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# THE COAL MINING INDUSTRY

For the Calendar Year 1963

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## THE COAL MINING INDUSTRY

For the Calendar Year 1963

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# THE COAL MINING INDUSTRY

For the Calendar Year 1963

## STATISTICS ON COAL AS COMPILED IN THE DOMINION BUREAU OF STATISTICS

This report includes statistics for industry 061 – Coal Mines of the Standard Industrial Classification Manual (Catalogue No. 12 -501).

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

### (1) Coal Mine Statistics

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

At the end of the year a detailed statement on employment, salaries and wages, fuel, process supplies and other statistics of a general character is obtained from each mine.

### (2) Imports and Exports

The coal import data shown in the Trade of Canada reports include only the tonnages entered for consumption, or in other words, the quantity cleared from customs. However, the import data as recorded in the following pages of this report, unless otherwise indicated, include the total quantity of coal reaching Canadian customs ports whether or not it is cleared from customs. There is usually little difference between the two sets of figures for anthracite coal importations, but for bituminous coal there sometimes is considerable difference, due to the fact that large quantities of this coal, imported for industrial use, remain at the port of entry with duty unpaid until required. In addition to these import data a close check is maintained on the regional rail and water movements of anthracite and bituminous coal.

### (3) Publications on Coal

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

- (1) Preliminary monthly summary of coal production and imports, issued approximately four weeks after the end of the month under review.
- (2) Final monthly report on coal and coke production, imports, exports, retail sales, industrial consumption, etc., issued about nine weeks after the month to which it refers.
- (3) Annual printed report on the Coal Mining Industry with final figures on production, imports, exports, employment, earnings, etc.

### SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- nil or zero.
- <sup>p</sup> preliminary figures.

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## SECTION 1

**TABLE 1. Principal Statistics for the Coal Mining Industry, 1933 - 63**

Year	Number of mines	Average number of employees	Salaries and wages	Cost of fuel and electricity at mines	Cost of process supplies at mines	Value of production, f.o.b. mines
dollars						
1933	547	25,375	22,378,736	3,214,632	..	33,805,148
1937	503	27,202	31,641,679	3,580,278	5,137,433	37,261,013
1939	510	26,472	30,720,991	3,222,531	4,981,284	38,062,870
1941	469	26,330	38,149,602	3,544,920	6,135,694	58,059,630
1944	394	25,234	55,020,537	4,066,320	8,646,500	70,433,169
1946	365	25,487	51,343,975	4,100,193	8,536,912	75,820,159
1949	328	24,230	61,204,632	4,352,467	11,144,514	110,915,121
1950	363	23,418	60,938,980	4,362,263	10,102,653	110,140,399
1951	315	22,647	63,127,966	4,678,302	11,869,165	109,038,835
1952	271	21,753	66,028,224	5,405,040	13,554,188	111,026,149
1953	241	19,845	59,350,290	5,969,108	12,177,328	102,721,875
1954	223	18,050	53,650,045	4,932,772	10,698,535	96,600,266
1955	203	16,590	50,325,387	5,014,951	10,353,242	93,579,471
1956	185	16,095	49,468,237	5,141,388	11,175,928	95,349,763
1957	170	14,569	47,222,273	4,862,774	11,449,260	90,220,670
1958	158	13,162	42,250,458	4,967,177	10,786,747	79,963,327
1959	133	11,485	37,122,895	4,274,990	10,705,703	73,875,895
1960	129	11,587	38,734,884	4,313,868	11,720,197	74,676,240
1961	120	10,461	35,607,905	4,062,543	10,079,645	70,052,683
1962						
Nova Scotia	18	6,408	22,583,423	2,115,546	6,912,699	41,713,202
New Brunswick	17	803	2,645,632	599,387	1,025,782	6,752,042
Saskatchewan	4	214	1,040,268	217,060	547,521	4,553,900
Alberta	58	1,292	5,083,132	564,044	1,058,745	9,969,608
British Columbia	11	744	2,981,744	316,155	478,068	6,056,263
Yukon	1	9	50,877	5,726	21,810	115,198
<b>Canada</b>	<b>109</b>	<b>9,470</b>	<b>34,384,876</b>	<b>3,817,918</b>	<b>10,044,625</b>	<b>69,160,213</b>
1963						
Nova Scotia	13	6,062	24,287,342	1,911,584	8,583,981	44,693,053
New Brunswick	20	822	2,982,425	723,272	1,743,517	7,232,170
Saskatchewan	4	196	900,775	174,771	443,912	3,713,988
Alberta	51	1,158	4,641,530	624,309	1,697,938	9,864,890
British Columbia	8	657	2,770,734	292,453	528,610	6,128,805
Yukon	1	8	41,460	4,390	12,993	123,675
<b>Canada</b>	<b>97</b>	<b>8,903</b>	<b>35,624,266</b>	<b>3,730,779</b>	<b>13,010,951</b>	<b>71,756,581</b>

**TABLE 2. Production of Coal, by Kinds, 1954 - 63**

Calendar year	Bituminous		Sub-bituminous		Lignite		Total	
	Short tons	Value at mines	Short tons	Value at mines	Short tons	Value at mines	Short tons	Value at mines
		\$		\$		\$		\$
1954	10,340,616	81,233,732	2,456,223	11,404,832	2,116,740	3,961,702	14,913,579	96,600,266
1955	10,184,857	78,191,725	2,340,207	11,078,583	2,293,816	4,309,163	14,818,880	93,579,471
1956	10,309,587	80,284,374	2,264,382	10,745,222	2,341,641	4,320,167	14,915,610	95,349,763
1957	9,050,742	76,631,638	1,889,601	9,191,001	2,248,812	4,398,031	13,189,155	90,220,670
1958	7,748,289	68,053,797	1,685,645	7,530,049	2,253,176	4,379,481	11,687,110	79,963,327
1959	6,945,459	62,448,411	1,733,883	7,681,440	1,947,380	3,746,044	10,626,722	73,875,895
1960	7,299,764	64,088,851	1,540,577	6,753,760	2,170,797	3,833,629	11,011,138	74,676,240
1961	6,827,253	60,550,410	1,361,600	5,732,916	2,208,851	3,769,357	10,397,704	70,052,683
1962	6,531,292	58,922,215	1,497,171	5,684,098	2,256,306	3,813,130	10,284,769	69,160,213
1963	7,047,845	62,681,528	1,654,293	5,361,065	1,873,556	3,713,988	10,575,694	71,756,581

TABLE 3. Production of Coal, by Kinds and by Provinces, 1962 and 1963

Province and kind of coal	1962			1963		
	Number of mines	Short tons	Value at mines \$	Number of mines	Short tons	Value at mines \$
Nova Scotia - Bituminous .....	18	4,204,779	41,713,202	13	4,554,944	44,693,053
New Brunswick - Bituminous .....	17 <sup>1</sup>	815,529	6,752,042	20 <sup>1</sup>	886,336	7,232,170
Saskatchewan - Lignite .....	4	2,256,306	4,553,900	4	1,873,556	3,713,988
Alberta:						
Bituminous .....	9	590,139	4,285,510	5	635,650	4,503,825
Sub-bituminous .....	49	1,497,171	5,684,098	46	1,654,293	5,361,065
Totals .....	58	2,087,310	9,969,608	51	2,289,943	9,864,890
British Columbia - Bituminous .....	11	913,196	6,056,263	8	982,684	6,128,805
Yukon - Bituminous .....	1	7,649	115,198	1	8,231	123,675
Canada:						
Bituminous .....	56	6,531,292	58,922,215	47	7,047,845	62,881,528
Sub-bituminous .....	49	1,497,171	5,684,098	46	1,654,293	5,361,065
Lignite .....	4	2,256,306	4,553,900	4	1,873,556	3,713,988
Totals .....	109	10,284,769	69,160,213	97	10,575,694	71,756,581

<sup>1</sup> Represents number of companies filing returns. Some companies sub-lease to small operators for limited periods of time.

TABLE 4. Production of Coal, by Months, 1960-63

Month	1960	1961	1962	1963
	short tons			
January .....	1,125,102	1,021,777	1,132,473	1,200,344
February .....	1,034,364	904,918	907,515	992,461
March .....	1,054,242	759,976	970,935	843,300
April .....	690,798	743,738	810,575	774,622
May .....	678,236	842,766	746,792	807,148
June .....	690,690	746,551	711,051	671,750
July .....	719,684	654,888	726,941	698,944
August .....	593,387	460,309	536,484	538,977
September .....	1,038,760	919,888	786,818	833,590
October .....	1,140,899	1,130,756	1,088,814	1,028,921
November .....	1,260,875	1,126,525	1,054,954	1,085,713
December .....	986,101	1,085,812	1,011,417	1,099,924
Totals .....	11,011,138	10,397,704	10,284,769	10,575,694

TABLE 5. Production of Coal, by Kinds and by Months, 1963

Month	Bituminous		Sub-bituminous		Lignite		Total	
	Short tons	Value at mines \$	Short tons	Value at mines \$	Short tons	Value at mines \$	Short tons	Value at mines \$
January .....	636,953	5,802,699	265,714	992,228	277,677	559,439	1,200,344	7,354,366
February .....	590,431	5,305,416	193,112	540,175	208,918	426,258	992,481	6,271,849
March .....	549,220	4,975,912	115,285	258,039	178,795	345,552	843,300	5,578,503
April .....	569,310	5,172,830	104,795	183,840	100,517	193,344	774,622	5,550,014
May .....	630,686	5,666,594	91,256	229,974	85,206	166,126	807,148	6,062,694
June .....	538,316	4,738,188	43,504	167,885	89,930	168,198	671,750	5,074,271
July .....	618,986	5,306,382	15,457	30,920	64,521	132,156	698,944	5,469,458
August .....	423,714	3,802,813	37,619	127,434	77,644	150,708	538,977	3,880,955
September .....	630,894	5,501,073	90,082	330,129	112,614	222,305	833,590	6,053,507
October .....	674,466	5,994,661	171,795	690,072	182,660	368,063	1,026,921	7,052,796
November .....	632,338	5,540,777	238,509	957,741	214,866	436,086	1,085,713	6,934,604
December .....	552,551	5,074,183	267,165	852,628	280,208	545,753	1,099,924	6,472,564
Totals .....	7,047,845	62,681,528	1,654,293	5,361,065	1,873,556	3,713,988	10,575,694	71,756,581

TABLE 6. Disposition of Coal by Canadian Mines, by Grades of Coal, 1963

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	
							Quantity	Value at mines
	short tons						short tons	\$
Used for power purposes:								
(a) Colliery boilers and shops .....	7,762	3,261	1,821	4,580	—	32,664	50,088	349,248
(b) Companies' railroads .....	606	1,500	—	51	—	12	2,169	10,738
Shipped (See Table 8):								
(a) Ships' bunkers .....	—	15,182	4	—	—	—	15,186	69,939,001
(b) Railroads .....	1,203	25,288	55,111	10,048	273	70,341	162,264	
(c) Other .....	1,289,753	1,100,381	513,825	806,132	903,699	5,370,209	9,983,999	
Used in making coke at colliery .....	—	—	—	—	—	192,722	192,722	1,249,111
Used in making briquettes .....	9,920	—	—	—	—	25,093	35,013	252,954
Put on bank .....	100,886	126,986	24,012	16,180	17,900	724,007	1,009,971	8,821,612
Put on waste heap .....	1,830	—	—	10	176	159,737	161,753	—
<b>Total disposition</b> .....	<b>1,411,960</b>	<b>1,272,598</b>	<b>594,773</b>	<b>837,001</b>	<b>922,048</b>	<b>6,574,785</b>	<b>11,613,165</b>	<b>80,622,664</b>
Less—Lifted from bank .....	76,815	108,612	20,184	21,274	16,208	756,695	999,789	8,570,752
Lifted from waste heap .....	4,634	1,009	—	—	597	31,442	37,682	295,331
<b>Total output</b> .....	<b>1,330,510</b>	<b>1,162,977</b>	<b>574,589</b>	<b>815,727</b>	<b>905,243</b>	<b>5,786,648</b>	<b>10,575,694</b>	<b>71,756,581</b>

TABLE 7. Disposition of Coal by Canadian Mines, by Provinces, 1963

	From mines in					
	Nova Scotia	New Brunswick	Saskatchewan	Alberta	British Columbia and Yukon	Canada
	short tons					
Coal shipped (See Table 8) .....	4,501,304	892,559	1,848,434	2,272,713	646,439	10,161,449
Used under colliery boilers and in shops .....	18,182	2,196	8,188	4,432	17,090	50,088
Used by companies railroads .....	712	—	1,337	120	—	2,169
Used for manufacture of coke at colliery .....	—	—	—	843	191,879	192,722
Used in making briquettes .....	—	—	—	35,013	—	35,013
Put on bank .....	722,598	36,265	38,447	152,252	60,409	1,009,971
Put on waste heap .....	1,374	309	17,547	7,869	134,654	161,753
<b>Total disposition</b> .....	<b>5,244,170</b>	<b>931,329</b>	<b>1,913,953</b>	<b>2,473,242</b>	<b>1,050,471</b>	<b>11,613,165</b>
Less—Lifted from bank .....	667,269	44,993	36,204	172,052	79,271	999,789
Lifted from waste heap .....	21,957	—	4,193	11,247	285	37,682
<b>Total output</b> .....	<b>4,554,944</b>	<b>886,336</b>	<b>1,873,556</b>	<b>2,289,943</b>	<b>970,915</b>	<b>10,575,694</b>

TABLE 8. Shipments of Coal from Canadian Mines, by Grades and Destinations, 1962 and 1963

Destination	1962 Total	1963						Total
		Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	
	short tons							
(a) For sale in Canada (except railroads and ships' bunkers):								
Newfoundland .....	87,628	—	75,045	2,354	34	—	—	77,433
Prince Edward Island .....	23,433	84	8,921	4,172	1,440	—	16,575	31,192
Nova Scotia .....	1,578,665	79,713	258,842	63,902	101,459	42,264	1,145,128	1,691,308
New Brunswick .....	799,622	91,136	57,275	10,339	54,786	20,795	634,469	868,800
Quebec .....	1,981,851	—	119,875	55,174	12,870	98,573	1,588,603	1,875,095
Ontario .....	574,215	60	10,222	8,609	59,198	3,249	741,416	622,754
Manitoba .....	1,051,664	2,322	79,459	175,037	249,410	40,309	281,757	828,294
Saskatchewan .....	1,610,505	985,486	130,560	110,209	49,804	71,157	60,650	1,407,866
Alberta .....	901,689	95,842	213,816	73,479	145,359	349,535	196,051	1,074,082
British Columbia .....	397,252	8,282	81,501	9,893	119,804	18,058	125,059	362,597
Yukon .....	7,605	—	189	—	7,969	—	—	8,158
<b>Total domestic shipments</b> .....	<b>9,014,129</b>	<b>1,262,925</b>	<b>1,035,705</b>	<b>513,168</b>	<b>802,133</b>	<b>643,940</b>	<b>4,789,708</b>	<b>9,047,579</b>
(b) Railroads and ships' bunkers for own consumption:								
In Canada .....	211,494	1,203	25,288	55,111	10,048	273	70,341	162,264
Ships' bunkers .....	19,389	—	15,182	4	—	—	—	15,186
<b>Total railroads and ships' bunkers</b> .....	<b>230,883</b>	<b>1,203</b>	<b>40,470</b>	<b>55,115</b>	<b>10,048</b>	<b>273</b>	<b>70,341</b>	<b>177,450</b>
(c) For export:								
United States .....	129,113	26,828	60,056	657	3,716	118	62,254	153,629
St. Pierre .....	4,538	—	4,620	—	283	—	—	4,903
Japan .....	647,957	—	—	—	—	259,641	518,247	777,888
Great Britain .....	—	—	—	—	—	—	—	—
<b>Total shipments for export</b> .....	<b>781,608</b>	<b>26,828</b>	<b>64,676</b>	<b>657</b>	<b>3,999</b>	<b>259,759</b>	<b>580,501</b>	<b>936,420</b>
<b>Total shipments</b> .....	<b>10,026,820</b>	<b>1,290,956</b>	<b>1,140,851</b>	<b>568,940</b>	<b>816,180</b>	<b>903,972</b>	<b>5,440,550</b>	<b>10,161,449</b>

TABLE 9. Production, Number of Employees, and Man-days worked, at Strip and Underground Coal Mines, by Provinces, 1963

	Output	Average number of employees		Man-days worked	
		Surface	Underground	Surface	Underground
Nova Scotia:					
Strip mines .....	—	—	—	—	—
Underground mines .....	4,554,944	738	5,324	224,248	1,341,523
<b>Totals .....</b>	<b>4,554,944</b>	<b>738</b>	<b>5,324</b>	<b>224,248</b>	<b>1,341,523</b>
New Brunswick:					
Strip mines .....	730,194	456	—	134,762	—
Underground mines .....	156,142	60	306	16,463	70,479
<b>Totals .....</b>	<b>886,336</b>	<b>516</b>	<b>306</b>	<b>151,225</b>	<b>70,479</b>
Saskatchewan:					
Strip mines .....	1,873,556	196	—	45,349	—
Underground mines .....	—	—	—	—	—
<b>Totals .....</b>	<b>1,873,556</b>	<b>196</b>	<b>—</b>	<b>45,349</b>	<b>—</b>
Alberta:					
Strip mines .....	1,328,967	254	—	62,228	—
Underground mines .....	960,976	320	584	75,820	117,541
<b>Totals .....</b>	<b>2,289,943</b>	<b>574</b>	<b>584</b>	<b>138,048</b>	<b>117,541</b>
British Columbia and Yukon:					
Strip mines .....	98,489	19	—	4,559	—
Underground mines .....	872,426	167	479	38,684	107,730
<b>Totals .....</b>	<b>970,915</b>	<b>186</b>	<b>479</b>	<b>43,243</b>	<b>107,730</b>
Canada:					
Strip mines .....	4,031,206	925	—	246,898	—
Underground mines .....	6,544,488	1,285	6,693	355,215	1,637,273
<b>Totals .....</b>	<b>10,575,694</b>	<b>2,210</b>	<b>6,693</b>	<b>602,113</b>	<b>1,637,273</b>

TABLE 10. Exports of Canadian Coal, 1954 - 63  
(As compiled from Customs' documents)

Calendar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$
1954 .....	219,346	1,716,435	1959 .....	473,768	3,582,313
1955 .....	592,782	4,870,598	1960 .....	852,921	6,789,163
1956 .....	594,166	4,710,010	1961 .....	939,336	8,540,749
1957 .....	396,311	3,357,959	1962 .....	893,919	8,207,354
1958 .....	338,544	2,907,513	1963 .....	1,054,367	9,870,185

TABLE 11. Exports of Canadian Coal from Eastern and Western Canada, 1959 - 63

	1959	1960	1961	1962	1963
	short tons				
Eastern Canada .....	208,227	195,565	227,233	241,444	269,868
Western Canada .....	265,541	657,356	712,103	652,475	784,504
<b>Totals .....</b>	<b>473,768</b>	<b>852,921</b>	<b>939,336</b>	<b>893,919</b>	<b>1,054,367</b>

TABLE 12. Exports of Canadian Coal, by Destinations, 1962 and 1963

Destination	1962		1963	
	Short tons	Value	Short tons	Value
		\$		\$
Norway.....	50	500	—	—
St. Pierre and Miquelon.....	4,501	56,269	7,138	90,437
United States.....	250,328	2,204,428	274,759	2,355,268
Japan.....	639,040	5,946,157	772,470	7,424,480
<b>Totals.....</b>	<b>893,919</b>	<b>8,207,354</b>	<b>1,054,367</b>	<b>9,870,185</b>

TABLE 13. Imported Coal<sup>1</sup> "Entered for Consumption", 1954-63

Year	Anthracite		Bituminous <sup>2</sup>		Lignite		Total	
	Short tons	Value	Short tons	Value	Short tons	Value	Short tons	Value
		\$		\$		\$		\$
1954.....	2,754,882	33,163,183	15,822,283	71,617,515	2,824	14,500	18,579,989	104,795,198
1955.....	2,646,503	30,190,088	17,094,480	76,352,171	1,548	8,663	19,742,531	106,550,922
1956.....	2,545,627	30,060,480	20,065,807	98,666,368	1,940	9,822	22,613,374	128,736,670
1957.....	1,925,498	24,605,035	17,548,585	93,027,907	2,166	11,087	19,476,249	117,644,029
1958.....	1,556,018	19,130,513	12,934,262	68,880,374	1,035	5,095	14,491,315	88,015,982
1959.....	1,603,909	17,934,649	12,632,209 <sup>3</sup>	66,553,040 <sup>3</sup>	—	—	14,236,118	84,487,689
1960.....	1,297,467	13,577,411	12,267,369 <sup>3</sup>	63,383,462 <sup>3</sup>	—	—	13,564,836	76,960,873
1961.....	1,058,157	11,442,615	11,248,341 <sup>3</sup>	60,117,136 <sup>3</sup>	—	—	12,306,498	71,559,751
1962.....	914,336	10,306,348	11,699,853 <sup>3</sup>	63,865,142 <sup>3</sup>	—	—	12,614,189	74,171,490
1963.....	847,326	10,163,756	12,523,080 <sup>3</sup>	68,499,597 <sup>3</sup>	—	—	13,370,408	78,663,353

<sup>1</sup> Tonnages shown as "Entered for consumption" represent the amounts cleared from customs' ports, duty paid. Figures shown under this heading differ, of course, from those shown for "Landed Coal". Tonnages shown under the latter heading represent the amounts which actually entered the country. Amounts at customs' ports awaiting clearance are usually quite large.

