,447	12,492	18,952	19,777	173,813	
	1921	19,950	12,846	21,582	11,607	5,892	7,989	13,599	16,100	15,104	13,182	17,724	18,908	174,579	
North American Colliers, Ltd.	1919	8,404	10,230	11,258	8,322	4,811	169		1,369	8,047	11,155	11,384	7,425	83,474	
	1920	11,531	10,464	10,919	8,453	589								41,956	
Sterling Collieries, Ltd. (formerly Olliphant-Munson)	1919	12,188	8,341	8,513	4,359	5,246	138	1,059	9,826	14,460	10,555	5,671	8,432	89,688	
	1920	14,902	17,252	19,357	17,941	25,262	28,238	26,538	25,607	17,530	19,187	16,709	16,111	244,633	
	1921	15,927	17,784	20,961	14,724	10,478	10,033	16,490	20,277	14,441	3,763	4,730	21,487	171,104	
Saunders Alberta Colliers	1919	278	248	395	435	330	288	583	359	508	634	334	712	5,094	
	1920	627	1,258	1,100	1,408	1,419	2,063	2,083	1,906	1,995	2,236	2,163	1,075	19,953	
	1921	2,132	2,181	1,214							419	1,713	1,003	8,662	
Saunders Creek Collieries, Ltd.	1919	2,316	2,032	1,806	1,022	1,551	1,680	1,774	1,456	1,804	2,330	1,678	1,868	21,317	
	1920	2,203	1,050	411	1,212	1,305	1,550	1,934	2,767	2,610	1,375	2,320	2,635	21,465	
	1921	1,357	314	1,024	888	565	2,414	2,837	4,304	2,455	580	2,353	1,342	20,433	
West Canadian Collieries, Ltd.	1919	62,122	60,456	59,753	46,975	41,634			7,009	60,785	72,536	64,202	61,608	537,260	
	1920	64,290	59,318	24,210	12,013	56,697	79,661	79,969	76,073	72,189	75,584	81,081	75,541	756,635	
	1921	69,776	56,715	37,304	25,053	45,545	48,335	47,465	62,090	47,047	59,270	55,624	56,048	611,172	

Table 82.—Output by Principal Collieries (Average of 500 tons or over per month) in Alberta by months for years

1919, 1920, 1921—Con.

(Short Tons)

	January	February	March	April	May	June	July	August	September	November	October	December	Total
BITUMINOUS—Con.													
Yellowhead Coal Co.	1919	5,202	2,760	1,459	636	67			135	589			10,848
	1920	3,324	3,913	5,101	4,540	3,355	3,054	3,830	5,026	5,222	5,821	6,882	57,134
All other Bituminous	1921	7,170	7,663	7,977	5,363	2,899	2,008	479	4,263	2,964		1,000	1,730
Mine Operators													44,116
LIGNITE—													
Alberta Block Coal Co.	1919	4,187	7,505	11,348	4,717	4,808			4,818	10,417	11,211	11,313	81,541
Ltd.	1920	12,685	7,427	10,401	9,223	4,689	13,716	13,114	13,700	11,722	7,293	14,676	9,345
	1921	7,624	6,812	300	250	100	200	200	6,446	4,180	5,767	7,090	42,950
Alberta Coal Mining Co.,													
Ltd.	1919	9,682	5,977	6,885	2,344	2,802			218	2,223	9,292	9,129	57,673
	1920	5,128	3,455	4,790	4,501	2,337	2,347	1,750	4,171	6,342	5,109	8,253	6,737
	1921	5,170	4,014	4,450	3,867	3,713	2,549	2,508	2,931	3,532	4,790	7,099	51,097
Anderson, William John.	1919	96	56	136	31	32	105	119	147	188	760	287	370
	1920	1,000	499	353	66	51	313	176	840	1,048	1,681	1,924	1,030
	1921	344	167	185	23	46	182	78	216	957	1,999	1,964	696
Atlas Coal Co., Ltd.	1919	3,030	3,402	3,960	300	963			2,247	6,860	8,182	9,361	10,483
	1920	8,255	2,276	5,028	3,496	3,000	4,450	4,008	5,827	7,290	5,797	8,053	8,274
	1921	4,788	6,155	3,848	1,608		893	1,509	6,685	7,215	7,194	9,967	6,902
Banner Coal Co., Ltd.	1919	6,955	3,938	5,647	2,048	880			1,963	5,414	6,776	8,131	42,352
	1920	4,530	1,345	2,055	1,528	887	888	1,271	2,317	4,536	4,804	6,555	5,745
	1921	4,014	2,310	2,639	1,617	1,301	684	768	2,840	2,671	4,442	5,903	5,543
Big Valley Collieries	1919	5,025	1,593	2,140	1,173	181	127	88	2,608	3,491	4,371	4,849	5,582
	1920	4,529	4,139	1,899	444	96	263	3,193	5,102	5,980	6,865	7,330	7,744
	1921	5,058	5,804	4,873	2,726	1,614	115	3,736	5,262	6,695	2,421	5,317	4,434
Bish Bros. & Le Gear	1919	743	703	490					56	319	674	1,162	4,147
	1920	628	640	455							543	483	2,749
	1921	819	672	390						1,061	1,364	982	5,288
Bush Mine Coal Co., Ltd.	1919	3,884	3,957	5,005	2,250	2,811	600	3,096	4,702	6,799	7,604	8,903	49,071
	1920	7,763	5,456	6,463	5,749	3,658	3,033	4,299	4,302	4,316	6,773	8,887	9,512
	1921	8,081	5,691	5,640	2,520	2,620	1,878	1,532	4,245	5,782	6,869	9,105	61,053

City Collieries, Ltd.....	1919	1,617	1,417	1,346	543	502	39	97	482	1,269	2,534	4,216	14,062	
	1920													
	1921													
Canada West Coal Co. Ltd.	1919	1,951	1,737	2,819	497	570			1,716	8,845	11,610	12,072	14,134	55,951
	1920	13,376	1,303	2,882	3,284	5,008	8,058	7,554	9,015	10,477	11,260	16,261	12,010	100,578
	1921	1,368	2,015	1,410	676		496	3,030	10,134	2,254	3,264	1,670	1,729	28,046
{Canadian Dinant Coal Co., Ltd. (in 1919).....	1919	1,760	1,609	1,883	734	706	776	888	1,854	2,151	3,293	4,118	4,813	24,586
(Dinant Coal Co.).....	1920	4,134	1,653	1,725	1,504	496	696	507	1,627	2,555	2,876	3,998	2,863	24,633
	1921	2,474	1,760	1,754	555	551	230	487	2,706	3,257	3,954	5,474	3,873	27,135
Canadian Pacific Rly. Co.	1919	31,962	17,804	28,553	16,206	17,454			6,827	29,510	39,290	41,990	46,407	276,009
	1920	44,173	29,722	30,710	27,624	27,458	30,964	31,580	30,251	29,940	31,846	37,419	49,714	401,410
	1921	29,327	26,560	24,738	20,912	17,014	43,606	42,595	50,629	28,200	43,975	49,531	35,362	411,449
Cardiff Collieries Ltd., The	1919	12,801	10,625	11,997	4,887	1,951				2,418	7,618	11,169	13,245	70,714
	1920	9,006	3,212	8,940	7,173	6,658	7,194	7,668	8,438	5,277	4,811	7,743	8,119	84,239
	1921	5,394	3,532	5,483	4,393	2,363	2,068	3,201	5,815	4,038	3,853	5,120	4,051	49,331
Chinook Coal Co., Ltd.....	1919	7,481	3,805	7,410	7,561	5,567			1,478	10,480	12,112	11,419	11,016	78,329
	1920	11,112	8,027	6,718	8,668	8,894	10,875	8,888	6,556	6,980	9,846	12,913	12,677	112,154
	1921	5,180	3,913	4,074	5,660	6,835	9,252	9,195	12,577	11,050	12,922	14,144	7,450	102,802
City of Lethbridge, Coal Mine	1919		1,025	1,113	917	960	847	870		960	1,084	1,145	8,951	
	1920		1,132	902	953	895	785	802	908	849	870	865	925	10,720
	1921		978	813	819	771	817	769	793	986	1,019	1,007	1,060	1,105
Clover Bar Mine Coal Co.	1919	641		1,288		339	221	833	1,052	2,285	2,531	2,052	3,419	16,161
	1920	3,189	2,400	3,403	2,401	1,681	1,313	1,638	2,566	3,110	3,702	3,167	4,144	32,714
	1921	3,708	2,890	2,544	1,495	1,343	1,284	1,435	2,250	2,325	2,539	3,240	3,173	28,211
Crown Coal Co. (previous Alberta Penitentiary Coal Co.).	1919	486	564	388	172	348	45	41	100	146	284	667	883	4,184
	1920	926	680											1,906
	1921	312	1,197	1,697	1,690	1,038			700	1,710	1,783	2,540	3,752	3,906
Daly, Wm.....	1919	1,461	1,414	1,175									1,043	5,093
	1920	574	561	375										1,510
Dawson Coal Co., Ltd....	1919	1,700	1,978	1,743						844	1,500	2,648	3,030	13,449
	1920	2,002	1,548	1,501	1,265	600	420	172	562	1,463	1,832	1,415	2,142	14,622
	1921	2,502	1,561	1,282	620	476	320	265	471	902	1,127	1,684	2,013	13,230
Dobell Coal Co., Ltd....	1919	4,017	3,720	3,379	2,501	1,752	1,082	798	2,440	3,846	4,930	6,399	8,742	43,606
	1920	5,814	4,335	2,142	2,459	1,266	865	1,112	1,139	2,154	1,632	2,957	2,634	25,509
	1921	3,383	3,365	2,993	921	710	479	606	762	1,153	2,269	4,309	5,179	26,189
Donkin & Stevens Co. (previously Twin City Coal Co., Ltd.)	1919	3,640	2,937	3,858	958	194	99	120	299	2,983	5,039	7,725	8,034	35,586
	1920	6,124	2,560	2,842	2,478	1,006	750	648	1,247	2,083	2,073	2,611	2,846	27,358
	1921	2,673	2,074	1,732	200									6,679

**Table 82.—Output by Principal Collieries (Average of 500 tons or over per month) in Alberta by months for years
1919, 1920, 1921—Con.**
(Short Tons)

	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total
LIGNITE—Con.													
Drumheller Land Co., 1919	651	453	981	1,052	255	1	1	1,087	5,949	6,678	6,811	6,997	30,916
Ltd., The	4,860	481	720	484	804	3,444	4,490	5,731	4,999	1,998	6,705	2,810	37,522
Calico Coal Co., from 1921	1,125	1,520	1,006	779	298		1,821	2,873	1,859	1,303	2,938	1,704	17,226
April													
Diamond Coal Co.	1919	681	45										726
1920													
1921													
Edmonton Collieries, 1919													
Ltd.	3,529	2,005	2,719	2,089	1,532	1,207	1,102	1,565	1,892	2,279	1,887	4,151	4,151
1920												3,696	25,502
1921	4,063	2,721	2,796	1,495	1,137	649	569	542	1,148	1,495	2,460	2,544	21,619
Elgin Coal Co., Ltd.	1919												
1920	1,049	253	1,091	790			717	396			2,853	4,275	11,424
1921	2,607	2,054	3,472	1,279			741	4,171	2,574	4,393	6,716	3,346	31,353
Ellis Coal Co., Ltd.	1919	647	614	1,963	42	428	592	882	1,289	1,988	3,130	3,603	4,322
1920	4,207	1,848	927	573	584	152	956	1,579	2,000	1,913	2,994	2,918	19,500
1921	3,681	899	843	237	91	104	186	1,214	2,198	1,851	2,583	2,612	20,051
Excelsior Collieries, Ltd.	1919	1,111	377	295				265	1,596	1,910	1,701	1,495	8,750
1920	1,541	1,407	1,754	652		1,250	1,422	1,810	1,890	1,130	2,988	3,231	18,575
1921		1,188	770	155	418	246	298	1,329	851	997	2,130	1,384	9,766
Gibson Collieries, The.	1921				254		662	5,884	6,925	6,955	10,324	8,474	39,478
Federal Coals, Ltd.	1919	1,436	975	2,406	1,230	1,658	49	732	2,450	3,316	3,776	3,410	24,584
1920	4,186	2,339	2,384	1,221	1,462	2,047	4,172	3,458	3,796	4,529	4,950	5,252	40,696
1921	3,688	2,723	2,574	2,072	2,914	4,141	3,223						21,335
Fraser-Mackay Collieries	1919	2,831	2,426	2,797	1,008	660	810	873	1,600	1,833	2,722	3,446	3,688
Ltd.	1920	3,223	2,402	1,734	598	312	23	136	310	904	2,123	2,553	4,054
1921	5,034	3,184	3,915	3,738	2,367	1,849	2,129	5,315	4,218	5,207	7,764	6,772	18,372
Great West Coal Co., 1919	7,843	8,582	9,731	2,735	4,169	5,347	5,921	10,829	15,423	20,089	20,212	20,556	131,437
Ltd., The	1920	20,778	11,067	11,623	11,481	5,107	6,482	7,033	10,934	13,108	11,505	14,304	135,463
1921	11,295	10,634	9,890	4,711	2,778	4,562	7,287	12,684	10,993	9,503	16,223	13,081	113,641
Hamilton Coal Co.	1919	2,618	1,045	1,715	186	0		364	2,814	2,338	2,601	2,582	15,633
1920	2,216	1,207	616	626	621	1,211	443	982	1,439	748	2,948	3,178	16,235
Celtic Coal Co., from April 1921		479			77	566	355	913	1,037	636	1,463	620	6,148

Humberstone Coal Co., Ltd.	1919	3,518	4,859	6,657	2,946	1,840	...	...	2,143	7,437	9,822	11,171	12,979	63,372
	1920	13,827	6,749	8,860	7,276	2,830	1,755	1,194	4,255	7,315	9,496	7,037	10,968	81,562
	1921	13,417	7,446	8,831	3,982	2,526	2,863	3,475	8,906	7,769	6,792	12,347	9,193	87,547
Hy-Grade Coal Co., The	1919	1,433	1,790	2,577	1,159	1,525	26	79	1,630	4,636	6,357	8,937	10,253	40,402
	1920	7,706	2,947	1,795	2,719	991	2,296	4,776	7,366	7,973	4,137	9,761	9,890	62,357
	1921	5,127	4,783	5,024	2,372	852	844	2,656	10,475	4,107	9,926	14,210	4,230	64,606
Jewel Collieries, The	1919	34	998	504	...	...	...	...	...	...	4,570	4,704	5,471	16,281
	1920	5,651	1,754	2,306	...	571	4,287	4,038	5,556	6,885	4,057	8,071	8,495	52,574
	1921	6,898	4,209	4,226	710	1,257	135	...	2,096	7,222	4,243	6,408	5,466	42,870
Keith and Fulton	1919	2,240	1,686	1,176	...	...	...	...	...	87	830	1,078	1,998	9,098
	1920	2,676	1,326	363	...	...	...	...	...	...	142	555	1,331	6,393
	1921	1,485	1,214	...	...	...	...	...	...	...	437	1,256	1,811	6,203
Kleenbri Collieries, Ltd.	1919	291	238	196	90	177	284	290	334	737	1,090	549	728	5,004
The Prairie Coal Co.	1920	459	338	225	159	199	346	135	202	483	735	1,261	579	5,124
in 1919	1921	342	342	329	182	223	222	282	468	830	1,767	523	554	6,064
Lakeside Coals, Ltd.	1919	829	559	701	30	1,048	2,400	4,125	3,664	3,839	4,622	4,056	4,640	30,522
	1920	4,893	1,696	1,044	2,215	672	511	1,560	2,415	2,836	3,354	4,584	3,967	29,752
	1921	2,610	1,368	1,414	720	473	1,005	976	2,940	3,115	4,192	4,071	4,495	27,439
Lethbridge Coal Co., Ltd.	1919	717	252	736	180	45	22	20	141	1,052	1,104	1,119	1,487	6,875
	1920	1,573	783	765	90	36	53	1,050	1,654	1,933	2,428	2,636	2,665	15,609
	1921	1,900	307	586	800	1,277	2,224	2,720	3,448	3,273	4,149	3,255	3,521	27,463
McPeak, P. J.	1919	2,092	1,860	1,975	1,052	43	...	217	798	1,206	2,525	2,897	2,874	17,539
	1920	2,785	1,978	2,186	1,779	958	798	658	1,013	2,591	3,114	3,123	3,283	24,266
	1921	2,856	2,086	2,092	1,050	676	...	457	841	1,311	1,731	2,182	2,066	17,359
Marcus Collieries Ltd.	1919	1,881	688	1,006	763	1,383	1,718	1,964	1,966	1,752	2,718	4,028	3,799	23,672
	1920	2,423	1,530	1,948	1,706	1,200	932	338	991	1,230	1,864	2,736	4,212	21,170
	1921	3,371	1,749	1,297	922	617	473	861	1,865	3,165	3,447	5,169	3,874	26,813
Midland Collieries Ltd.	1919	...	1,557	5,692	870	2,444	...	...	3,466	9,800	10,810	12,022	11,597	58,258
	1920	12,398	4,523	4,111	5,681	7,893	7,777	8,743	8,477	7,484	4,811	10,796	10,301	93,028
	1921	4,153	3,109	1,737	1,529	1,433	2,505	3,545	10,182	3,346	4,811	6,893	4,670	47,923
Mid-West Collieries, Ltd.	1919*	...	...	...	...	...	...	...	...	...	...	...	...	...
	1920	...	...	...	...	106	254	32	...	13	28	356	284	1,073
	1921	190	1,111	513	...	68	...	819	2,565	2,161	2,632	7,235	3,567	20,861
Ardley Hardite Collieries Ltd.	1919	...	...	...	...	...	...	...	...	...	...	...	...	...
(formerly W. R. Walsh)	1920	1,005	335	210	160	231	77	248	285	400	250	835	813	4,849
	1921	176	142	...	...	335	175	790	864	945	1,705	1,030	6,162	

* Not operating in 1919.

† Not operating in 1920.

Table 82.—Output by Principal Collieries (Average of 500 tons or over per month) in Alberta by months for 1919, 1920, 1921—Con.

(Short Tons)

	January	February	March	April	May	June	July	August	September	October	November	December	Total
LIGNITE—Con.													
Robin Hood—Oct. Yoho Coal Co., 1919	1,348	514	705	204	500	101	753	761	1,143	146	892	1,109	5,519
Miller, Smith & Miller, 1920	950	463	176		556	736		490	683	1,020	1,450	617	8,655
Marzoli & Co., 1921	331									488	1,075	112	3,170
Newcastle Coal Co., Ltd., 1919	3,960				679			3,045	8,952	10,551	10,580	11,283	49,050
1920	10,492	1,838						6,637	10,238	4,920	15,157	10,339	59,621
1921	5,409	5,985	11,354	7,103	4,147	5,159	5,425	16,598	4,089	6,736	7,880	4,347	84,232
Newcastle junior Mg., 1919*													
Co., Ltd.													
1920													
1921	1,791	2,106	3,678	1,960	847	1,703	4,835	8,972	2,750	4,390	5,217	3,715	42,018
North American Collier-ies, Ltd., 1919	22,045	12,227	23,586	28,334	25,346	7,903	9,606	13,616	38,839	54,459	55,906	55,853	347,720
1920	53,176	42,417	41,733	39,624	37,857	44,864	42,498	36,008	48,221	31,449	62,079	59,665	540,491
1921	33,678	23,744	35,160	49,407	38,547	48,055	30,241	55,584	31,147	42,828	51,077	20,540	460,908
Namao Collieries Ltd., 1919	1,551	1,251	961	287	365				186		812	1,455	8,498
(Mrs. C. Kelly, Oct. to 1920	1,153	475	325					133	416	909	1,272	1,975	1,202
Dec. 1921.)	1,711	1,019	398								177	1,338	989
Ottewell, R. P. Coal Mine	774	750	799	202	578	595	446	680	1,206	1,530	1,895	1,728	11,183
1919													
1920	1,607	1,080	1,137	932	740	452	331	741	1,277	650	1,292	1,511	11,750
1921	1,082	1,145	997	325						75	651	862	5,137
Oliphant, John													
1919													
1920	1,312	493					276	867	993	992	2,254	1,023	8,210
1921	886	905	409					722	1,249	2,254	2,437	2,135	10,997
Premier Coal Co., Ltd.	1,439								3,931	6,185	7,171	6,240	24,966
1919													
1920	4,746	1,341	490	610	987	3,151	2,992	5,155	5,063	1,990	7,029	3,131	37,285
1921	1,438	640	977	171	580	517	489	1,794	1,155	205	1,129	1,167	10,262
Palisade Coal Co., Ltd.													
1919													
The													
1920													
1921	869	1,118	863	357	233	396	450	1,251	2,210	1,642	1,719	1,114	12,222