<sup>2</sup> Includes "coal ex-warehoused for ships' stores".

<sup>3</sup> Includes coal dust and coal n.o.p.

TABLE 14. Imported Coal "Landed in Canada", by Kinds and by Provinces, 1962 and 1963

Destination	1962			1963		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
	short tons					
<b>From Great Britain:</b>						
Newfoundland.....	—	—	—	860	—	860
Nova Scotia.....	—	—	—	—	—	—
New Brunswick.....	—	—	—	—	—	—
Quebec.....	19,319	—	19,319	15,658	—	15,658
<b>Totals.....</b>	<b>19,319</b>	<b>—</b>	<b>19,319</b>	<b>16,518</b>	<b>—</b>	<b>16,518</b>
<b>From United States:</b>						
Newfoundland.....	—	4,250	4,250	1,611	5,193	6,804
Nova Scotia.....	971	101,809	102,780	997	115,557	116,554
New Brunswick.....	—	—	—	—	—	—
Quebec.....	298,664	736,006	1,034,670	309,566	627,364	936,950
Ontario (Central).....	529,780	10,416,062	10,945,842	477,537	12,898,369	13,375,906
(Head of Lakes).....	2,771	204,799	207,570	927	279,751	280,676
Manitoba.....	51	6,671	6,722	—	6,219	6,219
Saskatchewan.....	2	72	74	—	41	41
British Columbia and Yukon.....	110	40	150	219	559	778
<b>Totals.....</b>	<b>832,349</b>	<b>11,469,709</b>	<b>12,302,058</b>	<b>790,857</b>	<b>13,933,073</b>	<b>14,723,930</b>
<b>Canada.....</b>	<b>851,668</b>	<b>11,469,709</b>	<b>12,321,377</b>	<b>807,375</b>	<b>13,933,073</b>	<b>14,740,448</b>

Note: Does not include 6,510 tons of briquettes in 1962 or 7,693 tons in 1963. See Table 26.

TABLE 15. Imported Coal Landed in Canada,<sup>1</sup> by Kinds and Months, 1962 and 1963

Month	1962			1963		
	From United States	From Great Britain	Total	From United States	From Great Britain	Total
	short tons					
<b>Anthracite:</b>						
January .....	69,540	—	69,540	71,244	—	71,244
February .....	61,047	—	61,047	56,696	—	56,696
March .....	45,713	—	45,713	54,431	—	54,431
April .....	43,686	—	43,686	25,824	—	25,824
May .....	47,401	—	47,401	40,386	—	40,386
June .....	106,455	8,996	115,451	80,340	5,609	85,949
July .....	55,741	—	55,741	56,113	—	56,113
August .....	83,868	—	83,868	85,371	4,481	89,872
September .....	84,011	—	84,011	69,930	5,568	75,498
October .....	86,031	4,433	90,464	105,693	—	105,693
November .....	87,838	5,890	93,728	97,970	860	98,830
December .....	61,018	—	61,018	46,839	—	46,839
<b>Totals .....</b>	<b>832,349</b>	<b>19,319</b>	<b>851,668</b>	<b>790,857</b>	<b>16,518</b>	<b>807,375</b>
<b>Bituminous:</b>						
January .....	86,676	—	86,676	86,511	—	86,511
February .....	88,797	—	88,797	75,579	—	75,579
March .....	76,737	—	76,737	62,434	—	62,434
April .....	728,961	—	728,961	740,748	—	740,748
May .....	1,044,469	—	1,044,469	1,697,898	—	1,697,898
June .....	1,030,734	—	1,030,734	1,463,276	—	1,463,276
July .....	890,830	—	890,830	1,250,476	—	1,250,476
August .....	1,470,120	—	1,470,120	2,164,351	—	2,164,351
September .....	1,555,505	—	1,555,505	2,104,588	—	2,104,588
October .....	1,761,442	—	1,761,442	1,859,081	—	1,859,081
November .....	1,608,498	—	1,608,498	1,857,152	—	1,857,152
December .....	1,126,940	—	1,126,940	570,979	—	570,979
<b>Totals .....</b>	<b>11,469,709</b>	<b>—</b>	<b>11,469,709</b>	<b>13,933,073</b>	<b>—</b>	<b>13,933,073</b>

<sup>1</sup> The total tonnage of foreign coal received at Canadian Ports. See page 3, Section 2, for explanations.

Note: Briquettes not included in this table amounted to 6,510 tons in 1962 and 7,693 tons in 1963.

TABLE 16. Summary of Coal Statistics for 1963 — Output, Exports, Interprovincial Shipments, Landed Imports,<sup>1</sup> and Coal made available for Consumption, by Provinces and by Kinds

Province	Canadian coal				Imported coal		Available for consumption in Canada
	Output	Received from mines in other provinces	Mine shipments		From U.S.A.	From Great Britain	
			To other provinces	For export			
	short tons						
<b>Newfoundland:</b>							
Anthracite .....	—	—	—	—	1,611	860	2,471
Bituminous .....	—	77,433	—	—	5,193	—	82,626
<b>Totals .....</b>	<b>—</b>	<b>77,433</b>	<b>—</b>	<b>—</b>	<b>6,804</b>	<b>860</b>	<b>85,097</b>
<b>Prince Edward Island:</b>							
Anthracite .....	—	—	—	—	—	—	—
Bituminous .....	—	31,192	—	—	—	—	31,192
<b>Totals .....</b>	<b>—</b>	<b>31,192</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>31,192</b>
<b>Nova Scotia:</b>							
Anthracite .....	—	—	—	—	997	—	997
Bituminous .....	4,554,944	92	2,777,490	4,903	115,557	—	1,888,200
<b>Totals .....</b>	<b>4,554,944</b>	<b>92</b>	<b>2,777,490</b>	<b>4,903</b>	<b>116,554</b>	<b>—</b>	<b>1,889,197</b>
<b>New Brunswick:</b>							
Anthracite .....	—	—	—	—	—	—	—
Bituminous .....	886,336	216,544	83,302	143,886	—	—	875,692
<b>Totals .....</b>	<b>886,336</b>	<b>216,544</b>	<b>83,302</b>	<b>143,886</b>	<b>—</b>	<b>—</b>	<b>875,692</b>
<b>Quebec:</b>							
Anthracite .....	—	—	—	—	309,566	15,658	325,224
Bituminous .....	—	1,874,977	—	—	627,364	—	2,502,361
Sub-bituminous .....	—	118	—	—	—	—	118
<b>Totals .....</b>	<b>—</b>	<b>1,875,095</b>	<b>—</b>	<b>—</b>	<b>936,950</b>	<b>15,658</b>	<b>2,827,703</b>
<b>Ontario:<sup>2</sup></b>							
Anthracite .....	—	—	—	—	478,464	—	478,464
Bituminous .....	—	705,180	—	—	13,178,120	—	13,883,300
Sub-bituminous .....	—	6,139	—	—	—	—	6,139
Lignite .....	—	111,435	—	—	—	—	111,435
<b>Totals .....</b>	<b>—</b>	<b>822,754</b>	<b>—</b>	<b>—</b>	<b>13,656,584</b>	<b>—</b>	<b>14,479,338</b>

See footnotes at end of table.

TABLE 16. Summary of Coal Statistics for 1963 - Output, Exports, Interprovincial Shipments, Landed Imports,<sup>1</sup> and Coal made available for Consumption, by Provinces and by Kinds - Concluded

Province	Canadian coal				Imported coal		Available for consumption in Canada
	Output	Received from mines in other provinces	Mine shipments		From U.S.A.	From Great Britain	
			To other provinces	For export			
short tons							
<b>Manitoba:</b>							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	-	147,357	-	-	6,219	-	153,576
Sub-bituminous .....	-	129,369	-	-	-	-	129,369
Lignite .....	-	551,568	-	-	-	-	551,568
<b>Totals .....</b>	<b>-</b>	<b>828,294</b>	<b>-</b>	<b>-</b>	<b>6,219</b>	<b>-</b>	<b>834,313</b>
<b>Saskatchewan:</b>							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	-	3,545	-	-	41	-	3,586
Sub-bituminous .....	-	340,368	-	-	-	-	340,368
Lignite .....	1,873,556	-	663,003	2,361	-	-	1,208,192
<b>Totals .....</b>	<b>1,873,556</b>	<b>343,913</b>	<b>663,003</b>	<b>2,361</b>	<b>41</b>	<b>-</b>	<b>1,552,146</b>
<b>Alberta:</b>							
Bituminous .....	635,650	589	177,612	415,884	-	-	42,743
Sub-bituminous .....	1,654,293	-	589,353	257	-	-	1,064,683
Lignite .....	-	-	-	-	-	-	-
<b>Totals .....</b>	<b>2,289,943</b>	<b>589</b>	<b>766,847</b>	<b>416,141</b>	<b>-</b>	<b>-</b>	<b>1,107,426</b>
<b>British Columbia and Yukon:</b>							
Anthracite .....	-	-	-	-	219	-	219
Bituminous .....	970,915	149,074	167,579	369,129	559	-	583,840
Sub-bituminous .....	-	113,359	-	-	-	-	113,359
Lignite .....	-	-	-	-	-	-	-
<b>Totals .....</b>	<b>970,915</b>	<b>262,433</b>	<b>167,579</b>	<b>369,129</b>	<b>778</b>	<b>-</b>	<b>697,418</b>
<b>Canada:</b>							
Anthracite .....	-	-	-	-	790,857	16,518	807,375
Bituminous .....	7,047,845	3,205,983	3,205,983	933,802	13,933,073	-	20,047,116
Sub-bituminous .....	1,654,293	589,353	589,353	257	-	-	1,654,036
Lignite .....	1,873,556	663,003	663,003	2,361	-	-	1,871,195
<b>Totals .....</b>	<b>10,575,694</b>	<b>4,458,339</b>	<b>4,458,339</b>	<b>936,420</b>	<b>14,723,930</b>	<b>16,518</b>	<b>24,379,722</b>

<sup>1</sup> Direct imports into each province.

<sup>2</sup> Includes Head of Lakes.

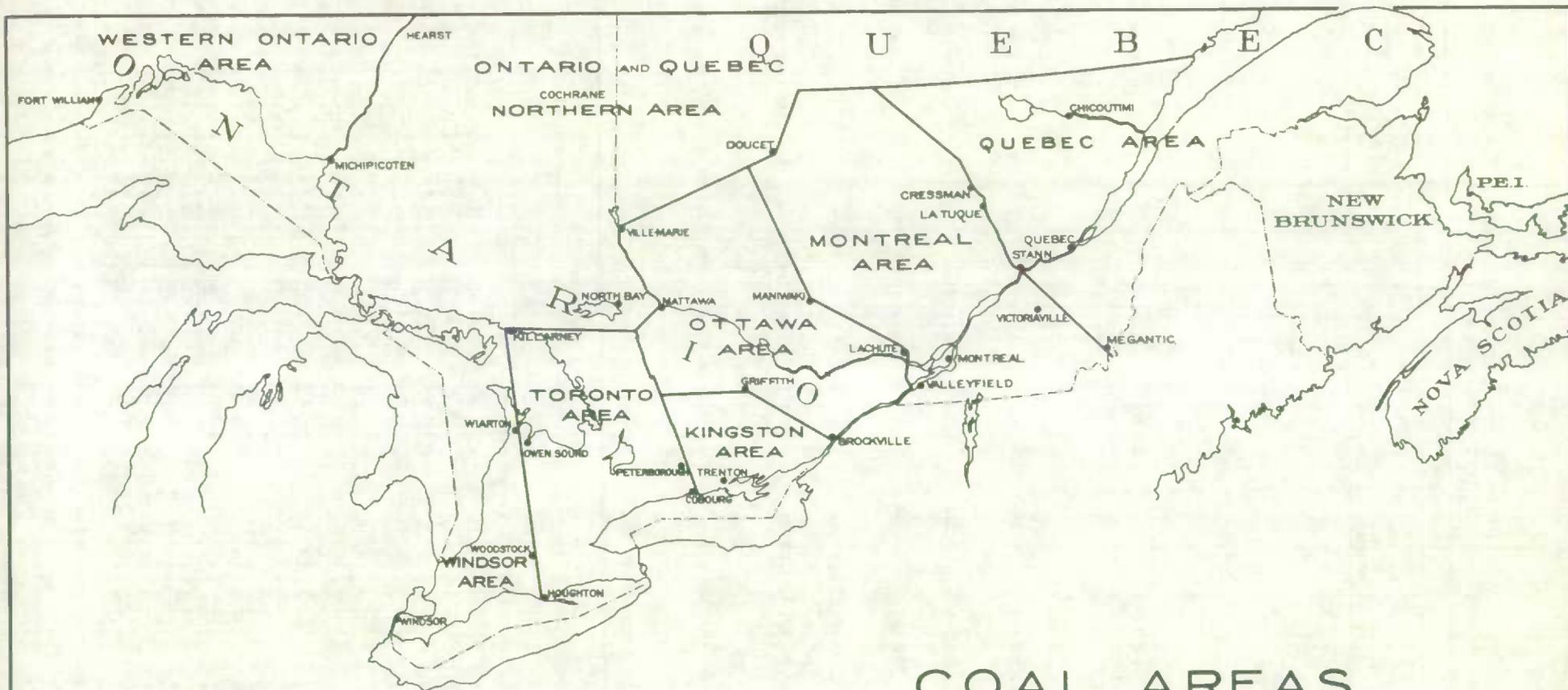
Note: In addition to the above, 7,693 tons of briquettes were imported from the United States, making total coal available for consumption 24,387,415 tons.

TABLE 17. Annual Consumption of Coal in Canada, 1939 - 63

Calendar year	Canadian <sup>1</sup>		Imported coal "entered for consumption"				Total	Per capita
			From U.S.A.	From Great Britain	Total <sup>2</sup>			
	short tons	%	short tons		%		short tons	
1939 .....	14,902,915	50.6	12,923,358	1,099,419	14,564,679	49.4	24,467,594	2.615
1940 .....	18,666,234	49.5	15,509,778	1,514,458	17,036,090	50.5	33,702,324	2.960
1941 .....	17,227,151	46.2	19,332,479	693,902	20,026,082	53.8	37,353,233	3.238
1942 .....	17,725,761	42.0	24,140,841	388,948	24,529,361	58.0	42,255,122	3.626
1943 .....	16,321,006	37.1	27,303,776	391,475	27,695,098	62.9	44,016,104	3.727
1944 .....	15,660,808	35.7	27,948,008	218,511	28,166,201	64.3	43,827,009	3.659
1945 .....	15,227,819	38.3	24,505,241	28,388	24,521,528	61.7	39,749,347	3.279
1946 .....	16,502,508	39.0	25,639,541	101,580	25,740,704	61.0	42,243,212	3.434
1947 .....	14,673,967	34.0	28,410,149	52,777	28,462,242	66.0	43,136,209	3.428
1948 .....	16,928,028	36.0	30,295,841	162,550	30,454,917	64.0	47,382,945	3.678
1949 .....	18,104,626	45.3	21,501,583	331,457	21,833,057	54.7	39,937,683	2.947
1950 .....	18,224,944	40.6	26,224,893	423,874	26,649,049	59.4	44,873,993	3.241
1951 .....	17,571,154	39.8	26,232,211	291,656	26,523,921	60.2	44,095,075	3.148
1952 .....	16,749,316	40.5	24,248,804	356,032	24,603,789	59.5	41,353,105	2.866
1953 .....	15,240,105	40.0	22,548,793	352,383	22,900,392	60.0	38,140,497	2.580
1954 .....	14,466,212	44.0	18,054,962	266,304	18,322,056	56.0	32,788,266	2.158
1955 .....	14,060,039	42.1	19,053,434	269,898	19,322,134	57.9	33,382,173	2.140
1956 .....	14,115,095	38.9	22,045,485	153,404	22,198,049	61.1	36,313,144	2.258
1957 .....	12,478,826	39.6	18,910,544	134,671	19,041,030	60.4	31,519,656	1.900
1958 .....	11,054,757	43.9	14,089,557	65,275	14,154,121	56.1	25,208,878	1.479
1959 .....	10,589,283	43.1	13,861,676	96,814	13,958,996	56.9	24,548,259	1.407
1960 .....	9,973,308	42.9	13,211,493	65,375	13,276,599	57.1	23,249,907	1.305
1961 .....	9,572,805	44.3	12,253,272	53,226	12,057,086	55.7	21,629,891	1.191
1962 .....	9,510,293	43.4	12,583,618	30,571	12,377,965	56.6	21,888,258	1.179
1963 .....	9,504,903	42.0	13,348,913	21,101	13,105,686	58.0	22,918,318	1.196

<sup>1</sup> The sum of Canadian coal mine sales, colliery consumption, companies railroad, coal supplied to employees, and coal used in making coke and briquettes, less the tonnage of coal exported.