Redcliff Brick & Coal Co., Ltd.	1919	812	846	709	302	320	607	910	904	2,027	2,931	2,839	3,215	16,452	
	1920	1,171	300	166	266	100	10	90	13	46	367	1,619	295	4,452	
	1921	69	104	74	20				210	223	358	723	1,077	2,858	
Regal Collieries Ltd.	1919	1,460	795	1,205	629	134			1,029	3,607	6,048	7,176	6,906	29,079	
	1920	3,970	385	543	329	57				638	3,359	5,897	2,380	17,553	
	1921										818	3,389	1,484	5,691	
Rock Springs Coal & Brick Co., Ltd.	1919	1,770	532	1,363		933		752	2,031	624	1,906	2,283	3,032	15,226	
	1920	2,866	568				419	1,869	1,127	1,205	310		328	8,692	
	1921		800										800		
Round Hill Collieries, Ltd., The.	1919	1,596	1,371	1,278	473	442	1,715	1,876	1,408	1,655	2,172	3,665	2,812	20,463	
	1920	1,906	597	996	894	820	248	258	1,245	1,286	1,298	2,380	1,988	13,916	
	1921	1,126	977	873	361	310	366	66	135	580	416	1,221	2,654	9,085	
Rosedale Coal Co., Ltd.	1919	5,149	4,598	6,541	529	1,072	355	4,638	6,928	9,972	11,206	13,115	13,884	77,990	
	1920	12,988	6,517	2,429	156	9,540	12,903	12,534	11,926	12,057	10,295	16,464	14,287	122,156	
	1921	5,202	4,158	2,855	2,328	1,027	5,834	6,762	13,978	8,095	9,204	11,391	8,883	79,717	
Rose Deer Coal Mg. Co., Ltd.	1919	198	2,745	4,330	120	880			4,840	17,050	19,267	19,543	18,383	87,356	
	1920	12,590	5,910	3,330	2,559		5,790	6,910	12,759	14,213	8,778	15,327	13,212	101,408	
	1921	5,506	3,982		392			5,338	11,267	6,212	7,310	9,930	4,349	54,286	
Spicer Coal Co., Ltd.	1919	554	641	1,446	71				1,248	2,009	3,587	3,906	4,625	18,087	
	1920	3,904	1,435	1,304	1,211	915	1,430		1,841	2,788	2,979	3,989	3,671	25,647	
	1921	3,714	2,359	2,202	1,479	672	1,237	158	1,363	2,038	2,357	3,602	3,184	24,965	
Stoney Creek Collieries Ltd., The.	1919	743	854	492	300	274	173	303	412	577	816	1,017	1,002	6,963	
	1920	864	646	752	513	210	204	100	182	300	635	1,029	1,083	6,608	
	1921	1,365	871	873	307	259	130	103	203	758	789	1,206	1,211	8,075	
Scranton Coal Co., Ltd.	1919	3,118	1,283	2,636	76	200			3,224	7,599	9,045	9,133	9,931	40,305	
	1920	8,910	2,035	1,617		102	1,761	2,791	4,111	3,741	1,575	6,191	4,886	37,720	
	1921	2,164	80	48	269	436	2,745	3,404	6,651	3,043	3,637	6,194	3,341	32,015	
Wayne Coal Co. in 1919.	1919	293	574	638										1,505	
Sunshine Coal Co., Ltd.	1920									789	1,167	1,558	1,179	4,693	
	1921	1,704	1,103	1,185	728	797	1,938	1,141	2,748	2,013	2,516	2,440	989	19,302	
Sturgeon Valley Coal Co., Ltd.	1919*									668	686	1,501	1,052	1,472	6,964
	1920	1,107	478											377	
	1921	229	86	62											
Tosfield Coal Co., Ltd.	1919	1,983	1,620	1,876	275	1,800	3,555	3,673	2,556	4,035	5,681	12,689	13,814	53,563	
	1920	4,558	1,726	882	330	297	241	239	801	1,441	3,534	4,360	4,294	22,703	
	1921	2,414	1,344	871	470	459	408	461	907	1,778	2,864	7,003	3,271	22,250	
Tredway, D. Coal Co. (now North Star Coal Co.)	1919	464	695	955	35	132	301	774	698	653	1,204	1,456	1,107	8,534	
	1920	446	402	412	46			44	20	112	434	1,421	649	3,686	
	1921	499	444	2771	18	133	97	84	230	493	944	559	505	4,283	

*Not operating in 1919.

Table 82.—Output by Principal Collieries (Average of 500 tons or over per month) in Alberta by months for 1919, 1920, 1921—Con.

(Short Tons)

	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Total
Western Gem Mg. Co., 1919 Ltd.	5,806	2,802	4,773	1,155	1,167	1		2,063	5,687	7,856	8,385	9,392	49,147
1920	10,716	4,260	3,330	2,379	4,461	6,523	4,922	6,158	10,591	4,230	13,099	13,296	83,965
1921	10,851	4,295	4,823	2,036	948	1,654	4,530	14,721	7,687	9,641	9,881	6,826	77,804
Western Commercial Co.,	1,873	2,056						3,112	12,150	15,530	14,215	14,803	63,769
1920	13,693	2,192	1,019	981	3,750	5,555	5,991	11,500	8,377	5,639	15,587	9,655	83,936
1921	1,823	2,678	2,262	581		2,274	3,872	6,997	5,234	5,167	9,437	4,408	44,733
All other Lignite Mine Operators.....	9,638	7,894	9,936	1,849	2,219	3,582	3,973	5,060	8,959	17,206	21,950	26,205	118,471
1920	22,349	16,469	12,544	5,590	3,149	4,735	3,675	4,708	9,838	14,983	26,241	23,675	147,956
1921	20,900	16,708	12,715	4,206	4,179	3,451	3,518	7,541	14,254	33,875	33,040	27,391	181,779
TOTAL ANTHRACITE.....	10,583	9,233	11,080	10,322			726	2,504	8,624	11,300	10,450	10,757	85,579
1920	12,146	10,791	10,849	11,395	11,418	11,286	10,130	11,247	8,183	9,304	9,526	11,238	127,513
1921	9,219	6,106	8,954	9,772	5,368	6,973	8,635	6,072	8,244	10,652	8,353	8,616	90,964
TOTAL BITUMINOUS.....	284,521	265,095	278,514	215,601	169,464	2,510	4,947	31,609	208,789	276,593	278,565	269,749	2,285,957
1920	292,744	297,574	243,884	195,885	253,004	285,936	284,042	297,438	296,778	292,222	330,053	339,687	3,419,147
1921	274,705	248,368	225,698	163,528	166,922	180,997	231,449	307,851	273,381	253,549	273,260	268,125	2,867,833
TOTAL LIGNITE.....	195,766	148,788	209,998	96,623	95,632	33,550	46,539	114,922	287,290	401,278	448,075	480,663	2,562,124
1920	422,719	221,525	214,055	179,507	158,220	211,843	219,332	265,978	314,583	276,171	453,742	423,430	3,361,105
1921	273,863	210,005	204,517	149,363	114,186	163,592	177,367	348,676	253,024	327,160	429,164	293,503	2,944,420
TOTAL OUTPUT FOR ALBERTA.	493,870	423,116	499,592	322,546	265,096	36,060	52,212	149,035	504,703	689,171	737,090	761,169	4,933,660
1920	727,609	529,890	403,788	386,787	422,642	509,065	513,504	574,663	619,544	577,697	803,221	774,355	6,907,765
1921	557,787	404,479	439,169	322,663	286,476	351,562	417,451	662,599	534,649	591,361	710,777	570,244	5,909,217

Table 83.—Disposition of Coal from the Alberta Mines by months for 1920, 1921.

(Short Tons)

	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total
Supplied to employees for domestic consumption....													
1920	6,800	4,526	4,023	3,307	1,055	1,525	1,210	2,081	3,832	4,839	6,422	7,691	48,910
1921	6,659	5,711	5,268	3,003	1,521	1,230	1,206	2,120	3,472	4,336	7,757	7,550	49,833
Used under colliery boilers....	35,547	29,773	30,369	28,211	27,567	27,763	28,248	29,385	30,727	31,435	33,270	34,973	367,268
1921	31,213	27,051	29,443	26,441	23,103	24,059	24,851	29,460	28,300	29,288	31,919	30,825	335,953
Used in making briquettes....	3,945	3,844	4,783	6,206	7,759	8,124	8,020	8,256	7,709	8,293	8,062	8,909	83,919
1921	4,763	2,494	4,894	5,534	3,493	4,270	5,586	3,837	5,322	6,917	5,348	4,755	57,213
Used by Company's railroads....	805	851	844	660	879	912	1,193	1,205	956	950	1,212	841	11,317
1921	578	574	451	411	480	532	660	707	691	491	782	816	7,233
Shipped (See Table 82).....	661,875	483,085	427,420	345,000	383,795	468,519	470,472	530,837	570,156	530,300	741,000	712,358	6,324,826
1921	506,695	427,295	398,288	289,627	255,009	318,746	381,325	616,292	480,054	546,848	654,806	524,524	5,406,109
Put on bank.....	6,024	1,907	3,105	3,686	2,053	4,081	4,349	2,730	1,413	1,719	2,881	2,244	36,192
1921	6,206	4,975	5,287	4,378	6,561	5,775	5,770	4,541	10,072	7,105	8,596	6,518	75,853
Put on waste heap.....	13,615	9,702	8,010	4,666	4,130	4,124	6,012	9,932	10,687	8,170	15,503	14,288	106,938
1921	6,030	5,154	5,213	3,573	2,006	3,218	4,552	10,283	7,725	8,086	10,513	6,191	73,144
Total disposition.....	728,701	533,778	477,163	391,736	423,138	515,018	519,522	584,426	625,480	585,724	808,350	781,304	6,979,370
1921	562,204	473,254	448,844	332,967	293,376	337,830	423,056	667,300	541,636	603,071	719,721	581,179	6,005,338
Lifted from bank.....	1,037	2,507	4,454	3,948	4,340	5,720	5,739	9,703	5,871	7,723	5,129	6,793	63,054
1921	3,231	5,045	7,268	8,051	4,875	5,323	4,339	4,701	3,276	9,282	6,528	6,897	69,416
Lifted from waste heap.....	55	1,291	3,921	1,001	1,156	263	270	60	65	304	156	8,551	
1921	1,186	3,730	2,407	1,653	2,025	945	2,166	.....	3,711	2,428	2,416	4,038	26,705
Total Output.....	727,609	529,800	468,785	380,787	422,642	509,065	513,504	574,663	619,544	577,697	803,221	774,355	6,907,765
1921	557,787	404,479	439,109	322,663	286,476	351,562	417,451	662,599	534,649	591,361	710,777	570,244	5,909,217

Table 84.—Disposition of Coal from the Mines of Alberta by Grades, 1920 and 1921.
(Short Tons)

	1920					1921				
	Run-of-mine	Lump	Nut and other grades	Slack	Total Coal	Run-of-mine	Lump	Nut and other grades	Slack	Total Coal
Supplied to employees for domestic consumption.....	12,857	27,415	6,970	1,668	48,910	12,160	20,110	7,560	994	49,833
Used under colliery boilers, etc.....	131,437	3,871	48,635	183,325	367,268	113,048	2,450	36,116	184,339	335,953
Used by Company's railroads.....	7,414	146	3,757	.....	11,317	4,651	59	2,523	.....	7,233
Shipped (See Table 88).....	3,164,335	2,082,016	584,790	493,673	6,324,526	2,718,326	1,783,050	505,432	399,292	5,406,109
Used in making coke at colliery.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Used in making briquettes.....	65	.....	.....	83,854	83,919	.....	.....	.....	57,213	57,213
Put on bank.....	11,794	5,969	4,271	14,158	36,192	33,084	29,196	7,169	6,404	75,853
Put on waste heap.....	21,613	441	2,100	82,784	106,938	13,350	80	4,749	54,965	73,144
Total disposition.....	3,349,518	2,119,858	650,532	859,462	6,979,370	2,894,628	1,843,954	563,549	703,207	6,005,338
Lifted from bank.....	13,158	5,335	3,673	40,883	63,054	24,391	22,046	4,182	18,797	60,416
Lifted from waste heap.....	188	210	48	8,105	8,551	500	11,434	2,509	12,172	26,705
Total Output.....	3,336,172	2,114,313	646,811	810,469	6,907,765	2,869,647	1,810,474	556,858	672,238	5,909,217

Table 85.—Disposition of Anthracite Coal from the Mines of Alberta by Grades, 1920 and 1921.
(Short Tons)

	1920					1921				
	Run-of-mine	Lump	Nut and other grades	Slack	Total Coal	Run-of-mine	Lump	Nut and other grades	Slack	Total Coal
Supplied to employees for domestic consumption.....		50	27		77		50	24		74
Used under colliery boilers, etc.....		24	30,284		30,308		30	20,747		20,777
Shipped (See table 89).....	19,295		12,432		31,727		11,786	8,047		19,833
Used in making briquettes.....				83,854	83,854				57,213	57,213
Put on bank.....		340	1,216		1,556		339	268		835
Put on waste heap.....				14,627	14,627				8,651	8,651
Total disposition.....		19,709	43,959	98,481	162,149		12,205	29,086	66,092	107,383
Lifted from bank.....		337	1,075	30,143	31,555		270	176	9,973	10,419
Lifted from waste heap.....				3,081	3,081					
Total Output.....		19,372	42,884	65,257	127,513		11,935	28,010	56,119	98,964

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Table 86.—Disposition of Bituminous Coal from the Mines of Alberta by Grades, 1920 and 1921.
(Short Tons)

	1920					1921				
	Run of Mine	Lump	Nut and other grades	Slack	Total Coal	Run of Mine	Lump	Nut and other grades	Slack	Total Coal
Supplied to employees for domestic consumption.....	8,806	4,846	3,683	597	17,932	9,007	5,548	4,077		18,632
Used under colliery boilers, etc.....	121,782	220	2,031	5,070	129,103	108,430	15	1,440	7,505	117,390
Used by companies' railroads.....	7,414				7,414	4,302				4,302
Shipped (See page 90).....	2,977,760	60,768	69,339	147,469	3,255,336	2,518,050	60,675	33,134	100,813	2,712,672
Used in making briquettes.....	65				65					
Put on bank.....	11,581	93	360		12,034	31,174	245	330	617	32,360
Put on waste heap.....	8,627				2,020	10,047	5,539		400	5,039
Total disposition.....	3,136,035	65,927	75,413	155,156	3,432,531	2,676,502	66,483	38,981	109,335	2,891,301
Lifted from bank.....	12,737	118	99		43	13,047	23,031	210	90	137
Lifted from waste heap.....		185			152	337				
Total Output.....	3,123,063	65,809	75,314	154,961	3,419,147	2,653,471	66,273	38,891	109,198	2,867,833

Table 87.—Disposition of Lignite Coal from the Mines of Alberta by Grades, 1920 and 1921.
(Short Tons)

	1920					1921				
	Run of Mine	Lump	Nut and other grades	Slack	Total Coal	Run of Mine	Lump	Nut and other grades	Slack	Total Coal
Supplied to employees for domestic consumption.....	4,051	22,519	3,260	1,071	30,901	3,162	23,512	3,459	994	31,127
Used under colliery boilers, etc.....	9,655	3,627	16,320	178,255	207,857	4,618	2,405	13,929	176,834	197,786
Used by companies' railroads.....		146	3,757		3,903	349	59	2,523		2,931
Shipped (See table 91).....	186,578	2,001,953	503,028	346,204	3,037,763	200,276	1,710,598	464,251	298,479	2,673,604
Put on bunk.....	213	5,536	2,695	14,158	22,002	1,910	28,612	6,571	5,589	42,652
Put on waste heap.....	12,986	441	2,100	66,137	81,664	7,811	80	4,749	45,914	58,554
Total disposition.....	213,483	2,034,222	531,160	605,825	3,384,600	218,126	1,705,266	405,482	527,780	3,006,654
Lifted from bunk.....	371	4,880	2,499	10,702	18,452	1,360	21,566	3,916	8,687	35,529
Lifted from waste heap.....	3	210	48	4,872	5,133	500	11,434	2,509	12,172	26,705
Total Output.....	213,109	2,029,132	528,613	590,251	3,361,105	216,176	1,732,266	489,057	506,921	2,944,420

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Table 88.—Total Shipments of Coal from the Mines of Alberta by Grades and by Destinations for 1920 and 1921.
(Short Tons)

	1920					1921				
	Run of Mine	Lump	Nut and other grades	Slack	Total Coal	Run of Mine	Lump	Nut and other grades	Slack	Total Coal
Alberta.....	2,366,109	711,394	302,926	296,595	3,707,024	252,609	613,452	237,900	247,520	1,351,577
British Columbia.....	55,074	44,742	21,053	5,393	120,262	45,097	41,074	22,300	3,960	112,431
Saskatchewan.....	119,172	914,832	159,649	101,478	1,205,131	110,133	778,263	142,700	82,889	1,114,045
Manitoba.....	95,775	367,901	81,135	57,494	602,305	49,126	337,342	81,022	29,119	496,609
Ontario.....	630	4,300	7,096	721	12,837	541	3,583	3,959	3,447	11,530
United States.....	101,168	5,749	12,909	31,962	151,788	98,045	2,818	15,340	29,997	146,200
Other places.....	426,410	3,008	31	30	429,479	111,193	308	139	1,134	112,774
*Railroads.....						2,051,492	6,219	2,006	1,226	2,060,943
Total.....	3,164,338	2,082,016	584,790	493,673	6,324,826	2,718,326	1,783,059	505,432	399,292	5,406,109

* Not separately reported in 1920.

Table 89.—Shipments of Anthracite Coal from the Mines of Alberta by Grades and by Destinations, 1920 and 1921.
(Short Tons)

	1920					1921				
	Run of Mine	Lump	Nut and other grades	Slack	Total Coal	Run of Mine	Lump	Nut and other grades	Slack	Total Coal
Alberta.....		12,139	8,214	.....	20,353		3,234	3,539	.....	6,773
British Columbia.....		4,069	990	.....	5,059		1,771	704	.....	2,475
Saskatchewan.....		2,001	2,656	.....	4,657		1,530	1,503	.....	3,033
Manitoba.....		1,021	335	.....	1,356		384	.....	.....	384
United States.....		65	237	.....	302		66	342	.....	408
Other places.....						308	.....	.....	308
*Railroads.....						4,493	1,959	.....	6,452
Total.....		19,295	12,432	.....	31,727		11,786	8,047	.....	19,833

* Not separately reported in 1920.

Table 90.—Shipments of Bituminous Coal from the Mines of Alberta by Grades and by Destinations, 1920 and 1921.
(Short Tons)

	1920					1921				
	Run of Mine	Lump	Nut and other grades	Slack	Total Coal	Run of Mine	Lump	Nut and other grades	Slack	Total Coal
Alberta.....	2,233,356	12,219	37,114	63,076	2,345,765	124,022	9,130	5,143	42,952	181,247
British Columbia.....	53,483	6,175	4,207	5,360	69,225	43,244	6,113	5,989	2,902	58,248
Saskatchewan.....	74,464	23,463	20,190	33,757	151,874	69,579	22,475	14,220	21,149	127,423
Manitoba.....	88,393	17,886	6,462	32,099	141,840	42,848	21,903	6,032	13,811	84,654
Ontario.....	529	.....	.....	100	629	508	238	212	3,417	4,375
United States.....	101,125	1,025	1,366	13,077	116,593	55,680	620	1,352	14,222	111,883
Other places.....	426,410	.....	.....	.....	426,410	111,161	.....	139	1,134	112,434
*Railroads.....	.....	.....	.....	.....	.....	2,030,999	136	47	1,226	2,032,408
Total.....	2,977,760	60,768	69,339	147,469	3,255,336	2,518,050	60,675	33,134	100,813	2,712,672

* Not separately reported in 1920.

Table 91.—Shipments of Lignite Coal from the Mines of Alberta by Grades and by Destinations, 1920 and 1921.
(Short Tons)

	1920					1921				
	Run of Mine	Lump	Nut and other grades	Slack	Total Coal	Run of Mine	Lump	Nut and other grades	Slack	Total Coal
Alberta.....	132,753	717,036	257,598	233,519	1,340,906	128,677	601,088	229,224	204,508	1,163,557
British Columbia.....	1,591	34,498	15,856	33	51,978	1,853	33,190	15,607	1,058	51,708
Saskatchewan.....	44,708	859,368	136,803	67,721	1,138,600	40,554	734,258	127,037	61,740	983,589
Manitoba.....	7,382	348,994	74,338	25,395	456,109	6,278	314,995	74,990	15,308	411,571
Ontario.....	101	4,390	7,096	621	12,208	33	3,345	3,747	30	7,155
United States.....	43	4,639	11,306	18,885	34,893	2,356	2,132	13,646	15,775	33,909
Other places.....		3,008	31	30	3,069	32				32
*Railroads.....						20,493	1,590			22,083
Total.....	186,578	2,001,953	503,028	346,204	3,037,763	200,276	1,710,598	464,251	298,479	2,673,604

* Not separately reported in 1920.

Table 92.—Shipments of Coal (All Grades) from the Mines of Alberta by months and by Destinations, 1920 and 1921.
(Short Tons)

	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total
Alberta.....	315,245	307,182	299,532	232,700	219,100	278,809	266,914	281,442	310,134	338,498	446,230	405,178	3,707,024
1921	151,000	120,370	118,428	75,870	61,317	63,681	65,525	124,497	114,488	138,153	177,059	141,189	1,351,577
British Columbia.....	15,433	7,235	5,741	4,375	8,084	10,712	8,617	9,000	10,939	12,876	18,350	14,900	126,262
1921	9,925	8,193	8,246	6,778	4,523	5,611	6,213	8,667	11,643	13,703	17,004	13,925	112,431
Saskatchewan.....	159,334	69,880	64,840	63,654	70,189	89,717	98,317	124,241	133,987	95,832	172,757	152,383	1,295,131
1921	79,273	63,509	56,015	58,940	38,847	73,122	91,906	184,803	90,500	117,030	164,893	95,147	1,114,045
Manitoba.....	63,243	35,106	20,711	15,348	32,626	52,257	62,438	66,402	57,083	45,563	72,489	79,039	602,305
1921	50,983	34,751	32,564	15,214	13,422	31,790	38,431	79,654	37,895	52,481	63,720	45,704	496,609
Ontario.....	122				229	65	900	1,592	2,163	1,431	3,960	2,375	12,837
1921	1,556	624	522	1,412	1,762	400	346	947	585	1,133	1,467	776	11,530
United States.....	21,349	12,993	4,141	5,620	9,294	10,041	11,271	18,103	16,437	18,105	11,350	15,084	151,788
1921	5,575	6,633	10,736	10,151	7,067	8,779	9,171	11,342	12,502	20,137	18,985	25,122	146,200
Other places.....	87,149	50,689	32,455	23,303	44,273	26,858	22,015	32,057	33,413	18,004	15,864	43,399	429,479
1921	34,591	7,282	168	15,575	6,057	2,309	15,546	28,481	917	1,848	112,774		
*Railroads.....	173,792	187,933	171,608	105,687	122,614	133,054	169,733	190,836	204,211	210,761	200,813	2,060,943	
Total.....	661,875	483,085	427,420	345,000	383,795	468,519	470,472	530,837	570,156	530,309	741,000	712,358	6,324,826
1921	506,695	427,295	398,288	289,627	255,609	318,746	381,325	616,292	486,054	546,848	654,806	524,524	5,406,109

*Not separately shown in 1920.

Table 93.—Number of Employees in the Coal Mines of Alberta by months and by classes for 1920.

Classification	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Average
Administration and Supervision.....													
Surface.....	171	159	150	150	145	152	156	162	177	180	177	177	163
Underground.	353	341	320	305	302	321	323	329	343	348	373	393	338
Clerical assistance	173	188	177	171	170	175	177	189	194	195	202	207	185
Surface.....	3	2	3	1	2	2	3	4	5	1	1	3	3
Miners and helpers	75	116	108	119	136	21	14	156	184	65	49	90	94
Surface.....	5,082	4,155	3,172	2,558	2,869	3,138	3,215	3,405	3,816	4,208	5,141	5,343	3,849
Haulage employees	110	83	104	71	62	70	67	89	123	81	104	101	89
Surface.....	1,341	1,174	909	729	898	962	1,009	1,070	1,131	1,187	1,409	1,427	1,104
Mechanics and skill- ed labour	737	660	615	592	660	688	722	716	776	808	825	832	719
Surface.....	408	267	207	203	221	239	204	260	290	284	357	326	277
Employed at bri- quetting plant	11	11	11	9	11	10	9	10	9	9	10	10	10
Other employees	2,188	1,803	1,490	1,397	1,567	1,897	1,833	1,840	1,793	2,142	2,242	2,192	1,865
Surface.....	1,102	993	889	714	787	786	862	926	934	1,013	1,140	1,176	944
All employees	3,465	3,020	2,655	2,509	2,751	3,013	2,978	3,162	3,256	3,480	3,609	3,609	3,125
Surface.....	8,294	6,932	5,500	4,510	5,079	5,451	6,676	6,084	6,519	7,041	8,427	8,668	6,515
Total.....	11,759	9,952	8,155	7,019	7,830	8,464	8,654	9,246	9,775	10,521	12,036	12,277	9,640

Table 94.—Number of Employees in the Coal Mines of Alberta by months and by classes for 1921.