<sup>2</sup> Deductions have been made to take account of foreign coal re-exported from Canada and bituminous coal ex-warehoused for ships' stores. Imports of briquettes are not included in this table, but are shown separately in Table 26.



# COAL AREAS

ONTARIO AND QUEBEC

(As defined for statistical purposes)

TABLE 18. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers, 1962 and 1963

Kind	Sales		Stocks	
	1962	1963	December 31, 1962	December 31, 1963
	short tons			
<b>Anthracite:</b>				
United States:				
Pea and larger .....	447,054	382,429	74,433	77,281
Other sizes .....	80,713	65,779	13,845	16,158
United Kingdom:				
Pea and larger .....	25,152	19,051	2,428	3,177
Other sizes .....	25,861	16,739	6,768	2,794
<b>Bituminous:</b>				
United States:				
Low volatile:				
Slack and stoker .....	101,566	82,224	16,828	14,788
Other sizes .....	54,743	43,957	13,600	9,315
High volatile:				
Slack .....	288,747	302,448	111,014	126,060
Stoker .....	842,028	745,014	227,068	227,735
Other sizes .....	109,065	78,836	42,824	28,428
Miscellaneous (including briquettes) .....	210,145	166,280	15,507	14,124
Canadian:				
Bituminous .....	433,266	429,393	75,679	58,629
Domestic and lignite .....	885,266	723,629	68,019	63,511
Briquettes .....	37,009	31,998	6,689	6,247
<b>Coke:</b>				
From coal .....	74,696	77,860	4,607	4,577
<b>Total coal and coke .....</b>	<b>3,615,311</b>	<b>3,165,637</b>	<b>679,309</b>	<b>652,824</b>

TABLE 19. Consumption of Coal and Coke, by Industrial Consumers,<sup>1</sup> 1962 and 1963

Kind	1962	1963
	short tons	
<b>Anthracite .....</b>	<b>215,429</b>	<b>220,912</b>
<b>Bituminous:</b>		
United States:		
Low volatile:		
Slack .....	76,148	106,480
Stoker .....	45,526	69,092
Other sizes .....	32,723	34,038
High volatile:		
Slack .....	3,718,205	4,918,291
Stoker .....	881,799	728,126
Other sizes .....	248,844	269,862
Canadian:		
Bituminous .....	3,766,131	4,019,260
Domestic and lignite .....	1,851,406	2,067,827
<b>Coke:</b>		
From coal .....	4,097,013	4,340,522
Petroleum .....	585,359	672,427
<b>Total coal and coke .....</b>	<b>15,518,583</b>	<b>17,446,837</b>

<sup>1</sup> Does not include firms using less than 500 tons of coal per annum.

TABLE 20. Sales of Coal and Coke Reported by Retail Fuel Dealers, by Provinces, 1963

Type	New-found-land	Prince-Edward-Island	Nova-Scotia	New-Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British-Columbia	Canada
	net tons of 2,000 pounds										
<b>Canadian coals:</b>											
Bituminous:											
Eastern:											
Lump, egg, stove and nut .....	56,865	12,494	30,512	20,487	41,383	3,793	—	—	—	—	165,534
All other sizes .....	11,610	2,077	58,125	19,669	29,382	81,541	—	—	—	—	202,404
Western:											
Lump, egg, stove and nut .....	—	—	—	—	113	1,019	2,641	1,403	232	10,954	16,362
All other sizes .....	—	—	—	—	879	12,540	2,396	82	192	29,004	45,093
<b>Total bituminous .....</b>	<b>68,475</b>	<b>14,571</b>	<b>88,637</b>	<b>40,156</b>	<b>71,757</b>	<b>98,893</b>	<b>5,037</b>	<b>1,485</b>	<b>424</b>	<b>39,958</b>	<b>429,393</b>
Sub-bituminous:											
Lump, egg, stove and nut .....	—	—	—	—	505	7,593	83,712	101,779	85,245	61,532	340,366
All other sizes .....	—	—	—	—	1,816	50	22,351	3,623	20,856	53,644	102,340
<b>Total sub-bituminous .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2,321</b>	<b>7,643</b>	<b>106,063</b>	<b>105,402</b>	<b>106,101</b>	<b>115,176</b>	<b>442,706</b>
Lignite:											
Lump, egg, stove and nut .....	—	—	—	—	—	1,966	143,617	58,010	—	—	203,593
All other sizes .....	—	—	—	—	—	976	67,788	8,586	—	—	77,330
<b>Total lignite .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2,942</b>	<b>211,385</b>	<b>66,596</b>	<b>—</b>	<b>—</b>	<b>280,923</b>
Briquettes .....	—	—	—	—	57	4,057	15,301	7,082	12	5,489	31,998
<b>Total Canadian coals ....</b>	<b>68,475</b>	<b>14,571</b>	<b>88,637</b>	<b>40,156</b>	<b>74,135</b>	<b>113,535</b>	<b>337,786</b>	<b>180,565</b>	<b>106,537</b>	<b>160,623</b>	<b>1,185,020</b>
<b>Foreign coals:</b>											
Anthracite:											
United States:											
Pea and larger .....	1,719	958	6,571	4,896	37,626	330,438	—	—	21	—	382,429
Smaller sizes .....	—	—	—	293	31,179	34,307	—	—	—	—	65,779
United Kingdom:											
Pea and larger .....	482	—	1,186	499	2,644	14,240	—	—	—	—	19,051
Smaller sizes .....	—	—	1,390	133	13,688	1,528	—	—	—	—	16,739
<b>Total anthracite .....</b>	<b>2,201</b>	<b>958</b>	<b>9,147</b>	<b>5,821</b>	<b>85,337</b>	<b>380,513</b>	<b>—</b>	<b>—</b>	<b>21</b>	<b>—</b>	<b>483,998</b>
Bituminous (United States):											
Low volatile:											
Slack and stoker .....	—	42	—	—	10,030	71,638	514	—	—	—	82,224
Other sizes .....	2,224	118	—	282	2,454	38,606	273	—	—	—	43,957
High volatile:											
Slack, nut slack, etc. ....	—	265	—	236	10,788	291,043	—	—	—	116	302,448
Prepared stoker .....	—	—	—	—	70,113	655,858	18,547	—	—	496	745,014
Other sizes .....	2,931	4,229	—	2,497	16,875	52,271	82	—	—	151	78,836
<b>Total bituminous .....</b>	<b>5,155</b>	<b>4,654</b>	<b>—</b>	<b>3,015</b>	<b>110,060</b>	<b>1,109,416</b>	<b>19,416</b>	<b>—</b>	<b>—</b>	<b>763</b>	<b>1,252,479</b>
<b>Total foreign coals .....</b>	<b>7,356</b>	<b>5,612</b>	<b>9,147</b>	<b>8,836</b>	<b>195,397</b>	<b>1,489,929</b>	<b>19,416</b>	<b>—</b>	<b>21</b>	<b>763</b>	<b>1,736,477</b>
<b>Unspecified .....</b>	<b>3,300</b>	<b>2,122</b>	<b>4,623</b>	<b>3,050</b>	<b>21,970</b>	<b>45,210</b>	<b>16,164</b>	<b>47,522</b>	<b>5,119</b>	<b>17,200</b>	<b>166,280</b>
<b>Total all coals .....</b>	<b>79,131</b>	<b>22,305</b>	<b>102,407</b>	<b>52,042</b>	<b>291,502</b>	<b>1,648,674</b>	<b>373,366</b>	<b>228,087</b>	<b>111,677</b>	<b>178,586</b>	<b>3,087,777</b>
<b>Coke (from coal):</b>											
Canadian made .....	—	441	1,461	2,076	47,592	6,433	3,139	—	88	—	61,230
United States made .....	—	—	—	—	—	16,630	—	—	—	—	16,630
<b>Total coke .....</b>	<b>—</b>	<b>441</b>	<b>1,461</b>	<b>2,076</b>	<b>47,592</b>	<b>23,063</b>	<b>3,139</b>	<b>—</b>	<b>88</b>	<b>—</b>	<b>77,860</b>
<b>Total coal and coke .....</b>	<b>79,131</b>	<b>22,746</b>	<b>103,868</b>	<b>54,118</b>	<b>339,094</b>	<b>1,671,737</b>	<b>376,505</b>	<b>228,087</b>	<b>111,765</b>	<b>178,586</b>	<b>3,165,637</b>

TABLE 21. Sales of Coal and Coke Reported by Retail Fuel Dealers, by Selected Areas in Quebec and Ontario, 1963

Type	Montreal area	Quebec City area	Kingston area	Northern area <sup>1</sup>	Ottawa area	Toronto area	North Western Ontario area	Windsor area
net tons of 2,000 pounds								
<b>Canadian coals:</b>								
Bituminous:								
Eastern:								
Lump, egg, stove and nut.....	15,611	24,263	1,961	568	2,760	13	—	—
All other sizes.....	12,210	17,172	—	211	81,330	—	—	—
Western:								
Lump, egg, stove and nut.....	—	—	—	405	222	505	—	—
All other sizes.....	836	—	—	347	12,236	—	—	—
<b>Total bituminous</b> .....	<b>28,657</b>	<b>41,435</b>	<b>1,961</b>	<b>1,531</b>	<b>96,548</b>	<b>518</b>	—	—
Sub-bituminous:								
Lump, egg, stove and nut.....	246	—	—	2,362	—	1,148	2,870	1,472
All other sizes.....	—	—	—	1,851	—	—	15	—
<b>Total sub-bituminous</b> .....	<b>246</b>	—	—	<b>4,213</b>	—	<b>1,148</b>	<b>2,885</b>	<b>1,472</b>
Lignite:								
Lump, egg, stove and nut.....	—	—	—	—	—	—	1,966	—
All other sizes.....	—	—	—	—	—	—	976	—
<b>Total lignite</b> .....	—	—	—	—	—	—	<b>2,942</b>	—
Briquettes.....	—	—	114	1,286	230	1,976	187	321
<b>Total Canadian coals</b> .....	<b>28,903</b>	<b>41,435</b>	<b>2,075</b>	<b>7,030</b>	<b>96,778</b>	<b>3,642</b>	<b>6,014</b>	<b>1,793</b>
<b>Foreign coals:</b>								
Anthracite:								
United States:								
Pea and larger.....	30,003	6,386	19,687	8,163	32,295	197,214	325	74,191
Smaller sizes.....	25,390	5,262	1,633	763	7,997	19,240	—	5,201
United Kingdom:								
Pea and larger.....	2,644	—	—	—	14,161	79	—	—
Smaller sizes.....	9,347	4,335	—	—	720	809	—	5
<b>Total anthracite</b> .....	<b>67,384</b>	<b>15,983</b>	<b>21,320</b>	<b>8,926</b>	<b>55,173</b>	<b>217,342</b>	<b>325</b>	<b>79,397</b>
Bituminous (United States):								
Low volatile:								
Slack and stoker.....	8,847	1,183	8,734	7,710	2,256	28,828	668	23,442
Other sizes.....	1,434	234	436	4,125	719	18,914	2,910	12,288
High volatile:								
Slack, nut slack, etc.....	8,991	1,797	21,623	87	51,931	116,830	—	100,572
Prepared stoker.....	51,823	9,960	43,585	56,541	35,783	357,395	11,579	159,305
Other sizes.....	7,528	8,736	3,753	1,477	1,905	19,946	484	25,117
<b>Total bituminous</b> .....	<b>78,623</b>	<b>21,910</b>	<b>78,131</b>	<b>69,940</b>	<b>92,594</b>	<b>541,913</b>	<b>15,641</b>	<b>320,724</b>
<b>Total foreign coals</b> .....	<b>146,007</b>	<b>37,893</b>	<b>99,451</b>	<b>78,866</b>	<b>147,767</b>	<b>759,255</b>	<b>15,966</b>	<b>400,121</b>
Unspecified.....	18,266	1,279	2,368	1,907	6,061	20,259	1,733	15,307
<b>Total all coals</b> .....	<b>193,176</b>	<b>80,607</b>	<b>103,894</b>	<b>87,803</b>	<b>250,606</b>	<b>783,156</b>	<b>23,713</b>	<b>417,221</b>
<b>Coke (from coal):</b>								
Canadian made.....	43,646	3,853	875	93	2,816	2,585	46	111
United States made.....	—	—	71	—	—	13,760	—	2,799
<b>Total coke</b> .....	<b>43,646</b>	<b>3,853</b>	<b>946</b>	<b>93</b>	<b>2,816</b>	<b>16,345</b>	<b>46</b>	<b>2,910</b>
<b>Total coal and coke</b> .....	<b>236,822</b>	<b>84,460</b>	<b>104,840</b>	<b>87,896</b>	<b>253,422</b>	<b>799,501</b>	<b>23,759</b>	<b>420,131</b>

<sup>1</sup> Includes Northern Ontario and Northern Quebec.

TABLE 22. Consumption of Coal and Coke Reported by Industrial Consumers,<sup>1</sup> by Provinces, 1963

Type	Newfoundland and Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
net tons of 2,000 pounds										
<b>Canadian coals:</b>										
Bituminous:										
Eastern:										
Slack .....	—	596,674	503,708	1,492,637	972,147	—	—	—	—	3,565,166
Stoker .....	—	3,532	36,206	60,676	300	—	—	—	—	100,714
Other sizes .....	—	35,855	1,010	1,781	933	—	—	—	—	39,579
Western:										
Slack .....	—	—	—	—	13,204	140,988	531	—	138,487	293,210
Stoker .....	—	—	—	—	1,272	350	5	—	7,996	9,623
Other sizes .....	—	—	—	—	—	—	9,416	950	602	10,968
<b>Total bituminous .....</b>	—	<b>636,061</b>	<b>540,924</b>	<b>1,555,094</b>	<b>987,856</b>	<b>141,338</b>	<b>9,932</b>	<b>950</b>	<b>147,085</b>	<b>4,019,260</b>
Sub-bituminous .....	—	—	—	—	—	—	162,562	580,996	387	743,945
Lignite .....	—	—	—	—	107,259	246,885	969,738	—	—	1,323,882
<b>Total Canadian coals ..</b>	—	<b>636,061</b>	<b>540,924</b>	<b>1,555,094</b>	<b>1,095,115</b>	<b>388,223</b>	<b>1,142,252</b>	<b>581,946</b>	<b>147,472</b>	<b>6,087,087</b>
<b>Foreign coals:</b>										
Anthracite:										
United States .....	—	—	—	116,111	101,369	—	—	—	600	220,080
United Kingdom .....	—	—	—	832	—	—	—	—	—	832
<b>Total anthracite .....</b>	—	—	—	<b>118,943</b>	<b>101,369</b>	—	—	—	<b>600</b>	<b>220,912</b>
Bituminous (United States):										
Low volatile:										
Slack .....	—	—	—	5,739	100,741	—	—	—	—	106,480
Stoker .....	—	—	—	22,980	41,690	4,422	—	—	—	69,092
Other sizes .....	—	—	—	10,298	23,740	—	—	—	—	34,038
High volatile:										
Slack .....	—	—	—	67,867	4,850,240	384	—	—	—	4,918,291
Stoker .....	—	—	300	76,203	651,505	118	—	—	—	728,126
Other sizes .....	—	—	—	20,195	249,613	54	—	—	—	269,862
<b>Total bituminous .....</b>	—	—	<b>300</b>	<b>203,082</b>	<b>5,917,529</b>	<b>4,978</b>	—	—	—	<b>6,125,889</b>
<b>Total foreign coals .....</b>	—	—	<b>300</b>	<b>322,025</b>	<b>6,018,898</b>	<b>4,978</b>	—	—	<b>600</b>	<b>6,346,801</b>
<b>Total all coals .....</b>	—	<b>636,061</b>	<b>541,224</b>	<b>1,877,119</b>	<b>7,114,013</b>	<b>393,201</b>	<b>1,142,252</b>	<b>581,946</b>	<b>148,072</b>	<b>12,433,888</b>
<b>Coke:</b>										
Coal coke:										
Canadian made .....	—	412,007	1,033	123,696	3,537,242	1,674	—	2,101	75,872	4,153,625
United States made .....	—	—	—	4,562	175,708	1,584	—	3,106	1,937	186,897
Petroleum coke .....	—	—	—	388,921	115,874	—	—	—	167,632	672,427
<b>Total coke .....</b>	—	<b>412,007</b>	<b>1,033</b>	<b>517,179</b>	<b>3,828,824</b>	<b>3,258</b>	—	<b>5,207</b>	<b>245,441</b>	<b>5,012,949</b>
<b>Total coal and coke .....</b>	—	<b>1,048,068</b>	<b>542,257</b>	<b>2,394,298</b>	<b>10,942,837</b>	<b>396,459</b>	<b>1,142,252</b>	<b>587,153</b>	<b>393,513</b>	<b>17,446,837</b>

<sup>1</sup> Does not include firms using less than 500 tons of coal per annum.

TABLE 23. Consumption of Coal and Coke Reported by Industrial Consumers,<sup>1</sup> by Selected Areas in Quebec and Ontario, 1963

Type	Montreal area	Quebec City area	Kingston area	Northern area <sup>2</sup>	Ottawa area	Toronto area	North Western Ontario area	Windsor area
net tons of 2,000 pounds								
<b>Canadian coals:</b>								
Bituminous:								
Eastern:								
Slack .....	573,957	291,495	88,745	210,846	753,121	449,867	—	96,753
Stoker .....	38,862	21,435	—	379	—	300	—	—
Other sizes .....	1,669	112	—	—	—	933	—	—
Western:								
Slack .....	—	—	—	13,204	—	—	—	—
Stoker .....	—	—	—	—	1,272	—	—	—
Other sizes .....	—	—	—	—	—	—	—	—
<b>Total bituminous</b> .....	<b>614,488</b>	<b>313,042</b>	<b>88,745</b>	<b>224,429</b>	<b>754,393</b>	<b>451,100</b>	<b>—</b>	<b>96,753</b>
Sub-bituminous .....	—	—	—	—	—	—	—	—
Lignite .....	—	—	—	—	—	—	107,259	—
<b>Total Canadian coals</b> .....	<b>614,488</b>	<b>313,042</b>	<b>88,745</b>	<b>224,429</b>	<b>754,393</b>	<b>451,100</b>	<b>107,259</b>	<b>96,753</b>
<b>Foreign coals:</b>								
Anthracite:								
United States .....	118,096	2	—	22	—	98,694	2	2,664
United Kingdom .....	832	—	—	—	—	—	—	—
<b>Total anthracite</b> .....	<b>118,928</b>	<b>2</b>	<b>—</b>	<b>22</b>	<b>—</b>	<b>98,694</b>	<b>2</b>	<b>2,664</b>
Bituminous (United States):								
Low volatile:								
Slack .....	461	2,340	1,050	44,364	5,291	46,275	2,674	4,025
Stoker .....	21,547	1,433	—	1,065	—	35,620	—	5,005
Other sizes .....	9,549	—	—	4,982	918	9,807	6,867	1,895
High volatile:								
Slack .....	8,185	59,482	77,482	284,835	30,929	2,760,058	160,498	1,536,438
Stoker .....	62,508	10,766	45,088	113,934	9,044	371,123	8,097	107,148
Other sizes .....	15,626	2,875	—	2,993	—	58,762	1,984	187,568
<b>Total bituminous</b> .....	<b>117,876</b>	<b>76,896</b>	<b>123,620</b>	<b>452,173</b>	<b>46,182</b>	<b>3,281,645</b>	<b>180,140</b>	<b>1,842,079</b>
<b>Total foreign coals</b> .....	<b>236,804</b>	<b>76,898</b>	<b>123,620</b>	<b>452,195</b>	<b>46,182</b>	<b>3,380,339</b>	<b>180,142</b>	<b>1,844,743</b>
<b>Total all coals</b> .....	<b>851,292</b>	<b>389,940</b>	<b>212,365</b>	<b>676,624</b>	<b>800,575</b>	<b>3,831,439</b>	<b>287,401</b>	<b>1,941,496</b>
<b>Coke:</b>								
Coal coke:								
Canadian made .....	115,630	5,380	3,541	1,517,523	351	2,015,807	40	2,686
United States made .....	4,562	—	65	8,454	—	121,256	68	45,865
Petroleum coke .....	81,858	307,063	—	2,740	—	69,421	—	43,713
<b>Total coke</b> .....	<b>202,050</b>	<b>312,423</b>	<b>3,606</b>	<b>1,528,717</b>	<b>351</b>	<b>2,206,484</b>	<b>108</b>	<b>92,264</b>
<b>Total coal and coke</b> .....	<b>1,053,342</b>	<b>702,363</b>	<b>215,971</b>	<b>2,205,341</b>	<b>800,926</b>	<b>6,037,923</b>	<b>287,509</b>	<b>2,033,760</b>

<sup>1</sup> Does not include firms using less than 500 tons of coal per annum.<sup>2</sup> Includes Northern Ontario and Northern Quebec.

TABLE 24. Sales of Coal and Coke Reported by Retail Fuel Dealers, by Selected Cities, 1963

Type	Halifax	Saint John	Montreal	Quebec	Toronto	Hamilton	Ottawa	Windsor	Winnipeg	Greater Vancouver
	net tons of 2,000 pounds									
<b>Canadian coals:</b>										
Bituminous:										
Eastern:										
Lump, egg, stove and nut .....	6,570	3,788	10,658	20,767	—	—	1,793	—	—	—
All other sizes .....	47,768	8,817	4,257	2,675	—	—	81,330	—	—	—
Western:										
Lump, egg, stove and nut .....	—	—	—	—	—	—	139	—	2,003	5,028
All other sizes .....	—	—	780	—	—	—	10,693	—	1,714	13,578
<b>Total bituminous</b> .....	<b>54,338</b>	<b>12,605</b>	<b>15,695</b>	<b>23,442</b>	<b>—</b>	<b>—</b>	<b>93,955</b>	<b>—</b>	<b>3,717</b>	<b>18,806</b>
Sub-bituminous:										
Lump, egg, stove and nut .....	—	—	246	—	—	—	—	—	5,027	30,134
All other sizes .....	—	—	—	—	—	—	—	—	750	27,693
<b>Total sub-bituminous</b> .....	<b>—</b>	<b>—</b>	<b>246</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>5,777</b>	<b>57,827</b>
Lignite:										
Lump, egg, stove and nut .....	—	—	—	—	—	—	—	—	72,418	—
All other sizes .....	—	—	—	—	—	—	—	—	32,889	—
<b>Total lignite</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>105,302</b>	<b>—</b>
Briquettes .....	—	—	—	—	—	—	179	—	4,164	4,039
<b>Total Canadian coals</b> .....	<b>54,338</b>	<b>12,605</b>	<b>15,941</b>	<b>23,442</b>	<b>—</b>	<b>—</b>	<b>94,134</b>	<b>—</b>	<b>118,960</b>	<b>80,472</b>
<b>Foreign coals:</b>										
Anthracite:										
United States:										
Pea and larger .....	3,761	1,903	17,829	4,358	48,879	21,115	12,764	2,161	—	—
Smaller sizes .....	—	8	18,323	4,266	3,535	2,129	7,055	36	—	—
United Kingdom:										
Pea and larger .....	1,161	499	2,633	—	70	—	14,157	—	—	—
Smaller sizes .....	1,390	133	8,694	3,625	803	—	714	—	—	—
<b>Total anthracite</b> .....	<b>6,312</b>	<b>2,543</b>	<b>47,479</b>	<b>12,249</b>	<b>53,287</b>	<b>23,244</b>	<b>34,690</b>	<b>2,197</b>	<b>—</b>	<b>—</b>
Bituminous (United States):										
Low volatile:										
Slack and stoker .....	—	—	7,008	932	12,937	1,616	1,229	328	335	—
Other sizes .....	—	—	1,264	234	11,085	402	320	567	273	—
High volatile:										
Slack, nut slack, etc. ....	—	236	8,991	1,797	17,385	64,554	36,722	38,410	—	—
Prepared stoker .....	—	—	30,965	9,210	162,473	65,556	9,234	10,757	13,772	—
Other sizes .....	—	134	3,272	7,510	1,989	4,401	688	1,101	—	—
<b>Total bituminous</b> .....	<b>—</b>	<b>370</b>	<b>51,500</b>	<b>19,883</b>	<b>205,869</b>	<b>136,529</b>	<b>48,193</b>	<b>51,163</b>	<b>14,380</b>	<b>—</b>
<b>Total foreign coals</b> .....	<b>6,312</b>	<b>2,913</b>	<b>98,979</b>	<b>31,932</b>	<b>259,156</b>	<b>159,773</b>	<b>82,883</b>	<b>53,360</b>	<b>14,380</b>	<b>—</b>
Unspecified .....	117	420	6,388	208	598	—	—	24	708	—
<b>Total all coals</b> .....	<b>60,767</b>	<b>15,938</b>	<b>121,308</b>	<b>55,582</b>	<b>259,754</b>	<b>159,773</b>	<b>177,017</b>	<b>53,384</b>	<b>134,048</b>	<b>80,472</b>
<b>Coke (from coal):</b>										
Canadian made .....	720	84	41,917	442	1,109	995	2,117	—	3,126	—
United States made .....	—	—	—	—	1,949	—	—	208	—	—
<b>Total coke</b> .....	<b>720</b>	<b>84</b>	<b>41,917</b>	<b>442</b>	<b>3,058</b>	<b>995</b>	<b>2,117</b>	<b>208</b>	<b>3,126</b>	<b>—</b>
<b>Total coal and coke</b> .....	<b>61,487</b>	<b>16,022</b>	<b>163,225</b>	<b>56,024</b>	<b>262,812</b>	<b>160,768</b>	<b>179,134</b>	<b>53,592</b>	<b>137,174</b>	<b>80,472</b>

**TABLE 25. Coal Balance for the Calendar Year Ended December 31, 1962 and 1963**  
(Supplied by the Dominion Coal Board)

	Stock December 31, 1962	Stock December 31, 1963	Change in stock
	In thousands of short tons		
<b>Stocks:</b>			
Canadian bituminous coal:			
Industry .....	1,037	933	- 104
Dealers .....	158	135	- 23
Docks .....	350	209	- 141
Coke and gas plants .....	20	19	- 1
Railways .....	-	-	-
Bunkers .....	-	-	-
On bank at mines .....	218	228	+ 10
<b>Totals .....</b>	<b>1,783</b>	<b>1,524</b>	<b>- 259</b>
U.S. bituminous coal:			
Industry .....	2,767	3,271	+ 504
Dealers .....	420	414	- 6
Docks .....	1,280	1,205	- 75
Coke and gas plants .....	1,748	1,927	+ 179
Railways .....	-	-	-
Bunkers .....	-	-	-
<b>Totals .....</b>	<b>6,215</b>	<b>6,817</b>	<b>+ 602</b>
U.S. anthracite:			
Industry .....	75	99	+ 24
Dealers .....	88	93	+ 5
Dock operators .....	9	10	+ 1
<b>Totals .....</b>	<b>172</b>	<b>202</b>	<b>+ 30</b>
British anthracite:			
Industry .....	-	-	-
Dealers .....	9	6	- 3
Dock operators .....	10	7	- 3
<b>Totals .....</b>	<b>19</b>	<b>13</b>	<b>- 6</b>
Canadian coke:			
Industry .....	84	102	+ 18
Dealers .....	3	3	-
Coke and gas plants .....	170	196	+ 26
Dock operators .....	-	-	-
<b>Totals .....</b>	<b>257</b>	<b>301</b>	<b>+ 44</b>
U.S. coke from coal:			
Industry .....	16	43	+ 27
Dealers .....	1	2	+ 1
Dock operators .....	-	-	-
<b>Totals .....</b>	<b>17</b>	<b>45</b>	<b>+ 28</b>

TABLE 25. Coal Balance for the Calendar Year Ended December 31, 1962 and 1963 - Concluded

	Canadian	United States	Total	
	in thousands of short tons			
<b>Consumption:</b>				
<b>Bituminous:</b>				
Retail dealers sales (less briquettes) (domestic use) .....	1,306	1,298	2,604	
Direct from mines for domestic use .....	615	—	615	
Employees .....	117	—	117	
<b>Total sales for domestic use .....</b>	<b>2,038</b>	<b>1,298</b>	<b>3,336</b>	
Industrial .....	3,664	4,051	7,715	
Thermal .....	2,769	2,443	5,212	
Railways for consumption .....	182	125	307	
Coke and gas plants .....	682	5,041	5,723	
Bunkers for consumption .....	21	240	261	
Consumed at mines .....	175	—	175	
Exports .....	1,054	—	1,054	
<b>Totals .....</b>	<b>10,585</b>	<b>13,198</b>	<b>23,783</b>	
	British	United States	Total	
<b>Anthracite coal:</b>				
Retail dealers sales .....	36	448	484	
Industrial and other .....	1	242	243	
<b>Totals .....</b>	<b>37</b>	<b>690</b>	<b>727</b>	
	Canadian	United States	Petroleum	Total
<b>Coke:</b>				
Retail dealers sales (domestic use) .....	61	17	—	78
Direct from plant for domestic use .....	15	—	—	15
<b>Total sales for domestic use .....</b>	<b>76</b>	<b>17</b>	<b>—</b>	<b>93</b>
Industrial .....	4,145	196	—	4,341
Exported .....	136	—	—	136
<b>Totals .....</b>	<b>4,357</b>	<b>213</b>	<b>—</b>	<b>4,570</b>
	Canadian	United States	Total	
<b>Balance:</b>				
<b>Bituminous coal:</b>				
Produced and imported .....	10,576	13,933	24,501	
Change in stock .....	+ 259	- 602	- 343	
Available for consumption .....	10,835	13,331	24,166	
Reported consumed .....	10,585	13,198	23,783	
	British	United States	Total	
<b>Anthracite coal:</b>				
Imported .....	16	791	807	
Change in stock .....	+ 6	- 30	- 24	
Available for consumption .....	22	761	783	
Reported consumed .....	37	690	727	
	Canadian	United States	Petroleum	Total
<b>Coke:</b>				
Produced and imported .....	4,281	213	—	4,494
Change in stock .....	- 44	- 28	—	- 72
Available for consumption .....	4,237	185	—	4,422
Reported consumed .....	4,357	213	—	4,570

TABLE 26. Imported Fuel Briquettes "Landed in Canada", 1961-63

Province	1961	1962	1963
	short tons		
Newfoundland .....	—	—	—
Prince Edward Island .....	—	—	—
Nova Scotia .....	—	—	—
New Brunswick .....	—	—	—
Quebec .....	346	—	—
Central Ontario .....	3,896	3,248	3,785
Manitoba and Head of Lakes .....	5,876	3,215	3,555
Saskatchewan .....	31	17	41
Alberta .....	—	—	—
British Columbia .....	—	30	312
<b>Canada</b> .....	<b>10,149</b>	<b>6,510</b>	<b>7,693</b>

TABLE 27. Production of Coke, 1954-63

Year	Bee-hive and by-product coke	Gas retort coke	Total
	short tons		
1954 .....	3,228,213	183,415	3,411,628
1955 .....	3,956,642	72,286	4,028,928
1956 .....	4,260,104	60,512	4,320,616
1957 .....	4,053,919	63,704	4,117,623
1958 .....	..	..	3,474,985
1959 .....	..	..	4,094,882
1960 .....	..	..	3,872,802
1961 .....	..	..	3,899,545
1962 .....	..	..	4,021,774
1963 .....	..	..	4,280,797

TABLE 28. Bituminous Coal Used in Coke Making, 1963

	Canadian	Imported	Total	Coke made
	short tons			
January .....	63,484	392,510	455,994	340,219
February .....	57,368	386,284	443,652	331,922
March .....	59,275	432,540	491,815	364,110
April .....	53,902	421,158	475,060	357,285
May .....	51,783	436,781	488,564	362,585
June .....	51,462	427,402	478,864	354,800
July .....	52,172	440,199	492,371	367,442
August .....	51,086	436,881	487,967	362,764
September .....	52,171	416,526	468,697	350,539
October .....	58,294	433,824	492,118	366,642
November .....	57,192	419,827	477,019	354,747
December .....	55,701	430,801	486,502	367,742
<b>Totals</b> .....	<b>663,890</b>	<b>5,074,733</b>	<b>5,738,623</b>	<b>4,280,797</b>

TABLE 29. Disposition of Coke by the Producers, 1963 (Exclusive of petroleum and pitch coke)

	Used		Sold				Total disposition
	In blast furnaces	Other uses <sup>1</sup>	For domestic use	For industrial use	To dealers for resale	For export	
	short tons						
January .....	256,904	17,979	1,470	51,588	5,030	12,559	345,530
February .....	235,955	22,007	1,306	35,654	4,477	11,881	311,280
March .....	282,187	17,071	1,029	34,429	6,501	10,358	351,575
April .....	290,513	15,981	609	36,825	5,010	9,411	358,349
May .....	301,028	13,284	259	41,390	1,562	10,044	367,567
June .....	295,691	18,585	70	38,065	1,390	8,793	362,594
July .....	292,867	27,463	4,375	30,505	1,199	10,375	366,784
August .....	298,563	20,489	1,861	33,521	1,935	11,961	369,330
September .....	288,349	12,615	748	40,247	3,017	10,653	355,629
October .....	301,279	9,911	846	44,415	3,059	10,020	369,530
November .....	297,480	10,107	1,003	33,448	4,551	9,948	356,537
December .....	280,934	27,796	1,413	40,693	2,443	11,130	364,409
<b>Totals</b> .....	<b>3,421,750</b>	<b>213,288</b>	<b>14,989</b>	<b>460,780</b>	<b>40,174</b>	<b>127,133</b>	<b>4,278,114</b>

<sup>1</sup> Includes coke used as fuel, in making gas and in associated works of steel plants.

TABLE 30. Production, Landed Imports and Exports of Coke, by Months, 1962 and 1963

	Production		Landed imports		Exports		Available for consumption	
	1962	1963	1962	1963	1962	1963	1962	1963
	short tons							
January .....	317,157	340,219	18,072	9,900	11,265	15,621	323,964	334,498
February .....	291,557	331,922	11,758	17,847	10,605	12,288	292,710	337,481
March .....	342,502	364,110	17,520	26,041	11,047	10,409	348,975	379,742
April .....	328,214	357,285	26,660	26,779	9,573	9,108	345,301	374,956
May .....	343,668	362,585	24,470	30,182	9,090	13,893	359,048	376,874
June .....	348,575	354,800	24,133	21,868	8,281	9,480	364,427	367,188
July .....	359,775	367,442	21,542	16,069	7,522	11,483	373,795	372,028
August .....	361,609	362,764	28,254	14,755	8,897	11,116	380,966	366,403
September .....	346,371	350,539	18,440	11,604	10,471	10,595	354,340	351,548
October .....	343,534	366,642	11,704	11,123	14,041	10,158	341,197	367,607
November .....	316,850	354,747	17,043	17,764	15,147	9,833	318,746	362,678
December .....	321,962	367,742	7,324	9,225	10,085	12,332	319,201	364,635
<b>Totals .....</b>	<b>4,021,774</b>	<b>4,280,797</b>	<b>226,920</b>	<b>213,157</b>	<b>126,024</b>	<b>136,316</b>	<b>4,122,670</b>	<b>4,357,638</b>

TABLE 31. Average Value of Coal f.o.b. Mines: Labour, Fuel and Electricity Costs per Ton Raised, by Provinces and Districts, 1962 and 1963

	1962			1963		
	Average value per ton	Average labour cost per ton	Fuel and electricity cost per ton	Average value per ton	Average labour cost per ton	Fuel and electricity cost per ton
	dollars					
<b>Nova Scotia:</b>						
Bituminous:						
Cape Breton .....	9.907	5.405	.516	9.803	5.251	.452
Cumberland .....	9.034	3.343	.526	8.687	5.538	.550
Inverness .....	7.760	5.323	.570	8.193	6.141	.832
Pictou .....	10.752	5.648	.318	10.648	6.228	.271
<b>Totals .....</b>	<b>9.920</b>	<b>4.629</b>	<b>.503</b>	<b>9.812</b>	<b>5.332</b>	<b>.419</b>
<b>New Brunswick:</b>						
Bituminous .....	8.279	3.244	.735	8.160	3.365	.816
<b>Saskatchewan:</b>						
Lignite .....	2.018	.461	.962	1.982	.481	.093
<b>Alberta:</b>						
Bituminous:						
Cascade .....	7.721	4.814	.544	7.915	5.043	.507
Coalspur .....	7.439	3.694	.117	7.328	3.458	.125
Crowsnest .....	6.828	4.551	.452	6.495	3.867	.557
Halcourt .....	—	—	—	8.000	—	—
Lethbridge .....	7.718	5.054	.314	7.685	5.317	.369
<b>Totals, bituminous .....</b>	<b>7.262</b>	<b>4.694</b>	<b>.467</b>	<b>7.085</b>	<b>4.385</b>	<b>.520</b>
Sub-bituminous:						
Ardley .....	3.563	.732	.192	3.553	.492	.165
Brooks .....	6.373	3.253	1.172	6.250	4.122	1.103
Camrose .....	3.807	1.764	.301	3.628	1.342	.322
Carbon .....	5.765	1.946	.277	5.732	1.876	.268
Castor .....	2.742	.842	.169	2.594	.667	.181
Champion .....	7.208	4.732	.102	7.127	5.080	.507
Drumheller .....	6.596	2.583	.192	6.153	1.941	.170
Edmonton .....	4.740	2.996	.196	4.819	2.670	.174
Gleichen .....	8.213	4.550	1.266	8.663	3.316	.897
Pembina .....	1.801	1.251	.131	1.389	.752	.831
Redcliff .....	7.923	5.379	.567	7.915	5.102	.614
Sheerness .....	2.383	.874	.141	2.299	.686	.202
Taber .....	5.837	2.807	.501	5.194	2.934	.480
Tofield .....	2.884	1.208	.467	2.842	1.073	.450
Westlock .....	3.386	.792	.200	3.544	.779	.266
Wetaskiwin .....	5.302	1.437	.627	5.451	1.553	.678
Whitecourt .....	—	—	—	—	—	—
<b>Totals, sub-bituminous .....</b>	<b>3.796</b>	<b>1.545</b>	<b>.193</b>	<b>3.241</b>	<b>1.121</b>	<b>.178</b>
<b>Totals, Alberta .....</b>	<b>4.776</b>	<b>2.435</b>	<b>.270</b>	<b>4.308</b>	<b>2.027</b>	<b>.273</b>
<b>British Columbia:</b>						
Bituminous:						
Crow's Nest Pass .....	6.323	2.991	.334	6.104	2.599	.290
Inland .....	7.496	6.423	.604	8.206	1.038	1.006
Island .....	9.666	5.730	.446	9.329	5.709	.304
<b>Totals .....</b>	<b>6.632</b>	<b>3.265</b>	<b>.346</b>	<b>6.366</b>	<b>2.878</b>	<b>.304</b>
<b>Yukon:</b>						
Bituminous .....	15.060	6.625	.748	15.025	5.037	.530
<b>Canada .....</b>	<b>6.724</b>	<b>3.343</b>	<b>.371</b>	<b>6.785</b>	<b>3.369</b>	<b>.353</b>