Classification	January	February	March	April	May	June	July	August	September	October	November	December	Average
Administration and supervision													
Surface.....	176	168	158	161	133	143	148	153	151	163	159	150	155
Underground.	405	373	359	328	268	280	288	304	320	344	347	344	330
Clerical assistance	203	195	192	185	163	166	180	183	188	190	192	192	186
	4	10	2	6	3	1	1	3	3	6	4	2	4
Miners and helpers	102	89	41	26	26	7	16	36	33	86	194	109	64
	5,296	5,113	3,742	3,284	2,698	3,089	3,575	4,212	4,566	5,158	5,600	5,518	4,321
Haulage employees	151	152	122	121	86	108	103	116	125	148	155	147	128
Mechanics and skilled labour	1,404	1,254	1,103	1,065	841	950	1,102	1,306	1,370	1,467	1,520	1,500	1,240
	843	780	738	690	640	646	663	705	735	767	693	755	721
Employed at briquetting plant	289	256	254	228	226	227	268	309	321	359	369	344	288
	10	10	10	10	10	10	10	10	10	10	11	11	10
Other employees	1,950	1,902	1,602	1,400	1,189	1,314	1,418	1,609	1,642	1,689	1,727	1,749	1,599
	1,181	1,060	928	880	786	770	867	961	1,009	1,015	1,096	1,124	973
All employees	3,435	3,290	2,863	2,593	2,247	2,394	2,538	2,812	2,884	3,053	3,131	3,113	2,863
	8,579	8,006	6,388	5,791	4,822	5,317	6,101	7,095	7,589	8,349	8,936	8,832	7,156
Total.....	12,014	11,362	9,251	8,384	7,069	7,711	8,639	9,907	10,473	11,402	12,067	11,945	10,019

Table 95.—Number of Employees, Work done and Wages paid by months in the Coal Mines in Alberta for year 1921.

Month	Number of Employees			Days' Work Done			Total wages paid
	Surface	Under-ground	Total	Surface	Under-ground	Total	
January.....	3,435	8,579	12,014	66,764	134,934	201,698	1,562,212
February.....	3,296	8,066	11,362	58,733	108,553	167,286	1,304,647
March.....	2,863	6,388	9,251	55,694	102,222	157,916	1,231,203
April.....	2,592	5,792	8,384	47,971	81,155	129,126	1,017,618
May.....	2,247	4,822	7,069	45,636	70,677	116,313	908,640
June.....	2,394	5,317	7,711	49,973	92,420	142,393	1,120,658
July.....	2,538	6,101	8,639	53,947	104,304	158,251	1,217,407
August.....	2,812	7,095	9,907	69,582	158,318	227,900	1,768,039
September.....	2,884	7,589	10,473	61,851	133,362	195,213	1,495,540
October.....	3,053	8,349	11,402	64,049	147,005	211,054	1,584,229
November.....	3,131	8,936	12,067	72,155	180,067	252,222	1,844,961
December.....	3,113	8,832	11,945	65,342	149,725	215,067	1,550,845
Total.....				711,697	1,462,742	2,174,439	16,605,999
Average.....	2,863	7,155	10,018	248 days per year	204 days per year	217 days per year	\$7.63 per day

Table 96.—Salaried Employees on the Coal Mine Staffs in Alberta, for year 1921.

—	Male	Female	Total Salaries
Salaried officers of corporation.....	25	1	\$ 93,250
General superintendents, managers.....	236	.....	741,256
Technical experts, accountants.....	152	.....	363,656
Clerks, stenographers, salesmen.....	187	41	387,342
Other employees.....	23	.....	21,809
Total.....	623	42	1,607,313

Table 97.—Imports of Anthracite and Bituminous Coal into Alberta from United States by Ports of Entry.
(Short Tons)

Port and Calendar Year	Anthracite			Bituminous			Total all grades
	Egg, Nut, etc.	Dust	Total	Round and run of mine	Slack	Total	
Calgary.....	1919	.....	.....	301	99	400	400
	1920	341	176	517	244	244	761
	1921	.....	.....	409	181	590	590
Edmonton.....	1919	66	.....	66	470	470	536
	1920	.....	.....	42	127	169	169
	1921	.....	.....	30	361	391	391
Lethbridge.....	1919	.....	.....	.....	162	162	162
	1920	.....	.....	31	132	163	163
	1921	.....	.....	73	73	73	73
Medicine Hat.....	1919	.....	.....	.....	99	99	99
	1920	.....	.....	31	.....	31	31
	1921	66	.....	66	358	417	841
Total for Alberta.....	1919	66	.....	66	301	830	1,131
	1920	341	176	517	348	259	607
	1921	66	.....	66	797	1,032	1,829

Table 98.—Exports of Coal through the Ports of Alberta, 1919-20-21.

	1919	1920	1921
Lethbridge.....	1,022	3,106	843
Total.....	1,022	3,106	843

Table 99.—Distribution of Coal through Retail Dealers in Alberta by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21.

(Compiled in Internal Trade Branch)

(Short tons)

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous, Lignite and others			
			1919-20	1920-21	1919-20	1920-21		
Acme.....			36.....		1,710	1,747	1,746	1,747
Alderson.....			130.....		850	803	980	803
Alliance.....					816	1,163	816	1,163
Barons.....	1,591	189	37.....		585	2,049	2,213	2,238
Bashaw.....						1,013		1,013
Bassano.....					2,208	1,192	2,208	1,192
Beiseker.....		40	103.....		1,683	707	1,786	747
Bindloss.....			162.....		678	905	840	905
Blackfoot.....					358	488	358	488
Blackie.....	282	236	435.....		2,164	2,951	2,881	3,187
Bow Island.....			34.....		482	272	482	306
Brant.....	34		210.....		1,179	1,451	1,423	1,451
Burdett.....	68	44	274.....		550	665	892	709
Cadogan.....		42			690	931	690	975
Calgary.....	2,714	6,634	1,289	1,345	67,089	62,791	71,092	70,770
Cardston.....			126		4,247	3,751	4,917	3,877
Carmangay.....	65		279.....		906	1,791	1,250	1,791
Carceland.....	36		131.....		1,113	1,337	1,280	1,337
Carstairs.....					2,948	2,447	3,284	2,447
Cayley.....			216.....		1,177	1,662	1,393	1,662
Cereal.....		33	59.....		2,408	2,068	2,467	2,101
Champion.....			285.....		737	891	1,022	891
Chauvin.....			4,268.....		1,350	1,024	5,618	1,024
Chinook.....			36.....		1,225	1,045	1,261	1,045
Claresholm.....			1,085.....		1,363	2,266	2,448	2,266
Cluny.....			92.....		1,268	1,228	1,360	1,228
Cochrane.....		34				759		793
Conipeer.....	46				1,129	734	1,175	734
Consort.....			158.....		1,932	1,559	2,090	1,559
Coronation.....			338.....		1,587	1,195	1,925	1,195
Craigmyle.....			35.....		1,456	1,383	1,491	1,383
Crossfield.....	253	33	106.....		1,154	778	1,513	811
Czar.....						1,385		1,385
Daysland.....					817	533	817	533
Didsbury.....			166.....		1,900	1,332	2,066	1,332
Edgerton.....					586	436	586	436
Edmonton.....	335	8,490	6,145	65	138,591	82,127	145,071	90,682
Empress.....	192	32	123.....		2,195	2,130	2,510	2,162
Enchant.....		43			300	211	300	254
Erskine.....					766	519	766	519
Excel.....					659	386	659	386
Foremost.....			47.....		685	759	732	759
Fort Saskatchewan.....	1,130	539	1,095	66	1,385	1,849	3,610	2,454
Galahad.....			20.....		238	111	258	111
Gleichen.....	82	43	390.....		4,450	3,802	4,922	3,845
Granum.....			197.....		1,086	1,242	1,283	1,242
Grassy Lake.....						159		159

Table 99.—Distribution of Coal through Retail Dealers in Alberta by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21—Con.

(Compiled in Internal Trade Branch)—Con.

(Short tons)—Con.

Cities and Towns	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous, Lignite and others			
			1919-20	1920-21	1919-20	1920-21	1919-20	1920-21
Hanna.....	69	327	3,864	4,373	4,191	4,442		
Hardisty.....		117	1,984	1,525	2,101	1,525		
High River.....		399	35	1,860	1,230	2,259	1,265	
Hughenden.....				1,126	417	1,126	417	
Innisfree.....					628		628	
Irma.....				1,673	1,083	1,673	1,083	
Islay.....		70	617	959	657	959		
Jarrow.....				286	245	286	245	
Jenner.....		224	1,174	1,341	1,341		1,341	
Killam.....	63				1,163		1,226	
Kirkcaldy.....		101	32	522	133		522	
Kirriemuir.....			183	203	183		203	
Kitscoty.....			744	1,298	744		1,298	
Lacombe.....		248	3,164	2,292	3,412		2,292	
Langden.....		27	759	228	786		228	
Lavoy.....			377	521	377		521	
Lougheed.....	61	71	1,758	1,745	1,829		1,806	
MacLeod.....	69	450	5,353	3,727	5,803		3,796	
Magrath.....	32	269	1,210	1,138	1,479		1,170	
Manville.....	63	174	1,138	1,340	1,312		1,403	
Manyberries.....			614	67	614		67	
Milk River.....		53	836	1,353	889		1,353	
Monarch.....			361	391	361		391	
Monitor.....		353	2,303	1,620	2,656		1,620	
Namaka.....			969	657	969		657	
Nanton.....	48	112	141	2,030	1,608	2,219		1,720
Nobleford.....		31	75	1,098	897	1,173		928
Oyen.....		117	377	3,765	3,226	4,142		3,343
Parkland.....			111	994	1,051	1,105		1,051
Pincher Creek.....		103	293	15	1,786	1,339	2,079	1,477
Ponoka.....			37	1,713	1,442	1,750		1,442
Provost.....			179	2,201	2,254	2,470		2,254
Raymond.....		107	607	2,424	2,884	3,031		2,991
Red Deer.....		127	3,185	467	3,945	1,246	7,130	1,840
Retlaw.....			134	690	781	824		781
Sedgewick.....	34		73	1,070	1,890	1,177		1,890
Sibbald.....					774			774
Stavely.....			48	1,919	2,221	1,919		2,209
Strathmore.....		36	175	2,477	2,098	2,652		2,134
Strome.....				792	2,144	792		2,144
Travers.....				385	287	385		287
Vegreville.....		1,318	228	133	3,685	4,618	5,136	4,876
Vermillion.....			654	1,572	1,859	2,226		1,859
Viking.....		223		138	2,102	2,257	2,325	2,395
Vulcan.....		37	30	442	2,351	2,347	2,830	2,377
Wainwright.....				3,087	3,032	3,087		3,032
Walsh.....				105	487	105		487
Warner.....			78	462	2,172	2,099	2,634	2,177
Wetaskiwin.....		631	62	580	387	2,271	1,598	2,333
Woodhouse.....				51	183	796	234	796
Youngstown.....		30	63	161	2,450	2,830	2,641	2,899
Othermunicipalities(195)		1,760	930	7,449	255	73,715	60,013	82,924
Total.....		10,909	18,973	37,155	2,464	412,273	345,670	460,337
								367,107

CHAPTER TEN.