TABLE 32. Employees, Salaries and Wages in Coal Mines, by Provinces, 1962 and 1963

Province	Average number of employees			Salaries and wages			
	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
		Surface	Underground				
	number			dollars			
<b>1962</b>							
Nova Scotia .....	488	679	5,241	6,408	1,781,037	20,802,386	22,583,423
New Brunswick .....	57	457	289	803	262,642	2,382,990	2,645,632
Saskatchewan .....	33	181	—	214	151,865	888,403	1,040,268
Alberta .....	178	499	615	1,292	745,784	4,337,348	5,083,132
British Columbia .....	64	153	527	744	374,253	2,607,491	2,981,744
Yukon .....	1	2	6	9	6,748	43,929	50,677
<b>Canada .....</b>	<b>821</b>	<b>1,971</b>	<b>6,678</b>	<b>9,470</b>	<b>3,328,829</b>	<b>31,056,047</b>	<b>34,384,876</b>
<b>1963</b>							
Nova Scotia .....	447	631	4,985	6,063	1,780,604	22,506,738	24,287,342
New Brunswick .....	52	464	304	820	372,119	2,610,306	2,982,425
Saskatchewan .....	33	163	—	196	162,285	738,490	900,775
Alberta .....	166	456	537	1,159	600,375	4,041,155	4,641,530
British Columbia .....	60	153	444	657	339,927	2,430,807	2,770,734
Yukon .....	1	1	6	8	7,160	34,300	41,460
<b>Canada .....</b>	<b>759</b>	<b>1,868</b>	<b>6,276</b>	<b>8,903</b>	<b>3,262,470</b>	<b>32,361,796</b>	<b>35,624,266</b>

Note: Data on administrative and office employees and their earnings refer only to those employed at the mines.

TABLE 33. Employment at Coal Mines, 1962 and 1963

	1962			1963		
	Shaft mines	Strip mines	Total	Shaft mines	Strip mines	Total
<b>Average number of employees:</b>						
Surface .....	1,405	933	2,338	1,285	925	2,210
Underground .....	7,132	—	7,132	6,693	—	6,693
<b>Totals .....</b>	<b>8,537</b>	<b>933</b>	<b>9,470</b>	<b>7,978</b>	<b>925</b>	<b>8,903</b>
<b>Man-days worked:</b>						
Surface .....	354,737	244,220	598,957	355,215	246,898	602,113
Underground .....	1,549,463	—	1,549,463	1,637,273	—	1,637,273
<b>Totals .....</b>	<b>1,904,200</b>	<b>244,220</b>	<b>2,148,420</b>	<b>1,992,488</b>	<b>246,898</b>	<b>2,239,386</b>
<b>Average number of man-days worked during year:</b>						
By surface employees .....	252	262	256	276	267	272
By underground employees .....	217	—	217	245	—	245
<b>By all employees .....</b>	<b>223</b>	<b>262</b>	<b>227</b>	<b>250</b>	<b>267</b>	<b>251</b>

TABLE 34. Employment at Coal Mines, by Months and by Provinces, 1962 and 1963

Month and year	Nova Scotia	New Brunswick	Saskatchewan	Alberta	British Columbia	Yukon	Canada
<b>January:</b>							
1962 .....	6,708	841	228	1,523	838	17	10,155
1963 .....	6,095	806	228	1,434	689	8	9,260
<b>February:</b>							
1962 .....	6,717	966	231	1,469	833	15	10,231
1963 .....	6,054	795	231	1,389	696	8	9,173
<b>March:</b>							
1962 .....	6,789	883	234	1,271	810	14	9,981
1963 .....	6,036	600	230	1,234	681	9	8,990
<b>April:</b>							
1962 .....	6,685	856	199	1,128	765	10	9,643
1963 .....	6,084	815	165	1,053	672	9	8,798
<b>May:</b>							
1962 .....	6,680	824	201	1,087	759	6	9,559
1963 .....	6,065	782	163	977	604	11	8,602
<b>June:</b>							
1962 .....	6,623	771	195	1,108	726	8	9,431
1963 .....	6,047	775	172	964	592	5	8,556
<b>July:</b>							
1962 .....	6,609	720	184	1,020	691	8	9,232
1963 .....	6,073	856	173	859	638	7	8,606
<b>August:</b>							
1962 .....	6,398	708	203	1,197	693	6	9,205
1963 .....	5,976	791	183	1,022	675	9	8,656
<b>September:</b>							
1962 .....	6,098	711	212	1,349	711	8	9,089
1963 .....	6,038	848	194	1,141	660	9	8,890
<b>October:</b>							
1962 .....	6,000	728	226	1,440	709	8	9,111
1963 .....	5,923	857	199	1,212	644	8	8,843
<b>November:</b>							
1962 .....	5,872	789	231	1,464	706	8	9,070
1963 .....	6,145	865	206	1,298	689	10	9,195
<b>December:</b>							
1962 .....	5,745	844	230	1,444	693	8	8,964
1963 .....	6,201	873	210	1,305	666	10	9,265
<b>Average:</b>							
1962 .....	6,408	800	214	1,275	744	9	9,472
1963 .....	6,061	822	196	1,157	657	9	8,903

TABLE 35. Employment and Man-days Worked, by Months, 1963, with Comparative Totals for 1962

Month	Number of employees			Man-days worked		
	Surface	Underground	Total	Surface	Underground	Total
January .....	2,351	6,909	9,260	57,773	157,027	214,800
February .....	2,338	6,835	9,173	50,871	137,676	188,547
March .....	2,282	6,708	8,990	49,877	131,445	181,322
April .....	2,116	6,682	3,798	46,407	133,391	179,798
May .....	2,033	6,569	8,602	47,670	147,323	194,993
June .....	2,012	6,543	8,555	43,608	127,135	170,743
July .....	2,088	6,518	8,606	45,838	141,442	187,280
August .....	2,114	6,542	8,656	43,377	90,767	134,144
September .....	2,237	6,653	8,890	49,963	139,251	169,214
October .....	2,256	6,587	8,843	56,377	157,512	213,889
November .....	2,340	6,855	9,195	55,564	142,892	198,476
December .....	2,353	6,912	9,265	54,768	131,412	186,180
<b>Totals for 1963 .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>602,113</b>	<b>1,637,273</b>	<b>2,242,386</b>
<b>Totals for 1962 .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>598,957</b>	<b>1,549,463</b>	<b>2,148,420</b>

TABLE 36. Employment at Coal Mines, by Classes and by Provinces, 1963, with Comparative Totals for 1962

Classification	Province						Canada		
	Nova Scotia	New Brunswick	Saskatchewan	Alberta	British Columbia	Yukon	Surface	Underground	Total
<b>Underground mines</b>									
Mine manager, underground manager, overmen, pit bosses, fire bosses, foremen, etc. ....	385	10	-	78	46	1	103	417	520
Administrative and office staff .....	61	11	-	45	13	-	130	-	130
Foremen and other officials on wages .....	66	7	-	34	19	-	20	106	126
Miners; all men on hand and mechanical production .....	1,094	275	-	309	223	4	-	1,905	1,905
Maintenance; timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics .....	2,355	22	-	98	101	1	123	2,454	2,577
Transportation; drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen .....	1,079	13	-	137	105	1	123	1,212	1,335
Tipple, preparation and shipping .....	168	9	-	71	69	-	317	-	317
Powerhouse, boilers and shops .....	182	5	-	33	52	1	273	-	273
Miscellaneous .....	672	14	-	99	10	-	196	599	795
<b>Strip mines</b>									
(Includes employees of contractors)									
Salaried employees .....	-	33	33	42	1	-	109	-	109
Wage-earners .....	-	423	163	212	16	-	816	-	816
<b>Totals for 1963 .....</b>	<b>6,062</b>	<b>622</b>	<b>196</b>	<b>1,158</b>	<b>657</b>	<b>8</b>	<b>2,210</b>	<b>6,693</b>	<b>8,903</b>
<b>Totals for 1962 .....</b>	<b>6,408</b>	<b>803</b>	<b>214</b>	<b>1,292</b>	<b>744</b>	<b>9</b>	<b>2,338</b>	<b>7,132</b>	<b>9,470</b>

TABLE 37. Average Output of Coal per Man-day, by Provinces and Districts, 1962 and 1963

	1962			1963		
	Number of man-days	Output	Average output per man-day	Number of man-days	Output	Average output per man-day
		short tons			short tons	
<b>Nova Scotia:</b>						
Cape Breton.....	1,279,458	3,746,604	2.928	1,378,391	4,100,627	2.975
Cumberland.....	41,034	103,199	2.515	44,109	104,240	2.363
Inverness.....	17,601	51,697	2.937	23,034	56,764	2.464
Pictou.....	115,321	303,279	2.630	120,237	293,313	2.439
<b>Totals.....</b>	<b>1,453,414</b>	<b>4,204,779</b>	<b>2.893</b>	<b>1,565,771</b>	<b>4,554,944</b>	<b>2.909</b>
<b>New Brunswick.....</b>	<b>204,337</b>	<b>815,529</b>	<b>3.991</b>	<b>221,704</b>	<b>886,336</b>	<b>3.998</b>
<b>Saskatchewan.....</b>	<b>50,309</b>	<b>2,256,306</b>	<b>44.849</b>	<b>45,349</b>	<b>1,873,556</b>	<b>41.314</b>
<b>Alberta:</b>						
<b>Bituminous:</b>						
Cascade.....	53,644	217,050	4.046	53,969	215,269	3.988
Coalspur.....	2,107	6,263	2.972	1,573	5,206	3.309
Crowsnest.....	65,914	300,983	4.566	69,701	360,268	5.169
Halcourt.....	—	—	—	56	280	5.000
Lethbridge.....	20,663	65,843	3.186	17,616	54,627	3.101
<b>Totals, bituminous.....</b>	<b>142,328</b>	<b>590,139</b>	<b>4.146</b>	<b>142,915</b>	<b>635,650</b>	<b>4.448</b>
<b>Sub-bituminous:</b>						
Ardley.....	3,494	39,817	11.396	3,101	38,405	12.384
Brooks.....	2,123	7,652	3.604	1,549	6,633	4.282
Camrose.....	3,262	24,943	7.646	2,347	23,019	9.808
Carbon.....	3,720	18,009	4.841	2,653	15,195	5.727
Castor.....	24,805	513,148	20.687	20,059	569,868	28.409
Champion.....	2,211	4,843	2.190	1,741	3,710	2.131
Drumheller.....	44,723	342,240	7.652	32,920	305,508	9.280
Edmonton.....	20,577	90,111	4.379	17,021	85,316	5.012
Gleichen.....	1,155	2,116	1.832	508	1,470	2.893
Pembina.....	12,893	196,271	15.223	14,705	358,275	24.366
Redcliff.....	956	2,211	2.313	767	2,023	2.637
Sheerness.....	7,848	174,167	22.192	6,472	174,601	28.978
Taber.....	5,997	37,977	6.333	4,397	28,967	6.588
Tofield.....	1,720	20,062	11.664	1,674	17,550	10.484
Westlock.....	1,776	20,820	11.723	2,514	21,178	8.424
Wetaskiwin.....	311	2,784	8.952	246	2,575	10.467
<b>Totals, sub-bituminous.....</b>	<b>137,571</b>	<b>1,497,171</b>	<b>10.883</b>	<b>112,674</b>	<b>1,654,293</b>	<b>14.682</b>
<b>Totals, Alberta.....</b>	<b>279,899</b>	<b>2,087,310</b>	<b>7.457</b>	<b>255,589</b>	<b>2,289,943</b>	<b>8.959</b>
<b>British Columbia:</b>						
Crow's Nest Pass.....	128,140	823,786	6.429	122,864	882,803	7.104
Inland.....	1,927	7,781	4.038	1,508	4,343	2.880
Island.....	27,277	81,629	2.993	24,190	75,538	3.123
<b>Totals.....</b>	<b>157,344</b>	<b>913,196</b>	<b>5.804</b>	<b>148,562</b>	<b>962,684</b>	<b>6.480</b>
<b>Yukon.....</b>	<b>3,117</b>	<b>7,649</b>	<b>2.454</b>	<b>2,441</b>	<b>8,231</b>	<b>3.372</b>
<b>Canada.....</b>	<b>2,148,420</b>	<b>10,284,789</b>	<b>4.787</b>	<b>2,239,416</b>	<b>10,575,694</b>	<b>4.722</b>

TABLE 38. Average Output of Coal per Man-day, by Strip and Underground Mines, and by Provinces, 1962 and 1963

Year	1962			1963		
	Number of man-days	Output	Average output per man-day	Number of man-days	Output	Average output per man-day
		short tons			short tons	
<b>Nova Scotia:</b>						
Strip mines .....	—	—	—	—	—	—
Underground .....	1,453,414	4,204,779	2.893	1,565,771	4,554,944	2.909
<b>New Brunswick:</b>						
Strip mines .....	124,200	671,522	5.407	134,762	730,194	5.419
Underground .....	80,137	144,007	1.797	86,942	156,142	1.795
<b>Saskatchewan:</b>						
Strip mines .....	50,309	2,256,306	44.849	45,349	1,873,556	41.314
Underground .....	—	—	—	—	—	—
<b>Alberta:</b>						
Strip mines .....	66,971	1,074,515	16.044	62,228	1,328,967	21.356
Underground .....	212,928	1,012,795	4.756	193,361	960,976	4.970
<b>British Columbia:</b>						
Strip mines .....	2,740	107,785	39.337	4,559	98,489	21.603
Underground .....	154,604	805,411	5.209	144,003	864,195	6.001
<b>Yukon:</b>						
Underground .....	3,117	7,649	2.454	2,441	8,231	3.372
<b>Canada:</b>						
Strip mines .....	244,220	4,110,128	16.830	246,898	4,031,206	16.327
Underground .....	1,904,200	6,174,641	3.243	1,992,518	6,544,488	3.285
<b>Totals</b> .....	<b>2,148,420</b>	<b>10,284,769</b>	<b>4.787</b>	<b>2,239,416</b>	<b>10,575,694</b>	<b>4.722</b>

TABLE 39. Capital and Repair Expenditures, 1955-63

Year	Capital expenditures			Repair expenditures			Capital and repair expenditures		
	Con-struction	Machinery	Total	Con-struction	Machinery	Total	Con-struction	Machinery	Total
	thousands of dollars								
1955 .....	764	3,351	4,115	1,400	4,569	5,969	2,164	7,920	10,084
1956 .....	638	5,875	6,513	1,380	5,198	6,578	2,018	11,073	13,091
1957 .....	552	3,738	4,290	1,083	5,024	6,107	1,635	8,762	10,397
1958 .....	861	3,217	3,878	827	3,987	4,814	1,488	7,204	8,692
1959 .....	682	2,792	3,474	849	2,677	3,526	1,531	5,469	7,000
1960 .....	2,478	2,675	5,153	743	3,395	4,138	3,221	6,070	9,291
1961 .....	496	2,494	2,990	403	3,771	4,174	899	6,265	7,164
1962 .....	392	5,598	5,990	524	3,109	3,633	916	8,707	9,623
1963 <sup>P</sup> .....	419	2,254	2,673	580	3,577	4,157	999	5,831	6,830

## SECTION II

### NEWFOUNDLAND

**TABLE 40. Imported Coal<sup>1</sup> "Landed" in Newfoundland, by Kinds, 1963**

Source	Anthracite	Bituminous	Total
	short tons		
United States .....	1,611	5,193	6,804
Great Britain .....	860	—	860
<b>Totals</b> .....	<b>2,471</b>	<b>5,193</b>	<b>7,664</b>

<sup>1</sup> The total tonnage of foreign coal received at Newfoundland ports of entry. See page 3, Section 2, for explanations

**TABLE 41. Summary of Coal Statistics for Newfoundland in 1963 — Interprovincial Shipments, Landed Imports and Coal available for Consumption, by Months and by Kinds**

Month	Canadian coal received from other provinces	Imported coal		Available for consumption
		From United States	From Great Britain	
	short tons			
January:				
Anthracite .....	—	—	—	—
Bituminous .....	10,890	—	—	10,890
<b>Totals</b> .....	<b>10,890</b>	<b>—</b>	<b>—</b>	<b>10,890</b>
February:				
Bituminous .....	2,706	—	—	2,706
March:				
Anthracite .....	—	—	—	—
Bituminous .....	2,957	—	—	2,957
<b>Totals</b> .....	<b>2,957</b>	<b>—</b>	<b>—</b>	<b>2,957</b>
April:				
Anthracite .....	—	280	—	280
Bituminous .....	2,970	2,011	—	4,981
<b>Totals</b> .....	<b>2,970</b>	<b>2,291</b>	<b>—</b>	<b>5,261</b>
May:				
Bituminous .....	2,823	—	—	2,823
June:				
Bituminous .....	2,047	—	—	2,047
July:				
Anthracite .....	—	—	—	—
Bituminous .....	3,293	—	—	3,293
<b>Totals</b> .....	<b>3,293</b>	<b>—</b>	<b>—</b>	<b>3,293</b>
August:				
Bituminous .....	5,457	—	—	5,457
September:				
Anthracite .....	—	101	—	101
Bituminous .....	11,356	—	—	11,356
<b>Totals</b> .....	<b>11,356</b>	<b>101</b>	<b>—</b>	<b>11,457</b>
October:				
Anthracite .....	—	251	—	251
Bituminous .....	11,349	1,934	—	13,283
<b>Totals</b> .....	<b>11,349</b>	<b>2,185</b>	<b>—</b>	<b>13,534</b>
November:				
Anthracite .....	—	—	860	860
Bituminous .....	9,432	773	—	10,205
<b>Totals</b> .....	<b>9,432</b>	<b>773</b>	<b>860</b>	<b>11,065</b>
December:				
Anthracite .....	—	979	—	979
Bituminous .....	12,153	475	—	12,628
<b>Totals</b> .....	<b>12,153</b>	<b>1,454</b>	<b>—</b>	<b>13,607</b>
<b>Totals:</b>				
Anthracite .....	—	1,611	860	2,471
Bituminous .....	77,433	5,193	—	82,626
<b>Totals</b> .....	<b>77,433</b>	<b>6,804</b>	<b>860</b>	<b>85,097</b>

TABLE 42. Sales and Stocks of Coal by Retail Fuel Dealers in Newfoundland, 1962 and 1963

Kind	Sales		Stocks	
	1962	1963	December 31, 1962	December 31, 1963
	short tons			
<b>Anthracite:</b>				
United States:				
Pea and larger .....	1,810	1,719	409	386
Other sizes .....	-	-	-	-
United Kingdom:				
Pea and larger .....	2,678	482	275	388
Other sizes .....	-	-	-	-
<b>Bituminous:</b>				
United States:				
Low volatile:				
Slack and stoker .....	-	-	-	-
Other sizes .....	1,959	2,224	409	355
High volatile:				
Slack .....	-	-	-	-
Stoker .....	-	-	-	-
Other sizes .....	16,474	2,931	2,823	3,069
Miscellaneous (including briquettes) .....	4,981	3,300	175	239
Canadian bituminous .....	69,840	68,475	21,835	11,840
<b>Coke:</b>				
From coal .....	-	-	-	-
<b>Total coal and coke .....</b>	<b>97,742</b>	<b>79,131</b>	<b>25,926</b>	<b>16,277</b>

## SECTION III

### PRINCE EDWARD ISLAND

**TABLE 43. Summary of Coal Statistics for Prince Edward Island in 1963 - Exports, Interprovincial Shipments, Landed Imports and Coal available for Consumption, by Months and by Kinds**

Month	Canadian coal received from other provinces	Exports	Imports	Available for consumption
		short tons		
January:				
Bituminous .....	1,223	-	-	1,223
February:				
Bituminous .....	1,664	-	-	1,664
March:				
Bituminous .....	2,410	-	-	2,410
April:				
Bituminous .....	1,883	-	-	1,883
May:				
Bituminous .....	898	-	-	898
June:				
Bituminous .....	6,162	-	-	6,162
July:				
Bituminous .....	5,996	-	-	5,996
August:				
Bituminous .....	1,857	-	-	1,857
September:				
Bituminous .....	3,403	-	-	3,403
October:				
Bituminous .....	2,459	-	-	2,459
November:				
Bituminous .....	2,509	-	-	2,509
December:				
Bituminous .....	728	-	-	728
<b>Totals .....</b>	<b>31,192</b>	<b>-</b>	<b>-</b>	<b>31,192</b>

**TABLE 44. Sales and Stocks of Coal and Coke by Retail Fuel Dealers in Prince Edward Island, 1962 and 1963**

Kind	Sales		Stocks	
	1962	1963	December 31, 1962	December 31, 1963
			short tons	
<b>Anthracite:</b>				
United States:				
Pea and larger .....	979	958	270	235
Other sizes .....	-	-	-	-
United Kingdom:				
Pea and larger .....	52	-	-	-
<b>Bituminous:</b>				
United States:				
Low volatile:				
Slack and stoker .....	310	42	33	35
Other sizes .....	144	118	8	60
High volatile:				
Slack .....	-	265	-	-
Stoker .....	20	-	-	-
Other sizes .....	5,374	4,229	314	510
Miscellaneous (including briquettes) .....	2,239	2,122	125	106
Canadian bituminous .....	14,150	14,571	618	968
<b>Coke:</b>				
From coal .....	462	441	60	40
<b>Total coal and coke .....</b>	<b>23,730</b>	<b>22,746</b>	<b>1,428</b>	<b>1,954</b>

## SECTION IV

### NOVA SCOTIA

**TABLE 45. Output of Coal from Nova Scotia Mines, 1954-63**

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1954 .....	5,842,896	51,938,299	1959 .....	4,391,829	43,730,600
1955 .....	5,731,026	49,852,554	1960 .....	4,570,240	44,981,257
1956 <sup>1</sup> .....	5,775,025	50,931,178	1961 .....	4,300,758	41,716,107
1957 .....	5,685,770	52,877,614	1962 <sup>2</sup> .....	4,204,779	41,713,202
1958 .....	5,269,879	50,347,951	1963 .....	4,554,944	44,693,053

<sup>1</sup> Does not include 802 tons recovered from harbour dredging operations.

<sup>2</sup> Does not include 458 tons reclaimed from Mira Bay, Cape Breton.

**TABLE 46. Output of Coal from Nova Scotia Mines, by Months, 1960-63**

Month	1960	1961	1962	1963
	short tons			
January .....	448,284	358,574	325,167	434,341
February .....	457,020	352,381	279,623	385,905
March .....	485,578	264,670	341,034	371,450
April .....	342,485	346,035	274,138	400,599
May .....	334,385	480,976	386,406	450,493
June .....	321,374	399,485	384,827	354,867
July .....	375,074	364,892	453,054	423,578
August .....	185,249	145,120	209,110	206,905
September .....	458,306	364,574	374,127	384,361
October .....	391,444	427,129	421,127	417,825
November .....	438,506	428,907	411,522	393,562
December .....	332,535	368,035	344,644	331,058
<b>Totals .....</b>	<b>4,570,240</b>	<b>4,300,758</b>	<b>4,204,779</b>	<b>4,554,944</b>

**TABLE 47. Output of Coal by Districts, and by Principal Operators in Nova Scotia, 1961-63**

Name	Address	1961	1962	1963
		short tons		
<b>Cape Breton District:</b>				
Bras d'Or Coal Co., Ltd. ....	Bras d'Or .....	103,221	116,603	122,204
Dominion Coal Co. Ltd. ....	Sydney .....	3,129,251	2,987,634	3,271,888
Indian Cove Coal Co. Ltd. ....	Sydney Mines .....	38,418	32,301	11,419
Old Sydney Collieries Ltd. <sup>1</sup> .....	Sydney Mines .....	537,326	610,066	695,116
All other operators .....	.....	4,840	—	—
<b>Totals .....</b>	.....	<b>3,613,056</b>	<b>3,746,604</b>	<b>4,100,627</b>
<b>Cumberland District:</b>				
Joggins Coal Co. Ltd. ....	Amherst .....	45,979	—	—
River Hebert Coal Co. Ltd. ....	River Hebert .....	24,696	58,468	56,343
Springhill Coal Mines Ltd. ....	Springhill .....	50,446	44,731	47,517
All other operators .....	.....	—	—	380
<b>Totals .....</b>	.....	<b>121,121</b>	<b>103,199</b>	<b>104,240</b>
<b>Inverness District:</b>				
Campbell Mine Ltd. ....	Inverness .....	647	—	—
Doucet S.J. & Sons Ltd. ....	Inverness .....	5,911	—	—
Evans Coal Mines Ltd. ....	Chimney Corner .....	29,684	31,940	29,546
Inverness Industries Ltd. <sup>2</sup> .....	Inverness .....	18,662	19,477	26,371
All other operators .....	.....	68	280	847
<b>Totals .....</b>	.....	<b>54,992</b>	<b>51,697</b>	<b>56,764</b>
<b>Pictou District:</b>				
Acadia Coal Co. Ltd. <sup>3</sup> .....	Stellarton .....	239,534	225,963	215,941
Greenwood Coal Co. Ltd. ....	New Glasgow .....	20,093	8,780	19,788
Drummond Coal Co. Ltd. ....	Westville .....	50,628	67,426	57,133
All other operators .....	.....	1,334	1,090	451
<b>Totals .....</b>	.....	<b>311,589</b>	<b>303,279</b>	<b>293,313</b>
<b>Total Nova Scotia .....</b>	.....	<b>4,300,758</b>	<b>4,204,779</b>	<b>4,554,944</b>

<sup>1</sup> Now operating as Dominion Steel & Coal Corp. Ltd., Old Sydney Collieries Division.

<sup>2</sup> Now operating as Chestico Mining Corp.

<sup>3</sup> Now operating as Dominion Steel & Coal Corp. Ltd., Acadia Coal Division.

TABLE 48. Disposition of Coal by Nova Scotia Mines, 1963

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total coal	
							Quantity	Value
	short tons						short tons	\$
Shipped as per Table 55 .....	81,139	516,664	139,255	183,265	142,227	3,438,754	4,501,304	44,274,179
Used under colliery boilers, and in shops .....	2,723	2,144	—	4,133	—	9,182	18,182	182,410
Used by companies' railroads .....	486	163	—	51	—	12	712	7,197
Put on bank .....	29,037	104,562	10,436	6,475	1,306	570,782	722,598	7,072,091
Put on waste heap .....	—	—	—	—	—	1,374	1,374	—
<b>Total disposition</b> .....	<b>113,385</b>	<b>623,533</b>	<b>149,691</b>	<b>193,924</b>	<b>143,533</b>	<b>4,020,104</b>	<b>5,244,170</b>	<b>51,535,877</b>
Less: Lifted from bank .....	28,069	85,113	10,327	6,417	1,880	535,463	667,269	6,621,518
Lifted from waste heap .....	—	1,009	—	—	—	597	21,957	221,306
<b>Total output</b> .....	<b>85,316</b>	<b>537,411</b>	<b>139,364</b>	<b>187,507</b>	<b>141,656</b>	<b>3,464,290</b>	<b>4,554,944</b>	<b>44,693,053</b>

TABLE 49. Tonnage Put on Bank and Lifted from Bank in Nova Scotia, 1960-63

Month	1960		1961		1962		1963	
	Put on bank	Lifted from bank						
	short tons							
January .....	83,895	6,288	88,169	8,452	85,173	5,931	92,738	5,212
February .....	161,488	5,952	92,084	6,143	54,192	4,430	97,102	11,118
March .....	187,303	5,717	45,692	13,803	116,637	6,917	73,083	7,991
April .....	84,936	65,088	94,052	8,820	77,881	15,256	110,234	8,864
May .....	51,920	101,089	61,646	19,313	42,921	69,633	63,157	21,943
June .....	34,258	124,734	33,371	143,621	50,904	75,540	29,561	84,738
July .....	19,204	65,993	20,399	110,042	60,145	65,738	93,272	33,597
August .....	27,496	116,466	6,147	246,234	10,394	188,730	26,785	77,005
September .....	84,879	58,300	10,876	61,506	11,401	119,258	42,402	28,042
October .....	11,930	112,573	9,318	39,230	5,844	58,953	23,708	122,879
November .....	22,467	58,478	12,907	7,015	10,116	13,916	51,353	172,565
December .....	72,228	19,567	104,403	22,589	31,203	38,090	19,203	93,315
<b>Totals</b> .....	<b>842,005</b>	<b>740,245</b>	<b>579,064</b>	<b>686,768</b>	<b>556,811</b>	<b>662,392</b>	<b>722,598</b>	<b>667,269</b>

TABLE 50. Shipments of Coal from Nova Scotia Mines, by Grades and by Destinations, 1963

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total coal
	short tons						
Coal shipped to: Ships bunkers for own consumption .....	—	15,182	4	—	—	—	15,186
Coal shipped to railroads for own consumption: In Canada .....	264	5,438	571	1,013	—	5,223	12,509
Nova Scotia: (a) Shipments to industrial consumers .....	53,886	36,150	926	15,646	34,769	1,107,711	1,251,068
(b) Shipments to dealers for resale .....	2,182	49,455	18,842	27,345	7,495	15,308	120,627
(c) Sales direct to domestic consumers, (except to employees) .....	18,029	78,120	42,138	57,058	—	22,002	217,347
(d) To employees .....	5,616	93,117	1,996	1,410	—	15	102,154
Newfoundland .....	—	75,045	2,354	34	—	—	77,433
Prince Edward Island .....	84	8,921	4,172	1,440	—	16,575	31,192
New Brunswick .....	1,018	26,934	9,692	25,600	1,390	151,910	216,544
Quebec .....	—	119,757	55,174	12,870	98,573	1,509,713	1,796,087
Ontario .....	60	1,925	3,386	40,566	—	610,297	656,234
St. Pierre .....	—	4,620	—	283	—	—	4,903
<b>Totals</b> .....	<b>81,139</b>	<b>516,664</b>	<b>139,255</b>	<b>183,265</b>	<b>142,227</b>	<b>3,438,754</b>	<b>4,501,304</b>

TABLE 51. Imported Coal<sup>1</sup> "Landed" in Nova Scotia, 1962 and 1963

Source	1962			1963		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
	short tons					
United States .....	971	101,809	102,780	997	115,557	116,554
Great Britain .....	—	—	—	—	—	—
<b>Totals</b> .....	<b>971</b>	<b>101,809</b>	<b>102,780</b>	<b>997</b>	<b>115,557</b>	<b>116,554</b>

<sup>1</sup> The total tonnage of foreign coal received at Nova Scotia ports of entry. See page 3, Section 2, for explanations.

TABLE 52. Summary of Coal Statistics for Nova Scotia in 1963 - Output, Exports, Interprovincial Shipments, Landed Imports and Coal available for Consumption, by Months and by Kinds

Month	Canadian coal				Imported coal		Available for consumption
	Output	Received from other provinces	Mine shipments		From U.S.A.	From Great Britain	
			To other provinces	For export			
short tons							
January:							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	434,341	-	151,831	450	12,039	-	294,099
<b>Totals</b> .....	<b>434,341</b>	<b>-</b>	<b>151,831</b>	<b>450</b>	<b>12,039</b>	<b>-</b>	<b>294,099</b>
February:							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	385,905	-	123,319	279	4,816	-	267,123
<b>Totals</b> .....	<b>385,905</b>	<b>-</b>	<b>123,319</b>	<b>279</b>	<b>4,816</b>	<b>-</b>	<b>267,123</b>
March:							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	371,450	-	139,538	-	-	-	231,912
<b>Totals</b> .....	<b>371,450</b>	<b>-</b>	<b>139,538</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>231,912</b>
April:							
Anthracite .....	-	-	-	-	497	-	497
Bituminous .....	400,599	-	161,900	280	-	-	238,419
<b>Totals</b> .....	<b>400,599</b>	<b>-</b>	<b>161,900</b>	<b>280</b>	<b>497</b>	<b>-</b>	<b>238,916</b>
May:							
Anthracite .....	-	-	-	-	500	-	500
Bituminous .....	450,493	-	286,161	209	15,408	-	179,531
<b>Totals</b> .....	<b>450,493</b>	<b>-</b>	<b>286,161</b>	<b>209</b>	<b>15,908</b>	<b>-</b>	<b>180,031</b>
June:							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	354,867	-	289,821	236	-	-	64,810
<b>Totals</b> .....	<b>354,867</b>	<b>-</b>	<b>289,821</b>	<b>236</b>	<b>-</b>	<b>-</b>	<b>64,810</b>
July:							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	423,578	-	247,852	1,028	16,248	-	190,946
<b>Totals</b> .....	<b>423,578</b>	<b>-</b>	<b>247,852</b>	<b>1,028</b>	<b>16,248</b>	<b>-</b>	<b>190,946</b>
August:							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	206,905	-	165,983	496	15,801	-	56,227
<b>Totals</b> .....	<b>206,905</b>	<b>-</b>	<b>165,983</b>	<b>496</b>	<b>15,801</b>	<b>-</b>	<b>56,227</b>
September:							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	384,361	-	255,102	230	23,031	-	152,060
<b>Totals</b> .....	<b>384,361</b>	<b>-</b>	<b>255,102</b>	<b>230</b>	<b>23,031</b>	<b>-</b>	<b>152,060</b>
October:							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	417,825	-	357,967	500	11,294	-	70,632
<b>Totals</b> .....	<b>417,825</b>	<b>-</b>	<b>357,967</b>	<b>500</b>	<b>11,294</b>	<b>-</b>	<b>70,632</b>
November:							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	393,562	-	353,639	903	16,920	-	55,940
<b>Totals</b> .....	<b>393,562</b>	<b>-</b>	<b>353,639</b>	<b>903</b>	<b>16,920</b>	<b>-</b>	<b>55,940</b>
December:							
Anthracite .....	-	-	-	-	-	-	-
Bituminous .....	331,058	92	244,357	292	-	-	86,501
<b>Totals</b> .....	<b>331,058</b>	<b>92</b>	<b>244,357</b>	<b>292</b>	<b>-</b>	<b>-</b>	<b>86,501</b>
<b>Totals:</b>							
Anthracite .....	-	-	-	-	997	-	997
Bituminous .....	4,554,944	92	2,777,490	4,903	115,557	-	1,888,200
<b>Totals</b> .....	<b>4,554,944</b>	<b>92</b>	<b>2,777,490</b>	<b>4,903</b>	<b>116,554</b>	<b>-</b>	<b>1,889,197</b>

TABLE 53. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in Nova Scotia, 1962 and 1963

Kind	Sales		Stocks	
	1962	1963	December 31, 1962	December 31, 1963
	short tons			
<b>Anthracite:</b>				
United States:				
Pea and larger .....	6,021	6,571	1,428	1,260
Other sizes .....	69	—	17	—
United Kingdom:				
Pea and larger .....	2,303	1,186	116	249
Other sizes .....	1,294	1,390	853	214
<b>Bituminous:</b>				
United States:				
Low volatile:				
Stoker .....	—	—	—	—
Other sizes .....	—	—	—	—
High volatile:				
Slack .....	—	—	—	—
Stoker .....	—	—	—	—
Other sizes .....	—	—	—	—
Miscellaneous (including briquettes) .....	5,591	4,623	183	214
Canadian bituminous .....	88,293	88,637	2,865	3,451
<b>Coke:</b>				
From coal .....	1,668	1,461	199	139
<b>Total coal and coke .....</b>	<b>105,239</b>	<b>103,868</b>	<b>5,661</b>	<b>5,507</b>

TABLE 54. Consumption of Coal and Coke, by Industrial Consumers<sup>1</sup> in Nova Scotia, 1962 and 1963

Kind	1962	1963
	short tons	
<b>Anthracite</b> .....	—	—
<b>Bituminous:</b>		
United States:		
Low volatile:		
Slack .....	105	—
Other sizes .....	—	—
Canadian bituminous .....	603,807	636,061
<b>Coke:</b>		
From coal .....	353,805	412,007
<b>Total coal and coke</b> .....	<b>957,717</b>	<b>1,048,068</b>

<sup>1</sup> Does not include firms using less than 500 tons of coal per annum.