BRITISH COLUMBIA AND THE YUKON.

Output and Distribution.—The annual consumption of coal in British Columbia is slightly less than 2,000,000 tons and as the provincial output is in the neighborhood of 3,000,000 tons of bituminous the province is self-sustaining and is able to ship considerable quantities either interprovincially or for export trade. In 1920 and 1921 the shipments of British Columbia coal to other Canadian provinces amounted to 148,000 tons and 57,000 tons respectively, while receipts in British Columbia of Canadian coal from other provinces were 126,000 tons in 1920 and 114,000 tons in the following year. The province shipped for export well over 1,000,000 tons in each year, and received from the United States some 13,000 tons in 1920 and 17,000 tons in 1921.

The historical summary of the output of coal from British Columbia mines from 1836 to date is given in Table 100.

Table 100.—Annual Production of Coal in British Columbia.

Calendar Year	Output	Value	Calendar Year	Output	Value
1836 to 1873.....	480,785	\$ 1,923,140	1898.....	1,130,455	\$ 3,384,858
1874.....	81,547	243,183	1899.....	1,306,324	3,833,307
1875.....	110,145	292,932	1900.....	1,590,178	4,799,553
1876.....	139,192	420,555	1901.....	1,691,537	5,141,487
1877.....	154,052	419,076	1902.....	1,641,626	4,844,040
1878.....	170,846	572,544	1903.....	1,450,663	4,490,844
1879.....	241,301	697,170	1904.....	1,685,698	4,989,174
1880.....	267,595	817,056	1905.....	1,736,696	5,211,030
1881.....	228,357	688,542	1906.....	1,899,076	5,748,915
1882.....	282,139	865,716	1907.....	2,219,602	7,390,306
1883.....	213,299	643,059	1908.....	2,111,931	7,292,838
1884.....	394,970	1,181,598	1909.....	2,388,196	8,144,147
1885.....	365,596	999,072	1910.....	3,152,207	10,408,580
1886.....	326,636	1,005,576	1911.....	2,304,704	7,945,413
1887.....	413,360	1,302,165	1912.....	2,857,345	10,028,116
1888.....	489,301	1,445,001	1913.....	2,587,357	8,482,562
1889.....	579,830	1,704,747	1914.....	2,182,164	6,999,374
1890.....	678,140	2,056,035	1915.....	1,962,817	6,455,041
1891.....	1,029,097	3,027,528	1916.....	2,487,012	8,075,190
1892.....	826,335	2,510,406	1917.....	2,375,745	8,235,716
1893.....	978,294	2,930,304	1918.....	2,570,624	11,404,681
1894.....	1,012,953	2,980,254	1919.....	2,649,516	13,512,532
1895.....	939,654	2,834,019	1920.....	3,005,011	18,105,814
1896.....	894,882	2,688,668	1921.....	2,890,291	15,676,774
1897.....	802,296	2,730,510	Total.....	64,072,617	227,669,206

Note.—The values given for the production from 1836 to 1918 represent sales values of coal sold or used. For the last three years, values of the entire mine output were obtained.

For the years 1919, 1920 and 1921 the monthly output figures for each of the three districts into which it has been found convenient to divide the province, have been collected in Table 101. The districts shown are Crows' Nest Pass, Island and Inland. A more detailed analysis of the output showing the quantities mined in each month of the past three years by collieries has been prepared and the data are given in Table 102. Only those collieries producing 500 tons or more per month on the average have been separately listed. The best month's output in the past three years was in January, 1920 when a total of 284,239 tons was mined. The lowest output in the same three years was recorded for the month of June, 1919 when only 136,554 tons was raised. The output from British Columbia mines has been well maintained during the past three years, the figures for 1919 and 1921 being about the same with 1920 high at 3,095,011 tons.

Data regarding the disposition of coal in British Columbia mines are only available for 1920 and 1921, and Table 103 shows the quantities of coal disposed of by the mines each month. The disposition is reviewed under ten items. In Table 105 the distribution of coal from British Columbia mines in 1920 and 1921 is shown by grades.

Among the items shown in the disposition table, the one showing the total quantities shipped has been further analysed in Tables 104 and 106. Table 105 shows the quantities shipped each month of the past two years according to the destination of the shipments, while Table 106 shows the quantities shipped and destination in the same years by grades of coal.

Table 101.—Output by months and by Districts in British Columbia for 1919, 1920 and 1921.
(Short Tons)

Months	Districts			Total
	Crow's Nest Pass	Island	Inland	
January.....	1919 80,781	177,038	9,709	267,528
	1920 85,716	180,959	17,564	284,239
	1921 64,645	160,149	17,776	242,570
February.....	1919 41,184	166,986	6,861	218,031
	1920 75,099	155,063	16,454	246,616
	1921 68,859	151,689	15,645	230,193
March.....	1919 64,310	180,500	6,379	251,189
	1920 65,784	162,042	13,635	241,461
	1921 76,979	152,952	13,367	243,298
April.....	1919 52,528	160,391	4,639	217,553
	1920 79,019	158,982	11,105	249,106
	1921 66,470	148,451	15,062	229,983
May.....	1919 49,201	152,889	4,607	206,097
	1920 73,236	142,881	11,348	227,465
	1921 56,702	146,694	11,123	214,524
June.....	1919 87,206	128,142	8,412	136,554
	1920 60,218	166,314	12,923	260,443
	1921 247	131,295	10,931	202,444
July.....	1919 85,128	142,613	9,440	152,300
	1920 67,867	157,790	12,358	255,274
	1921 17,482	146,050	19,185	233,102
August.....	1919 84,980	141,044	12,391	170,917
	1920 87,450	159,148	11,948	256,076
	1921 60,219	169,771	20,448	277,669
September.....	1919 81,583	148,538	11,340	226,097
	1920 75,131	166,826	12,261	260,670
	1921 83,289	166,305	18,703	263,139
October.....	1919 84,885	174,012	12,615	271,512
	1920 53,756	184,458	13,447	251,661
	1921 74,310	175,357	20,767	270,434
November.....	1919 83,962	166,509	13,712	263,510
	1920 91,038	182,670	14,942	283,574
	1921 83,290	127,944	21,772	240,754
December.....	1919 87,819	170,357	13,946	267,623
	1920 57,197	170,516	14,091	272,426
	1921 626,416	1,909,049	23,377	2,649,516
Total.....	1920 945,288	1,987,649	162,074	3,095,011
	1921 846,866	1,835,264	208,161	2,890,291

Table 102.—Output by Principal Collieries (Average of 500 tons or over per month) in British Columbia by months
for 1919, 1920, 1921.
(Short Tons)

Colliery	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Total
Canadian Collieries (Duns- muir).	90,379	84,886	101,431	86,166	80,823	65,671	74,436	67,940	72,757	84,979	80,997	82,207	972,672
1920	78,840	59,749	66,172	65,030	56,256	69,832	73,178	67,974	72,813	78,450	70,973	84,952	844,225
1921	66,347	70,202	76,349	71,323	74,034	62,949	76,720	64,350	62,733	68,440	48,172	65,109	806,734
Canadian Western Fuel Co., Ltd.	72,129	69,073	64,965	61,397	54,934	41,160	48,552	55,995	58,358	64,810	57,386	60,996	709,755
Western Fuel Corporation of Canada.	68,398	63,654	62,436	60,504	58,456	63,250	63,168	68,962	63,590	67,833	70,897	59,022	770,170
Coalmont Collieries Ltd.	66,131	51,657	53,308	44,227	42,181	40,569	43,578	74,435	75,092	73,492	47,521	55,349	667,540
1920	345	345											690
1921	3,143	4,317	5,477	6,278	1,443		7,555	9,407	7,244	6,276	10,146	9,057	70,343
Corbin Coal & Coke Co., Ltd.	5,549	3,909	4,685	5,953	4,302		247	9,449	10,682	13,842	15,038	16,138	89,884
1920	12,643	11,149	11,330	13,120	12,399	16,904	17,654	16,079	16,962	16,167	10,474	9,867	163,348
1921	6,934	8,442	7,316	6,217	6,506	5,017	3,774	7,660	4,887	5,435	5,015	4,758	72,021
Crows Nest Pass Coal Co., Ltd.	75,232	40,185	50,625	46,575	44,899			8,033	55,537	71,043	68,251	67,152	536,832
1920	73,073	63,950	54,451	65,899	60,837	70,302	67,474	68,301	64,021	37,589	75,488	77,952	779,940
1921	57,711	60,417	69,663	60,233	50,136	55,201	64,093	79,790	70,241	68,875	86,023	52,439	774,845
Fleming Coal Co., Ltd.	4,770	4,032	3,886	2,710	3,140	3,214	3,068	2,778	2,601	2,441	2,294	3,384	38,318
1921	4,269	3,713	2,108	2,942	3,587	3,036	3,602	4,004	4,284	4,584	3,869	4,428	45,026
Granby Cons. Mg. S. & P. Co.	2,740	3,238	1,058	3,140	7,713	11,841	11,728	3,429	8,681	14,220	17,067	16,578	101,433
1920	18,491	16,051	19,674	20,632	16,920	23,531	10,111	9,889	18,454	24,307	26,697	20,472	225,229
1921	21,877	24,282	17,722	29,774	27,285	25,777	22,474	26,658	25,059	27,164	25,384	27,781	301,237
Middlesboro Collieries Ltd.	8,182	4,408	5,170	3,097	3,481	6,828	8,032	10,110	8,383	9,809	9,061	9,649	86,860
1920	9,306	8,930	8,385	6,974	7,066	7,882	6,918	7,341	7,445	8,784	9,380	9,594	98,005
1921	9,503	6,728	4,564	5,546	5,554	6,770	7,234	5,563	5,311	6,977	4,991	7,186	75,927
Nanoose Wellington Coal Co.	3,020	573	2,125		590	1,581	2,194	2,389	2,582	4,378	3,709	3,160	26,301
1919	2,777	2,787	2,182	2,358	2,521		2,731	3,240	4,031	5,345	4,541	2,482	34,995
1920	5,794	5,548	5,573	3,127	3,194	2,000	3,272	4,328	6,421	6,261	6,807	7,368	59,753
Pacific Coast Coal Mines Ltd.	8,770	9,216	10,921	9,688	8,829	7,889	5,703	11,291	6,159	5,625	7,350	7,446	98,887
1920	8,590	9,802	11,578	10,452	8,728	9,701	8,602	9,083	7,938	8,523	9,562	3,588	106,147
Princeton Coal & Land Co., Ltd.	1,101	2,186	861	942	1,126	1,426	1,238	2,201	2,903	2,655	4,406	3,657	24,702
1920	2,783	2,939	1,112	1,421	1,142	1,827	2,370	1,829	2,185	2,222	3,208	1,113	24,211
1921	861	887	1,218	290	544	525	794	1,474	1,864	2,930	2,766	2,706	16,865
Vancouver Nanaimo Mg. Co., Ltd., The.	3,863	3,020											6,883
All other Operators	426	267	348			158	120	80	55	151	245	640	2,490
1920	360	208	252						30				850
1921													
Total for British Columbia	267,528	218,031	251,189	217,558	206,697	130,554	152,300	170,917	226,097	271,512	263,510	207,023	2,649,516
1920	284,230	246,616	241,461	249,106	227,465	266,443	255,274	256,076	260,670	251,661	283,574	272,426	3,095,011
1921	242,570	236,193	243,298	229,983	214,524	202,444	233,102	277,669	263,139	270,434	240,754	236,181	2,890,291