TABLE 55. Employees, Salaries and Wages in the Coal Mines of Nova Scotia, by Districts, 1962 and 1963

District	Average number of employees				Salaries and wages		
	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
		Surface	Underground				
1962							
Cape Breton .....	442	570	4,656	5,668	1,681,744	18,568,556	20,250,300
Cumberland .....	3	23	137	163	18,579	326,462	345,041
Inverness .....	8	19	54	81	23,967	251,227	275,194
Pictou .....	35	67	394	496	56,747	1,656,141	1,712,888
<b>Totals .....</b>	<b>488</b>	<b>679</b>	<b>5,241</b>	<b>6,408</b>	<b>1,781,037</b>	<b>20,802,386</b>	<b>22,583,423</b>
1963							
Cape Breton .....	396	515	4,339	5,250	1,679,292	19,855,596	21,534,888
Cumberland .....	3	24	139	168	15,600	561,639	577,239
Inverness .....	10	21	72	103	24,400	324,129	348,529
Pictou .....	37	71	435	543	61,272	1,765,374	1,826,646
<b>Totals .....</b>	<b>446</b>	<b>631</b>	<b>4,985</b>	<b>6,062</b>	<b>1,780,564</b>	<b>22,506,738</b>	<b>24,287,302</b>

TABLE 56. Employment at Coal Mines in Nova Scotia, 1962 and 1963

	1962			1963		
	Shaft mines	Strip mines	Total	Shaft mines	Strip mines	Total
Average number of employees:						
Surface .....	802	—	802	738	—	738
Underground .....	5,606	—	5,606	5,324	—	5,324
<b>Totals .....</b>	<b>6,408</b>	<b>—</b>	<b>6,408</b>	<b>6,062</b>	<b>—</b>	<b>6,062</b>
Man-days worked:						
Surface .....	214,899	—	214,899	224,248	—	224,248
Underground .....	1,238,515	—	1,238,515	1,341,523	—	1,341,523
<b>Totals .....</b>	<b>1,453,414</b>	<b>—</b>	<b>1,453,414</b>	<b>1,565,771</b>	<b>—</b>	<b>1,565,771</b>
Average number of days worked per man per year:						
By surface employees .....	268	—	268	304	—	304
By underground employees .....	221	—	221	252	—	252
<b>By all employees .....</b>	<b>227</b>	<b>—</b>	<b>227</b>	<b>258</b>	<b>—</b>	<b>258</b>

TABLE 57. Employment and Man-days worked, by Months, at Coal Mines in Nova Scotia, in 1962 and 1963

Month	Number of employees			Man-days worked		
	Surface	Underground	Total	Surface	Underground	Total
1962						
January .....	852	5,856	6,708	18,206	99,526	117,732
February .....	849	5,868	6,717	15,840	83,724	99,564
March .....	852	5,917	6,769	18,302	100,727	119,029
April .....	842	5,843	6,685	15,437	82,401	97,838
May .....	853	5,827	6,680	19,016	113,178	132,194
June .....	850	5,773	6,623	19,279	113,766	133,045
July .....	830	5,779	6,609	20,074	125,901	145,975
August .....	811	5,587	6,398	14,688	70,410	85,098
September .....	739	5,359	6,098	18,355	110,349	128,704
October .....	733	5,267	6,000	19,745	117,451	137,196
November .....	706	5,166	5,872	18,791	117,819	136,610
December .....	711	5,034	5,745	17,166	103,263	120,429
<b>Totals .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>214,899</b>	<b>1,238,515</b>	<b>1,453,414</b>
1963						
January .....	761	5,334	6,095	20,712	125,907	146,619
February .....	757	5,297	6,054	18,715	111,815	130,530
March .....	761	5,275	6,036	19,170	108,828	127,998
April .....	759	5,325	6,084	19,048	112,760	131,808
May .....	751	5,314	6,065	20,351	124,080	144,431
June .....	726	5,321	6,047	17,791	105,829	123,620
July .....	724	5,349	6,073	19,575	122,569	142,144
August .....	714	5,262	5,976	13,467	67,642	81,109
September .....	721	5,317	6,038	18,615	114,553	133,168
October .....	711	5,212	5,923	20,880	129,339	150,219
November .....	730	5,415	6,145	18,711	114,514	133,225
December .....	735	5,466	6,201	17,213	103,687	120,900
<b>Totals .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>224,248</b>	<b>1,341,523</b>	<b>1,565,771</b>

TABLE 58. Number of Man-days Worked, by Districts, in Nova Scotia, 1962 and 1963

District	1962			1963		
	Surface	Underground	Total	Surface	Underground	Total
Cape Breton .....	179,711	1,099,747	1,279,458	187,673	1,190,718	1,378,391
Cumberland .....	7,553	33,481	41,034	8,077	36,032	44,109
Inverness .....	5,888	11,713	17,601	6,636	16,398	23,034
Pictou .....	21,747	93,574	115,321	21,882	98,375	120,237
<b>Totals .....</b>	<b>214,899</b>	<b>1,238,515</b>	<b>1,453,414</b>	<b>224,248</b>	<b>1,341,523</b>	<b>1,565,771</b>

TABLE 59. Employment at Coal Mines in Nova Scotia, by Classes, 1962 and 1963

Classification	1962			1963		
	Surface	Underground	Total	Surface	Underground	Total
	number					
<b>Underground mining</b>						
<b>Salaried employees:</b>						
Mine manager, underground manager, overmen, pit bosses, fire bosses, foremen, etc. ....	52	365	417	46	339	385
Administrative and office staff.....	71	—	71	61	—	61
<b>Total salaried employees .....</b>	<b>123</b>	<b>365</b>	<b>488</b>	<b>107</b>	<b>339</b>	<b>446</b>
<b>Wage-earners:</b>						
Foremen and other officials on wages .....	6	51	57	7	59	66
Miners; all men on hand and mechanical production.....	—	1,217	1,217	—	1,084	1,084
Maintenance; timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc. ....	112	2,376	2,488	91	2,264	2,355
Transportation; drivers, rope riders, chute loaders, trip riders, mine tracks and holstmen.....	78	1,053	1,131	70	1,009	1,079
Tipple, preparation and shipping.....	215	—	215	168	—	168
Powerhouse, boilers and shops .....	149	—	149	182	—	182
Miscellaneous.....	119	544	663	113	559	672
<b>Total wage-earners .....</b>	<b>679</b>	<b>5,241</b>	<b>5,920</b>	<b>631</b>	<b>4,985</b>	<b>5,616</b>
<b>Strip mining</b> (Includes employees of contractors)						
Salaried employees .....	—	—	—	—	—	—
Wage-earners.....	—	—	—	—	—	—
<b>Totals .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Total employment</b>						
Total salaried employees .....	123	365	488	107	339	446
Total wage-earners .....	679	5,241	5,920	631	4,985	5,616
<b>Grand totals .....</b>	<b>802</b>	<b>5,606</b>	<b>6,408</b>	<b>738</b>	<b>5,324</b>	<b>6,062</b>

## SECTION V

### NEW BRUNSWICK

TABLE 60. Output of Coal from New Brunswick Mines, 1954-63

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1954 .....	781,271	6,187,622	1959 .....	1,003,387	8,347,215
1955 .....	877,838	7,100,649	1960 .....	1,028,064	8,663,339
1956 .....	988,266	7,990,466	1961 .....	887,903	7,526,647
1957 .....	976,597	8,189,859	1962 .....	815,529	6,752,042
1958 .....	790,719	6,621,369	1963 .....	886,336	7,232,170

TABLE 61. Output of Coal from New Brunswick Mines, by Months, 1960-63

Month	1960	1961	1962	1963
	short tons			
January .....	87,489	80,255	81,100	66,421
February .....	90,566	73,739	81,210	65,950
March .....	93,864	90,350	97,483	67,058
April .....	66,788	73,372	63,044	63,122
May .....	77,166	69,943	68,026	63,574
June .....	74,491	65,565	59,692	69,781
July .....	77,752	63,998	44,497	83,786
August .....	88,868	72,626	62,459	79,591
September .....	87,928	67,354	61,869	83,368
October .....	102,445	77,486	64,778	93,440
November .....	96,585	85,371	64,328	76,219
December .....	84,122	67,844	67,043	74,026
<b>Totals</b> .....	<b>1,028,064</b>	<b>887,903</b>	<b>815,529</b>	<b>886,336</b>

TABLE 62. Output<sup>1</sup> of Coal by Principal Collieries in New Brunswick, 1961-63

Name	Address	1961	1962	1963
		short tons		
Avon Coal Co. ....	Saint John .....	236,160	232,918	287,541
Dufferin Mining Limited .....	Chipman .....	57,784	87,278	70,170
McMann, V.C., Ltd. ....	Minto .....	61,241	53,806	53,019
Michiels, Elie .....	Minto .....	22,566	6,782	10,944
D.W. & R.A. Mills Ltd. ....	Minto .....	187,193	185,244	187,293
Miramichi Lumber Co., Ltd. ....	Minto .....	231,789	179,148	170,137
Newcastle Coal Co. ....	Minto .....	35,067	33,686	45,853
A.W. Wasson Ltd. ....	Rothwell .....	45,040	25,005	15,152
All other operators .....		11,063	11,662	46,227
<b>Totals</b> .....		<b>887,903</b>	<b>815,529</b>	<b>886,336</b>

<sup>1</sup> Figures represent the total tonnage on which royalties were paid by these firms. Part of this tonnage was mined by sub-contractors.

TABLE 63. Disposition of Coal by New Brunswick Mines, by Grades, 1963

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	
							Quantity	Value
	short tons						short tons	\$
Shipped as per Table 70 .....	112,744	90,938	12,246	29,186	19,678	627,767	892,559	7,283,227
Used under colliery boilers .....	2,196	-	-	-	-	-	2,196	17,485
Used by companies' railroads .....	-	-	-	-	-	-	-	-
Put on bank .....	23,201	422	-	-	-	12,642	36,265	263,134
Put on waste heap .....	-	-	-	-	-	309	309	-
<b>Total disposition</b> .....	<b>138,141</b>	<b>91,360</b>	<b>12,246</b>	<b>29,186</b>	<b>19,678</b>	<b>640,718</b>	<b>931,329</b>	<b>7,563,846</b>
Less - Lifted from bank .....	25,504	422	-	-	-	20,067	44,993	331,676
Lifted from waste heap .....	-	-	-	-	-	-	-	-
<b>Total output</b> .....	<b>113,637</b>	<b>90,938</b>	<b>12,246</b>	<b>29,186</b>	<b>19,678</b>	<b>620,651</b>	<b>886,336</b>	<b>7,232,170</b>

TABLE 64. Shipments of Coal from New Brunswick Mines, by Grades and Destination, 1963

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
Shipped to railroads for own consumption:							
In Canada .....	-	1,243	11,599	-	273	-	13,115
New Brunswick:							
(a) Shipments to industrial consumers .....	49,895	28,916	72	4,844	18,177	449,775	551,879
(b) Shipments to dealers for resale .....	36,089	43	-	24,342	1,228	32,784	94,486
(c) Sales direct to domestic consumers, (except to employees) .....	2,153	965	-	-	-	-	3,118
(d) To employees .....	1,981	417	575	-	-	-	2,973
Prince Edward Island .....	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	92	92
Quebec .....	-	-	-	-	-	78,890	78,890
Ontario .....	-	-	-	-	-	4,320	4,320
United States .....	22,626	59,354	-	-	-	61,906	143,886
<b>Totals</b> .....	<b>112,744</b>	<b>90,938</b>	<b>12,246</b>	<b>29,186</b>	<b>19,678</b>	<b>627,767</b>	<b>892,559</b>

TABLE 65. Imported Coal<sup>1</sup> "Landed" in New Brunswick, 1962 and 1963

	1962			1963		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
	short tons					
United States .....	-	-	-	-	-	-
Great Britain .....	-	-	-	-	-	-
<b>Totals</b> .....	-	-	-	-	-	-

<sup>1</sup> The total tonnage of foreign coal received at New Brunswick ports of entry. See page 3, Section 2, for explanations.

TABLE 66. Summary of Coal Statistics for New Brunswick in 1963 - Output, Exports, Interprovincial Shipments, Landed Imports and Coal available for Consumption, by Months and by Kinds

Month	Canadian coal				Imported coal		Available for consumption
	Output	Received from other provinces	Mine shipments		From U.S.A.	From Great Britain	
			To other provinces	For export			
	short tons						
January:							
Bituminous .....	66,421	26,259	5,357	8,380	-	-	78,943
February:							
Bituminous .....	65,950	19,360	3,600	6,920	-	-	74,790
March:							
Bituminous .....	67,058	22,713	4,634	11,402	-	-	73,735
April:							
Bituminous .....	63,122	18,002	6,117	11,882	-	-	63,125
May:							
Bituminous .....	63,574	17,684	7,232	8,817	-	-	65,209
June:							
Bituminous .....	69,781	12,607	5,683	13,148	-	-	63,557
July:							
Bituminous .....	83,786	14,716	7,468	16,338	-	-	74,696
August:							
Bituminous .....	79,591	15,189	11,349	13,746	-	-	69,685
September:							
Bituminous .....	83,366	17,537	9,623	11,775	-	-	79,307
October:							
Bituminous .....	93,440	18,182	9,467	15,155	-	-	87,000
November:							
Bituminous .....	76,219	17,688	6,518	14,629	-	-	72,760
December:							
Bituminous .....	74,026	16,607	6,054	11,694	-	-	72,885
Totals .....	886,336	216,544	83,302	143,886	-	-	875,692

TABLE 67. Sales and Stocks of Coal and Coke by Retail Fuel Dealers in New Brunswick, 1962 and 1963

Kind	Sales		Stocks	
	1962	1963	December 31, 1962	December 31, 1963
	short tons			
<b>Anthracite:</b>				
United States:				
Pea and larger .....	5,698	4,896	1,734	1,262
Other sizes .....	321	293	33	11
United Kingdom:				
Pea and larger .....	1,083	499	486	233
Other sizes .....	170	133	30	10
<b>Bituminous:</b>				
United States:				
Low volatile:				
Slack and stoker .....	148	—	—	—
Other sizes .....	233	282	45	4
High volatile:				
Slack .....	395	236	184	8
Stoker .....	—	—	—	—
Other sizes .....	3,813	2,497	260	241
Miscellaneous (including briquettes) .....	3,883	3,050	405	307
Canadian bituminous .....	41,754	40,156	3,458	3,765
<b>Coke:</b>				
From coal .....	2,087	2,076	184	131
<b>Total coal and coke .....</b>	<b>59,585</b>	<b>54,118</b>	<b>6,819</b>	<b>5,972</b>

TABLE 68. Consumption of Coal and Coke by Industrial Consumers<sup>1</sup> in New Brunswick, 1962 and 1963

Kind	1962	1963
	short tons	
<b>Anthracite</b> .....	—	—
<b>Bituminous:</b>		
United States:		
High volatile:		
Stoker .....	1,482	300
Other sizes .....	—	—
Canadian bituminous .....	520,654	540,924
<b>Coke:</b>		
From coal .....	1,087	1,033
<b>Total coal and coke .....</b>	<b>523,223</b>	<b>542,257</b>

<sup>1</sup> Does not include firms using less than 500 tons of coal per annum.

TABLE 69. Employees, Salaries and Wages in the Coal Mines of New Brunswick, 1962 and 1963

	1962	1963
Average number of salaried employees .....	57	54
Average number of wage-earners:		
Surface .....	457	464
Underground .....	289	304
<b>Totals</b> .....	<b>803</b>	<b>822</b>
Salaries and wages:		
Salaries .....	\$ 262,642	372,119
Wages .....	\$ 2,382,990	2,610,306
<b>Totals</b> .....	<b>\$ 2,645,632</b>	<b>2,982,425</b>

TABLE 70. Employment at Coal Mines in New Brunswick, 1962 and 1963

	1962			1963		
	Shaft mines	Strip mines	Total	Shaft mines	Strip mines	Total
Average number of employees:						
Surface .....	60	452	512	60	456	516
Underground .....	291	—	291	306	—	306
<b>Totals</b> .....	<b>351</b>	<b>452</b>	<b>803</b>	<b>366</b>	<b>456</b>	<b>822</b>
Man-days worked:						
Surface .....	16,225	124,200	140,425	16,463	134,762	151,225
Underground .....	63,912	—	63,912	70,479	—	70,479
<b>Totals</b> .....	<b>80,137</b>	<b>124,200</b>	<b>204,337</b>	<b>86,942</b>	<b>134,762</b>	<b>221,704</b>
Average number of days worked per man per year:						
By surface employees .....	270	275	274	274	295	293
By underground employees .....	220	—	220	230	—	230
<b>By all employees</b> .....	<b>228</b>	<b>275</b>	<b>254</b>	<b>238</b>	<b>295</b>	<b>273</b>

TABLE 71. Employment and Man-days worked, by Months, at Coal Mines in New Brunswick, 1962 and 1963

Month	Number of employees			Man-days worked		
	Surface	Underground	Total	Surface	Underground	Total
1962						
January .....	577	264	841	13,633	5,646	19,279
February .....	609	357	966	13,667	6,570	20,237
March .....	572	311	883	14,833	7,050	21,883
April .....	563	293	856	12,747	4,034	16,781
May .....	537	287	824	13,077	6,078	19,155
June .....	484	287	771	10,874	4,362	15,236
July .....	442	278	720	8,607	4,339	12,946
August .....	453	255	708	9,886	4,442	14,328
September .....	463	248	711	9,586	4,494	14,080
October .....	452	276	728	11,073	4,907	15,980
November .....	484	305	789	11,297	6,054	17,351
December .....	513	331	844	11,145	5,956	17,081
<b>Totals</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>140,425</b>	<b>63,912</b>	<b>204,337</b>

TABLE 71. Employment and Man-days Worked, by Months, at Coal Mines in New Brunswick, 1962 and 1963 - Concluded

Month	Number of employees			Man-days worked		
	Surface	Underground	Total	Surface	Underground	Total
1963						
January .....	480	326	806	12,228	6,838	19,066
February .....	473	322	795	11,154	5,718	16,872
March .....	470	330	800	11,880	5,966	17,846
April .....	496	319	815	11,957	5,492	17,449
May .....	469	313	782	11,871	6,521	18,392
June .....	485	290	775	11,569	5,574	17,143
July .....	558	298	856	13,853	5,741	19,594
August .....	511	280	791	13,280	5,820	19,100
September .....	565	283	848	12,827	5,492	18,319
October .....	559	298	857	13,716	6,144	19,860
November .....	568	297	865	13,629	5,410	19,039
December .....	557	316	873	13,261	5,763	19,024
<b>Totals</b> .....	—	—	—	<b>151,225</b>	<b>70,479</b>	<b>221,704</b>

TABLE 72. Employment at Coal Mines in New Brunswick, by Classes, 1962 and 1963

Classification	1962			1963		
	Surface	Underground	Total	Surface	Underground	Total
<b>Underground mining</b>						
Salaried employees:						
Mine manager, underground manager, overmen, pit bosses, fire bosses, foremen, etc. ....	9	2	11	8	2	10
Administrative and office staff .....	12	—	12	11	—	11
<b>Total salaried employees</b> .....	<b>21</b>	<b>2</b>	<b>23</b>	<b>19</b>	<b>2</b>	<b>21</b>
Wage-earners:						
Foremen and other officials on wages .....	2	4	6	2	5	7
Miners; all men on hand and mechanical production .....	—	269	269	—	275	275
Maintenance: timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc. ....	11	11	22	10	12	22
Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen .....	7	2	9	8	5	13
Tipple, preparation and shipping .....	10	—	10	9	—	9
Powerhouse, boilers and shops .....	5	—	5	5	—	5
Miscellaneous .....	4	3	7	7	7	14
<b>Total wage-earners</b> .....	<b>39</b>	<b>289</b>	<b>328</b>	<b>41</b>	<b>304</b>	<b>345</b>
<b>Strip mining</b>						
(Includes employees of contractors)						
Salaried employees .....	34	—	34	33	—	33
Wage-earners:						
Foremen and other officials on wages .....	20	—	20	9	—	9
Tipple, preparation and shipping .....	100	—	100	120	—	120
Powerhouse, boilers and shops .....	40	—	40	37	—	37
Miscellaneous .....	258	—	258	257	—	257
<b>Total wage-earners</b> .....	<b>418</b>	<b>—</b>	<b>418</b>	<b>423</b>	<b>—</b>	<b>423</b>
<b>Total employment</b>						
Total salaried employees .....	55	2	57	52	2	54
Total wage-earners .....	457	289	746	464	304	768
<b>Grand totals</b> .....	<b>512</b>	<b>291</b>	<b>803</b>	<b>516</b>	<b>306</b>	<b>822</b>

# SECTION VI

## QUEBEC

TABLE 73. Imported Coal "Landed" in Quebec, 1962 and 1963

Source	1962			1963		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
	short tons					
United States .....	298,664	736,006	1,034,670	309,566	627,384	936,950
Great Britain .....	19,319	—	19,319	15,658	—	15,658
<b>Totals .....</b>	<b>317,983</b>	<b>736,006</b>	<b>1,053,989</b>	<b>325,224</b>	<b>627,384</b>	<b>952,608</b>

<sup>1</sup> The total tonnage of foreign coal received at Quebec Ports of entry. See page 3, Section 2, for explanations.