Table 103.—Disposition of Coal from the Mines of British Columbia by months, 1920 and 1921.
(Short Tons)

Disposition		January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Total
Supplied to employees for domestic consumption.	1920	4,978	2,607	2,488	2,397	1,724	1,755	1,177	1,346	2,295	2,511	2,860	3,365	29,503
	1921	3,079	2,900	2,700	2,074	1,826	1,731	1,368	1,691	2,274	2,549	3,169	3,071	29,032
Used under colliery boilers....	1920	22,327	19,199	20,292	20,010	19,157	19,007	18,579	19,233	19,568	19,080	20,859	20,335	237,676
	1921	18,502	17,339	17,056	15,553	13,146	13,666	13,201	17,795	18,923	18,059	18,598	18,138	199,976
Used by company's railroads....	1920	1,343	1,170	1,210	1,485	1,306	1,034	1,185	1,031	1,120	1,130	1,892	1,324	15,230
	1921	1,408	1,345	1,166	1,348	1,088	1,610	1,243	1,268	1,245	2,228	1,627	2,440	18,052
Shipped (see Table 105)	1920	224,522	195,402	174,778	199,650	179,356	206,996	203,991	213,202	208,617	198,028	219,021	212,784	2,436,347
	1921	178,017	181,563	191,458	186,527	173,120	162,502	194,754	217,274	217,211	209,900	202,410	171,424	2,286,226
Used in making coke at colliery.	1920	11,651	8,807	12,755	9,887	9,875	9,090	7,861	7,340	7,429	5,602	10,251	12,222	113,850
	1921	12,283	9,258	12,021	9,892	5,749	5,641	6,407	7,135	7,520	17,602	6,155	9,368	109,031
Put on bank.....	1920	3,197	18,527	7,977	580	2,448	5,395	6,027	2,564	3,553	5,674	11,876	5,041	72,862
	1921	12,614	6,548	6,458	2,472	3,487	4,838	4,167	15,300	3,513	5,678	3,375	14,467	82,926
Put on waste heap.....	1920	30,475	27,177	28,758	28,297	24,169	24,180	22,956	20,746	23,433	25,678	20,968	24,614	301,400
	1921	64,113	23,190	24,938	26,850	19,619	15,859	19,567	21,419	21,507	21,259	13,823	20,180	292,366
Total Disposition....	1920	298,493	272,979	248,258	262,336	237,975	268,369	261,776	265,462	266,015	257,793	287,727	279,685	3,206,868
	1921	200,010	212,149	255,797	214,722	218,035	205,883	240,707	281,921	272,193	277,335	249,163	239,688	3,017,609
Lifted from bank.....	1920	14,254	26,363	6,797	13,230	10,510	1,926	6,502	9,386	5,345	6,132	4,153	7,259	111,857
	1921	47,446	5,956	12,499	14,739	3,511	8,439	7,605	4,252	9,054	6,901	8,409	3,507	127,318
Total Output.....	1920	284,239	246,616	241,461	249,106	227,465	266,443	255,274	256,076	260,670	251,661	283,574	272,420	3,095,011
	1921	242,570	236,193	243,298	229,983	214,524	202,444	233,102	277,669	263,139	270,434	240,754	236,181	2,890,291

Table 104.—Shipments of Coal from the mines of British Columbia by months and by destinations, 1920 and 1921.
 (Short tons)

Destinations	January	February	March	April	May	June	July	August	September	October	November	December	Total	
British Columbia.....														
1920	126,003	114,649	109,654	116,223	93,975	117,699	111,462	106,125	104,182	128,428	123,282	121,207	1,372,889	
1921	103,135	113,278	101,752	83,298	99,549	79,539	86,537	86,575	107,635	98,445	87,879	116,513	1,164,135	
Alberta.....	587	1,959	609	709	651	463	638	1,063	1,303	478	460	268	9,278	
1921	217	515	536	584	1,101	693	221	2,422	232	149	481	635	7,786	
Saskatchewan.....	1,630	707	707	2,304	1,682	1,464	2,208	2,572	3,422	2,578	3,012	2,398	24,744	
1921	2,577	2,626	2,838	2,115	1,249	224	553	1,592	1,017	1,082	2,548	4,026	23,047	
Manitoba.....	328	122	1,779	8,619	10,532	18,528	30,342	15,150	5,362	5,119	9,475	8,861	114,226	
1921	6,121	5,272	3,227	1,506	1,548	1,010	1,591	1,455	1,814	1,275	977	408	26,204	
Yukon.....	1920													
1921	6,106	2,551											8,657	
United States.....	95,974	77,965	62,029	71,705	72,516	68,842	54,262	79,050	84,859	57,068	74,652	73,702	872,633	
1921	46,466	48,654	75,135	84,760	62,850	69,947	90,191	110,501	95,651	95,434	95,493	35,848	916,930	
Railroads.....	1920	Not separately shown.												
1921	12,704	7,326	7,970	7,597	4,018	7,352	6,919	8,237	6,417	7,836	7,325	7,201	90,902	
Other places.....	1920							5,019	9,224	9,480	4,357	8,140	6,348	
1921	691	1,341		6,667	2,805	3,737	2,742	6,492	3,845	5,739	7,713	6,793	42,577	
Total.....	1920	224,522	195,402	174,778	199,050	179,356	206,996	203,991	213,202	208,617	198,028	219,021	212,784	
	1921	178,017	181,563	191,458	186,527	173,120	162,502	194,754	217,274	217,211	209,960	202,416	171,424	2,436,347
													2,286,226	

Table 105.—Disposition of Coal from the Mines of British Columbia by Grades for 1920 and 1921.
(Short tons)

	1920				1921			
	Run of Mine	Screened	Slack	Total Coal	Run of Mine	Screened	Slack	Total Coal
Supplied to employees for domestic consumption.....	711	28,725	67	29,503	231	27,603	1,198	29,032
Used under colliery boilers, etc.....	62,129	8,290	167,251	237,676	49,179	624	150,173	199,970
Used by company's railroads.....	2,402	12,088	680	15,230	593	4,638	12,821	18,052
Shipped (See Table 105).....	752,850	1,250,738	432,759	2,436,347	693,768	1,012,866	579,502	2,286,226
Used at making coke at colliery.....	10,251		103,590	113,850		5,684	103,347	109,031
Put on bank.....	4,058	24,571	41,233	72,862	33,050	27,336	22,500	82,926
Put on waste heap.....	10,896	363	284,141	301,400	4,335	136	287,895	292,306
Total Disposition.....	840,357	1,324,781	1,032,730	3,206,868	781,106	1,078,837	1,157,526	3,017,609
Lifted from bank.....	9,503	34,246	68,108	111,857	21,515	27,138	78,665	127,318
Total Output.....	830,854	1,290,535	964,622	3,095,011	759,681	1,051,749	1,078,861	2,890,291

Table 106.—Shipments of Coal from the Mines of British Columbia by Grades and by Destinations, 1920 and 1921.
(Short tons)

Destinations	1920				1921			
	Run of Mine	Screened	Slack	Total Coal	Run of Mine	Screened	Slack	Total Coal
British Columbia.....	180,423	666,124	326,342	1,372,889	129,031	655,534	379,570	1,161,135
Alberta.....	6,794	2,037	447	9,278	4,706	195	2,885	7,786
Saskatchewan.....	11,250	10,004	3,400	24,744	8,981	7,281	6,785	23,047
Manitoba.....	92,087	3,347	18,792	114,226	23,133	351	2,720	26,204
Yukon.....						8,657		8,657
United States.....	462,197	328,596	81,840	872,633	520,453	233,082	163,395	916,930
Railroads.....		Not separately shown.			7,464	59,938	23,500	90,902
Other places.....	99	40,630	1,848	42,577		47,828	737	48,565
Total.....	752,850	1,250,738	432,759	2,436,347	693,768	1,012,866	579,502	2,286,226

Employees, Salaries and Wages.—The trend of employment in the coal mines of British Columbia was fairly constant during 1920 and 1921, the lowest number of employees on the colliery pay-rolls was for June, 1920 when 5,799 men were engaged. The maximum employment was established in October of 1921 with 7,030 names on the rolls. The average number employed in 1920 was 6,151, while in 1921, the monthly average was raised to 6,694 employees. Table 107 shows the number employed by months and by classes in 1920, and Table 108 shows similar data for the year 1921.

The data collected in Table 109 show the number of days' work done by surface and underground employees separately during each month of 1921, and also the monthly wages paid. From the data given, a computation has been made which shows that each surface employee worked on the average 274 days during the year, and each underground employee worked 232 days during the year. Computed on the basis of the total number of man-days' work done during the year and the average number of employees, the average number of days' work done by each man was found to be 218 days for the year, and the average wage received as computed from the total wages paid during the year and the total number of man-days' work done in the mines of British Columbia was \$6.37 per day.

Table 110 shows the number of salaried employees by classes and the total salaries paid to them during the year.

Tonnage Lost.—In connection with the data given in Table 109, the figures shown in Table 113 are of interest as it is there shown for each district what percentage of the possible production was raised and what percentage of tonnage was lost. An analysis has also been made of the percentage tonnage lost. This table is of course computed in a somewhat arbitrary way, but it is believed the information given will be found of value. The method used was as follows: The output of coal during each month was divided by the total number of man-days' work done by all men whose names appear on the colliery pay-rolls. This figure gave the tonnage produced per man-day. The total number of shifts lost by the men on the colliery pay-rolls was added to the total number of man-days' work done and this number of shifts multiplied by the average tonnage produced per man-day was taken as the possible production during the month. The difference between this quantity and the actual output for the month was considered tonnage lost and the percentage lost from each cause was computed on the basis of the number of shifts lost from each of the mentioned causes.

Imports and Exports.—As reported by the Department of Customs the exports of Canadian coal from British Columbia ports during 1919-20-21 are given in Table 111. Imports of anthracite and bituminous coal into British Columbia are shown by ports of entry for each of the past three years in Table 112.

YUKON.

Small quantities of coal have been mined in the Yukon in recent years and Table 115 presents a historical summary of the annual production. In 1921 three employees worked during the months of June, July and August, and produced 233 tons of coal. During the three years 1919-1920 and 1921 the exports of Yukon coal according to Customs records amounted to 140 tons, 64 tons and 32 tons respectively. The total wages paid to the coal miners in the Yukon in 1921 amounted to \$1,000.

Table 107.—Number of Employees in the Coal Mines of British Columbia by classes for each month in 1920, and for the year.

Classification	January	February	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Average
Administration and supervision													
Surface.....	62	62	54	53	53	51	52	55	54	54	54	51	55
Underground.....	163	162	164	167	165	167	170	172	172	163	175	182	168
Clerical assistance.....	101	101	116	117	117	118	119	118	123	122	121	128	117
Miners and helpers													
Surface.....	14	14	1							6	6	3	
Underground.....	1,935	1,942	1,832	1,839	1,748	1,759	1,800	1,830	1,910	1,943	2,076	2,111	1,895
Haulage employees													
Surface.....	56	48	47	48	48	46	50	49	51	50	51	64	50
Underground.....	847	847	735	728	705	693	708	767	782	842	872	880	784
Mechanics and skilled labour													
Surface.....	537	519	530	542	548	536	577	594	576	575	587	574	539
Underground.....	186	185	202	204	201	219	224	230	232	289	305	326	234
Employees at coke ovens.....	73	79	70	64	67	70	70	65	53	72	75	75	69
Other white employees													
Surface.....	832	842	795	780	760	757	761	775	787	742	739	733	775
Underground.....	450	454	525	503	494	487	483	536	546	366	393	557	484
Japanese													
Surface.....	1	1	1	1	1	1	1	1	1	1	1	2	1
Underground.....	81	81	83	78	75	72	70	79	75	74	72	83	76
Chinese													
Surface.....	526	521	489	466	468	274	475	504	497	502	483	480	474
Underground.....	433	433	432	393	375	370	373	369	366	360	362	398	389
Indians													
Surface.....						176							15
Underground.....	4	4	4	4	4	3	3	3	3	3	3	3	3
All employees													
Surface.....	2,202	2,187	2,112	2,071	2,062	2,029	2,105	2,161	2,142	2,118	2,117	2,113	2,118
Underground.....	4,099	4,108	3,977	3,910	3,767	3,770	3,846	3,092	4,086	4,010	4,258	4,540	4,033
Total.....	6,301	6,295	6,089	5,987	5,829	5,799	5,051	6,153	6,228	6,158	6,375	6,653	6,154

Table 108.—Number of Employees in the Coal Mines of British Columbia by months and by Classes for 1921.

Classification		January	February	March	April	May	June	July	August	September	October	November	December	Average
Administration	Surface.....	37	26	35	35	34	34	34	31	31	31	51	31	34
	Underground.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Foremen and clerks	Surface.....	146	153	149	156	157	155	158	157	158	151	161	159	155
	Underground.....		1	1	1	1	1	1	1	1	1	1	2	1
Screenmen and loaders	Surface.....	191	194	185	191	192	198	198	193	210	205	169	194	193
Officials	Underground.....	184	174	179	181	183	177	181	196	185	192	188	191	184
Hand cutters and helpers	Surface.....													
Machine cutters	Underground.....	2,168	2,240	2,134	2,165	2,133	2,111	2,188	2,182	2,206	2,285	2,379	2,368	2,214
Machine loaders and helpers	Underground.....	49	49	49	49	48	40	41	46	44	45	47	47	46
Horse haulage employees	Surface.....	39	49	54	53	47	45	47	42	118	113	43	46	58
Mechanical haulage employees	Underground.....	430	441	431	435	437	425	440	432	440	457	463	451	441
Ventilation employees	Surface.....	1	1	2	1	1	1	1	1	1	1	1	1	1
Roadmakers	Underground.....	80	89	85	85	90	91	97	78	75	73	79	71	83
Timbermen	Surface.....	1	1	3	1	1					6			1
	Underground.....	150	127	109	121	122	117	120	125	122	130	128	127	125
Pumpmen	Surface.....	198	202	205	205	207	221	221	211	218	225	212	212	211
Enginemen	Underground.....	51	50	52	53	53	49	40	54	56	56	60	57	53
Firemen	Surface.....	109	115	107	104	97	97	98	99	104	95	95	94	101
Machinists	Surface.....	69	61	75	70	77	75	76	71	72	69	68	67	71
	Underground.....	75	73	91	89	88	85	87	85	84	92	92	82	85
Carpenters and masons	Surface.....	162	153	126	129	123	129	129	132	138	139	126	129	135
Other mechanics	Underground.....													
All other white employees	Surface.....	119	113	111	114	113	113	115	134	135	128	125	134	121
	Underground.....	10	10	16	8	8	10	10	9	9	9	10	10	10
Japanese	Surface.....	603	582	582	550	516	534	600	676	693	734	717	659	620
	Underground.....	366	364	355	393	388	392	401	386	404	412	420	423	392
Chinese	Surface.....	82	90	89	80	80	92	86	80	88	84	84	81	85
	Underground.....	505	464	431	419	410	405	403	432	440	455	431	434	436
Indians	Surface.....	410	418	419	416	416	412	419	431	419	396	407	384	412
	Underground.....	69												6
All employees	Surface.....	3	3	3	3	3	3	3	3	3				2
	Underground.....	2,112	1,963	1,928	1,891	1,836	1,847	1,928	2,032	2,092	2,120	2,062	2,014	1,985
Total.....		6,730	6,669	6,488	6,517	6,426	6,413	6,612	6,701	6,861	7,030	6,995	6,894	6,694

Table 109.—Number of Employees, Work Done, and Wages paid by months in the Coal Mines in British Columbia for year 1921.

Month	Number of Employees			Days' work done			Total Wages paid
	Surface	Under- ground	Total	Surface	Under- ground	Total	
January.....	2,112	4,618	6,730	48,260	93,526	141,786	925,649
February.....	1,963	4,706	6,669	41,057	91,651	132,708	817,141
March.....	1,928	4,560	6,488	45,145	91,213	136,358	859,890
April.....	1,891	4,626	6,517	42,839	84,216	127,055	918,183
May.....	1,836	4,590	6,426	40,993	83,943	124,936	774,357
June.....	1,847	4,566	6,413	39,782	78,281	118,063	757,922
July.....	1,928	4,684	6,612	41,061	82,553	124,614	871,749
August.....	2,032	4,669	6,701	48,584	101,234	149,818	957,747
September.....	2,092	4,769	6,861	47,241	99,076	146,317	977,336
October.....	2,126	4,904	7,030	48,084	99,281	147,365	1,011,138
November.....	2,062	4,933	6,995	48,003	95,422	143,425	790,392
December.....	2,014	4,880	6,894	54,432	95,812	150,244	810,245
Total.....				546,091	1,096,598	1,642,689	10,471,749
Average.....	1,986	4,708	7,528	274 days per man per year	232 days per man per year	218 days per year	\$6.37 per day

Table 110.—Salaried Employees on the Coal Mine Staffs in British Columbia, 1921.

	Male	Female	Total Salaries
Salaried officers of corporation.....	9	1	65,216
General superintendents, managers.....	49		217,214
Technical experts, accountants.....	76		207,219
Clerks, stenographers, salesmen.....	139	28	306,672
Other employees.....			
Total.....	273	29	796,321

Table 111.—Exports of Coal through the Ports of British Columbia, 1919-20-21.

(Short tons)

	1919	1920	1921
Abbotsford.....	229	423	285
Cranbrook.....	160,237	245,681	193,712
Fernie.....	342,107	446,592	528,174
Grand Forks.....	144	646	471
Nanaimo.....	500,441	489,092	431,501
Nelson.....	35		
New Westminster.....	63	40	267
Penticton.....	6,873	5,026	25,934
Prince Rupert.....	91	45	945
Vancouver.....	2,067	1,009	172
Victoria.....	1,014	1,649	1,035
Total.....	1,014,201	1,191,103	1,182,496

Table 112.—Imports of Anthracite and Bituminous Coal from United States into British Columbia and the Yukon by Ports of Entry, 1919-20-21.

(SHORT TONS)

Calendar Years	Anthracite			Bituminous			Total, all grades
	Egg, Nut, etc.	Dust	Total	Round	Slack	Total	
<i>British Columbia—</i>							
Abbottsford.....					50	50	50
1919.....					1	1	1
1920.....					49	49	49
1921.....							
Fernie.....				67		67	67
1919.....							
1920.....							
1921.....							
Grand Forks.....				70		70	70
1919.....							
1920.....				83		83	83
1921.....							
Greenwood.....				10		10	10
1919.....							
1920.....							
1921.....							
Nanaimo.....				6		6	6
1919.....							
1920.....				32		32	32
1921.....							
Nelson.....				889	173	1,002	1,062
1919.....							
1920.....				559	191	750	750
1921.....				262		262	262
New Westminster.....	135		135	1,709		1,709	1,844
1919.....	135		135	75		3,212	3,287
1920.....	75			3,212			
1921.....				3,808	40	3,848	3,848
Penticton.....				100	90	190	190
1919.....							
1920.....				5		5	5
1921.....							
Prince Rupert.....		1	1		44	44	45
1919.....		1	1				
1920.....				7	3,292	3,299	3,299
1921.....		2	2				2
Revelstoke.....				39	29	68	68
1919.....							
1920.....				72		72	72
1921.....							
Rosslard.....				559		559	559
1919.....							
1920.....							
1921.....							
Vancouver.....				2,378	223	2,601	2,601
1919.....							
1920.....				4,717	154	4,871	4,871
1921.....	249		249	12,535	43	12,578	12,827
Victoria.....							
1919.....				522		522	522
1920.....				654		654	654
1921.....				235		235	235
Total for British Columbia.....	135	1	136	6,210	490	6,700	6,836
1919.....	135	1	136				
1920.....	75		75	9,372	3,756	13,128	13,203
1921.....	249	2	251	16,926	155	17,081	17,332
<i>Yukon—</i>							
White Horse.....							
1919.....				9		9	9
1920.....							
1921.....				5		5	5
Total for the Yukon.....							
1919.....				9		9	9
1920.....							
1921.....				5		5	5

Table 113.—Tonnage lost in the Coal Mines of British Columbia in 1921.

District	Per cent Produced	Per cent Lost	Per cent lost through				
			Absentee- ism	Lack of Orders	Car shortage	Mine disability	Other causes
Crows' Nest Pass.....	68	32	2	29	.....	.....	1
Inland.....	74	26	.....	18	7	7	1
Island.....	82	18	4	12	.....	1	1

Table 114.—Distribution of coal through Retail Dealers in British Columbia by Municipalities during the years April 1 to March 31, 1919-20 and 1920-21.

(Compiled in Internal Trade Branch)

(Short tons)

Towns and Cities	Anthracite		Bituminous				Total	
	1919-20	1920-21	United States		Canadian Bituminous, Lignite and others			
			1919-20	1920-21	1919-20	1920-21	1919-20	1920-21
Kamloops.....	397	331	315	24	1,837	3,195	2,549	3,500
Mission City.....	135	135	50	.....	640	.....	.....	825
Nelson.....	434	196	1,665	186	8,069	9,674	10,168	10,056
New Westminster.....	82	679	2,544	.....	8,198	13,659	10,824	14,338
Revelstoke.....	1,835	159	259	.....	1,808	852	3,902	1,011
Rossland.....	135	.....	606	.....	587	1,441	1,328	1,441
Vancouver.....	15,171	8,834	28,353	4,075	160,967	119,933	204,521	132,842
Victoria.....	7,300	3,553	11,679	671	39,029	37,259	58,008	41,483
Other Municipalities (34)	10,771	1,922	8,030	489	37,753	34,649	56,554	37,060
Total.....	36,125	15,809	53,481	5,495	258,248	220,302	347,854	241,606

Table 115.—Annual Production of Coal in Yukon Territory.

Calendar year	Short tons	Value	Calendar year	Short tons	Value
1901.....	*5,804	\$86,230	1911.....	2,840	\$12,780
1902.....	4,910	37,280	1912.....	9,245	44,958
1903.....	1,849	29,584	1913.....	19,722	95,945
1904.....	.....	.....	1914.....	13,443	53,760
1905.....	7,000	21,000	1915.....	9,724	38,896
1906.....	7,000	28,000	1916.....	3,300	13,200
1907.....	15,000	60,000	1917.....	4,872	†29,232
1908.....	3,847	21,158	1918.....	2,900	11,600
1909.....	7,364	49,502	1919.....	.....	.....
1910.....	16,185	110,925	1920.....	233	2,472
			Total.....	135,298	\$746,522

*Part of this production was mined in 1900.

†Value not reported, but estimated.

Note.—Production quantities and values prior to 1919 refer to sales and colliery consumption. For 1921 mine output figures are given.

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