TABLE 74. Sales of Coal and Coke by Retail Fuel Dealers, by Selected Areas in Quebec, 1963

Type	Montreal area	Quebec City area	Northern Quebec area	Ottawa-Quebec area	Total Quebec
	net tons of 2,000 pounds				
<b>Canadian coals:</b>					
Bituminous:					
Eastern:					
Lump, egg, stove and nut .....	15,611	24,263	510	941	41,383
All other sizes .....	12,210	17,172	58	—	29,382
Western:					
Lump, egg, stove and nut .....	—	—	113	—	113
All other sizes .....	836	—	—	43	879
<b>Total bituminous .....</b>	<b>28,657</b>	<b>41,435</b>	<b>681</b>	<b>984</b>	<b>71,757</b>
Sub-bituminous:					
Lump, egg, stove and nut .....	246	—	259	—	505
All other sizes .....	—	—	1,816	—	1,816
<b>Total sub-bituminous .....</b>	<b>246</b>	<b>—</b>	<b>2,075</b>	<b>—</b>	<b>2,321</b>
Lignite:					
Lump, egg, stove and nut .....	—	—	—	—	—
All other sizes .....	—	—	—	—	—
<b>Total lignite .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Briquettes .....	—	—	57	—	57
<b>Total Canadian coals .....</b>	<b>28,903</b>	<b>41,435</b>	<b>2,813</b>	<b>984</b>	<b>74,135</b>
<b>Foreign coals:</b>					
Anthracite:					
United States:					
Pea and larger .....	30,003	6,386	675	762	37,826
Smaller sizes .....	25,390	5,262	309	218	31,179
United Kingdom:					
Pea and larger .....	2,644	—	—	—	2,644
Smaller sizes .....	9,347	4,335	—	6	13,668
<b>Total anthracite .....</b>	<b>67,384</b>	<b>15,983</b>	<b>984</b>	<b>986</b>	<b>85,337</b>
Bituminous (United States):					
Low volatile:					
Slack and stoker .....	8,847	1,183	—	—	10,030
Other sizes .....	1,434	234	786	—	2,454
High volatile:					
Slack, nut slack, etc. ....	8,991	1,797	—	—	10,788
Prepared stoker .....	51,823	9,960	7,903	427	70,113
Other sizes .....	7,528	8,736	411	—	16,675
<b>Total bituminous .....</b>	<b>78,623</b>	<b>21,910</b>	<b>9,100</b>	<b>427</b>	<b>110,060</b>
<b>Total foreign coals .....</b>	<b>146,007</b>	<b>37,893</b>	<b>10,084</b>	<b>1,413</b>	<b>195,397</b>
<b>Unspecified .....</b>	<b>18,266</b>	<b>1,279</b>	<b>1,448</b>	<b>977</b>	<b>21,970</b>
<b>Total all coals .....</b>	<b>193,176</b>	<b>80,607</b>	<b>14,345</b>	<b>3,374</b>	<b>291,502</b>
<b>Coke (from coal):</b>					
Canadian made .....	43,646	3,853	93	—	47,592
United States made .....	—	—	—	—	—
<b>Total coke .....</b>	<b>43,646</b>	<b>3,853</b>	<b>93</b>	<b>—</b>	<b>47,592</b>
<b>Total coal and coke .....</b>	<b>236,822</b>	<b>84,460</b>	<b>14,438</b>	<b>3,374</b>	<b>339,094</b>

TABLE 75. Stocks of Coal and Coke held by Retail Fuel Dealers, by Selected Areas in Quebec,  
as of December 31, 1963

Type	Montreal area	Quebec City area	Northern Quebec area	Ottawa - Quebec area	Total Quebec
net tons of 2,000 pounds					
<b>Canadian coals:</b>					
Bituminous:					
Eastern:					
Lump, egg, stove and nut .....	304	11,366	—	66	11,736
All other sizes .....	550	15,532	—	—	16,082
Western:					
Lump, egg, stove and nut .....	—	—	22	—	22
All other sizes .....	16	—	—	—	16
<b>Total bituminous</b> .....	<b>870</b>	<b>26,898</b>	<b>22</b>	<b>66</b>	<b>27,856</b>
Sub-bituminous:					
Lump, egg, stove and nut .....	—	—	25	—	25
All other sizes .....	—	—	175	—	175
<b>Total sub-bituminous</b> .....	<b>—</b>	<b>—</b>	<b>200</b>	<b>—</b>	<b>200</b>
Lignite:					
Lump, egg, stove and nut .....	—	—	—	—	—
All other sizes .....	—	—	—	—	—
<b>Total lignite</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Briquettes .....	—	—	5	—	5
<b>Total Canadian coals</b> .....	<b>870</b>	<b>26,898</b>	<b>227</b>	<b>66</b>	<b>28,061</b>
<b>Foreign coals:</b>					
Anthracite:					
United States:					
Pea and larger .....	1,697	891	119	80	2,787
Smaller sizes .....	2,136	651	33	7	3,027
United Kingdom:					
Pea and larger .....	985	—	—	—	985
Smaller sizes .....	1,523	954	—	—	2,477
<b>Total anthracite</b> .....	<b>6,341</b>	<b>2,696</b>	<b>152</b>	<b>87</b>	<b>9,276</b>
Bituminous (United States):					
Low volatile:					
Slack and stoker .....	472	21	—	—	493
Other sizes .....	74	—	80	—	154
High volatile:					
Slack, nut slack, etc. ....	733	—	—	—	733
Prepared stoker .....	10,641	5,574	26	—	16,241
Other sizes .....	1,521	1,539	87	—	3,147
<b>Total bituminous</b> .....	<b>13,441</b>	<b>7,134</b>	<b>193</b>	<b>—</b>	<b>20,768</b>
<b>Total foreign coals</b> .....	<b>19,782</b>	<b>9,830</b>	<b>345</b>	<b>87</b>	<b>30,044</b>
<b>Unspecified</b> .....	<b>1,229</b>	<b>48</b>	<b>249</b>	<b>27</b>	<b>1,553</b>
<b>Total all coals</b> .....	<b>21,881</b>	<b>36,776</b>	<b>821</b>	<b>180</b>	<b>59,658</b>
<b>Coke (from coal):</b>					
Canadian made .....	103	178	—	—	281
United States made .....	—	—	—	—	—
<b>Total coke</b> .....	<b>103</b>	<b>178</b>	<b>—</b>	<b>—</b>	<b>281</b>
<b>Total coal and coke</b> .....	<b>21,984</b>	<b>36,954</b>	<b>821</b>	<b>180</b>	<b>59,939</b>

TABLE 76. Consumption of Coal and Coke by Industrial Consumers,<sup>1</sup> by Selected Areas in Quebec, 1963

Type	Montreal area	Quebec City area	Northern Quebec area	Ottawa - Quebec area	Total Quebec
net tons of 2,000 pounds					
<b>Canadian coals:</b>					
Bituminous:					
Eastern:					
Slack .....	573,957	291,495	151,716	475,469	1,492,637
Stoker .....	38,862	21,435	379	—	60,676
Other sizes .....	1,669	112	—	—	1,781
Western:					
Slack .....	—	—	—	—	—
Stoker .....	—	—	—	—	—
Other sizes .....	—	—	—	—	—
<b>Total bituminous</b> .....	<b>614,488</b>	<b>313,042</b>	<b>152,095</b>	<b>475,469</b>	<b>1,555,094</b>
Sub-bituminous .....	—	—	—	—	—
Lignite .....	—	—	—	—	—
<b>Total Canadian coals</b> .....	<b>614,488</b>	<b>313,042</b>	<b>152,095</b>	<b>475,469</b>	<b>1,555,094</b>
<b>Foreign coals:</b>					
Anthracite:					
United States .....	118,096	2	13	—	118,111
United Kingdom .....	832	—	—	—	832
<b>Total anthracite</b> .....	<b>118,928</b>	<b>2</b>	<b>13</b>	<b>—</b>	<b>118,943</b>
Bituminous (United States):					
Low volatile:					
Slack .....	461	2,340	—	2,938	5,739
Stoker .....	21,547	1,433	—	—	22,980
Other sizes .....	9,549	—	749	—	10,298
High volatile:					
Slack .....	8,185	59,482	—	—	67,667
Stoker .....	62,508	10,766	1,878	1,051	76,203
Other sizes .....	15,626	2,875	1,694	—	20,195
<b>Total bituminous</b> .....	<b>117,876</b>	<b>76,896</b>	<b>4,321</b>	<b>3,989</b>	<b>203,082</b>
<b>Total foreign coals</b> .....	<b>236,804</b>	<b>76,898</b>	<b>4,334</b>	<b>3,969</b>	<b>322,025</b>
<b>Total all coals</b> .....	<b>851,292</b>	<b>389,940</b>	<b>156,429</b>	<b>479,458</b>	<b>1,877,119</b>
<b>Coke:</b>					
Coal coke:					
Canadian made .....	115,630	5,360	2,706	—	123,696
United States made .....	4,562	—	—	—	4,562
Petroleum coke .....	81,858	307,063	—	—	388,921
<b>Total coke</b> .....	<b>202,050</b>	<b>312,423</b>	<b>2,706</b>	<b>—</b>	<b>517,179</b>
<b>Total coal and coke</b> .....	<b>1,053,342</b>	<b>702,363</b>	<b>159,135</b>	<b>479,458</b>	<b>2,394,298</b>

<sup>1</sup> Does not include firms using less than 500 tons of coal per annum.

**TABLE 77. Summary of Coal Statistics for Quebec in 1963 — Exports, Interprovincial Shipments, Landed Imports and Coal available for Consumption, by Months and by Kinds**

Month	Canadian coal		Imported coal <sup>1</sup>		Available for consumption
	Received from other provinces <sup>2</sup>	Exported	From U.S.A.	From Great Britain	
	short tons				
<b>January:</b>					
Anthracite .....	—	—	20,023	—	20,023
Bituminous .....	80,708	—	23,003	—	103,711
Sub-bituminous .....	38	—	—	—	38
<b>Totals .....</b>	<b>80,746</b>	<b>—</b>	<b>43,026</b>	<b>—</b>	<b>123,772</b>
<b>February:</b>					
Anthracite .....	—	—	12,630	—	12,630
Bituminous .....	73,361	—	21,776	—	95,137
<b>Totals .....</b>	<b>73,361</b>	<b>—</b>	<b>34,406</b>	<b>—</b>	<b>107,767</b>
<b>March:</b>					
Anthracite .....	—	—	12,375	—	12,375
Bituminous .....	83,042	5	18,322	—	101,359
<b>Totals .....</b>	<b>83,042</b>	<b>5</b>	<b>30,697</b>	<b>—</b>	<b>113,734</b>
<b>April:</b>					
Anthracite .....	—	—	10,273	—	10,273
Bituminous .....	101,305	3	41,511	—	142,813
<b>Totals .....</b>	<b>101,305</b>	<b>3</b>	<b>51,784</b>	<b>—</b>	<b>153,086</b>
<b>May:</b>					
Anthracite .....	—	—	8,995	—	8,995
Bituminous .....	183,877	—	81,933	—	265,810
<b>Totals .....</b>	<b>183,877</b>	<b>—</b>	<b>90,928</b>	<b>—</b>	<b>274,805</b>
<b>June:</b>					
Anthracite .....	—	—	41,124	5,609	46,733
Bituminous .....	163,881	—	67,353	—	231,234
<b>Totals .....</b>	<b>163,881</b>	<b>—</b>	<b>108,477</b>	<b>5,609</b>	<b>277,967</b>
<b>July:</b>					
Anthracite .....	—	—	30,565	—	30,565
Bituminous .....	149,444	5	41,152	—	190,591
<b>Totals .....</b>	<b>149,444</b>	<b>5</b>	<b>71,717</b>	<b>—</b>	<b>221,156</b>
<b>August:</b>					
Anthracite .....	—	—	46,376	4,481	50,857
Bituminous .....	122,915	—	70,884	—	193,799
<b>Totals .....</b>	<b>122,915</b>	<b>—</b>	<b>117,260</b>	<b>4,481</b>	<b>244,656</b>
<b>September:</b>					
Anthracite .....	—	—	29,749	5,568	35,317
Bituminous .....	195,525	16	69,330	—	264,839
Sub-bituminous .....	40	—	—	—	40
<b>Totals .....</b>	<b>195,565</b>	<b>16</b>	<b>99,079</b>	<b>5,568</b>	<b>300,196</b>
<b>October:</b>					
Anthracite .....	—	—	48,542	—	48,542
Bituminous .....	276,315	—	88,690	—	365,005
Sub-bituminous .....	—	—	—	—	—
<b>Totals .....</b>	<b>276,315</b>	<b>—</b>	<b>137,232</b>	<b>—</b>	<b>413,547</b>
<b>November:</b>					
Anthracite .....	—	—	40,171	—	40,171
Bituminous .....	268,960	—	91,024	—	359,984
Sub-bituminous .....	—	—	—	—	—
<b>Totals .....</b>	<b>268,960</b>	<b>—</b>	<b>131,195</b>	<b>—</b>	<b>400,155</b>
<b>December:</b>					
Anthracite .....	—	—	8,743	—	8,743
Bituminous .....	175,644	—	12,406	—	188,050
Sub-bituminous .....	40	—	—	—	40
<b>Totals .....</b>	<b>175,684</b>	<b>—</b>	<b>21,149</b>	<b>—</b>	<b>196,833</b>
<b>Totals:</b>					
Anthracite .....	—	—	309,568	15,658	325,224
Bituminous .....	1,874,977	29	627,384	—	2,502,332
Sub-bituminous .....	118	—	—	—	118
<b>Totals .....</b>	<b>1,875,095</b>	<b>29</b>	<b>936,950</b>	<b>15,658</b>	<b>2,827,674</b>

<sup>1</sup> Briquettes are not included.

<sup>2</sup> These are shipments from Nova Scotia, New Brunswick and Alberta mines.

# SECTION VII

## ONTARIO

TABLE 78. Imported Coal<sup>1</sup> "Landed" in Ontario, 1962 and 1963

Source	1962			1963		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
short tons						
<b>Central Ontario</b>						
United States .....	529,780	10,416,062	10,945,842	477,537	12,894,584	13,372,121
Great Britain .....	—	—	—	—	—	—
<b>Totals .....</b>	<b>529,780</b>	<b>10,416,062</b>	<b>10,945,842</b>	<b>477,537</b>	<b>12,894,584</b>	<b>13,372,121</b>
<b>Head of Lakes<sup>2</sup></b>						
United States .....	2,771	204,799	207,570	927	277,270	278,197
<b>United States .....</b>	<b>532,551</b>	<b>10,620,861</b>	<b>11,153,412</b>	<b>478,464</b>	<b>13,171,854</b>	<b>13,650,318</b>
Great Britain .....	—	—	—	—	—	—
<b>Totals .....</b>	<b>532,551</b>	<b>10,620,861</b>	<b>11,153,412</b>	<b>478,464</b>	<b>13,171,854</b>	<b>13,650,318</b>

<sup>1</sup> The total tonnage of foreign coal received at Ontario ports of entry. See page 3, Section 2, for explanations.

<sup>2</sup> A portion of this coal was made available for consumption in Manitoba.

TABLE 79. Sales of Coal and Coke by Retail Fuel Dealers, by Selected Areas in Ontario, 1963

Type	Kingston area	Northern Ontario area	Ottawa Ontario area	Toronto area	Northwestern Ontario area	Windsor area	Total Ontario
net tons of 2,000 pounds							
<b>Canadian coals:</b>							
<b>Bituminous:</b>							
<b>Eastern:</b>							
Lump, egg, stove and nut .....	1,961	—	1,819	13	—	—	3,793
All other sizes .....	—	211	81,330	—	—	—	81,541
<b>Western:</b>							
Lump, egg, stove and nut .....	—	292	222	505	—	—	1,019
All other sizes .....	—	347	12,193	—	—	—	12,540
<b>Total bituminous .....</b>	<b>1,961</b>	<b>850</b>	<b>95,564</b>	<b>518</b>	<b>—</b>	<b>—</b>	<b>98,893</b>
<b>Sub-bituminous:</b>							
Lump, egg, stove and nut .....	—	2,103	—	1,148	2,870	1,472	7,593
All other sizes .....	—	35	—	—	15	—	50
<b>Total sub-bituminous .....</b>	<b>—</b>	<b>2,138</b>	<b>—</b>	<b>1,148</b>	<b>2,885</b>	<b>1,472</b>	<b>7,643</b>
<b>Lignite:</b>							
Lump, egg, stove and nut .....	—	—	—	—	1,966	—	1,966
All other sizes .....	—	—	—	—	976	—	976
<b>Total lignite .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2,942</b>	<b>—</b>	<b>2,942</b>
Briquettes .....	114	1,229	230	1,976	187	321	4,057
<b>Total Canadian coals .....</b>	<b>2,075</b>	<b>4,217</b>	<b>95,794</b>	<b>3,642</b>	<b>6,014</b>	<b>1,793</b>	<b>113,535</b>
<b>Foreign coals:</b>							
<b>Anthracite:</b>							
<b>United States:</b>							
Pea and larger .....	19,687	7,488	31,533	197,214	325	74,191	330,438
Smaller sizes .....	1,633	454	7,779	19,240	—	5,201	34,307
<b>United Kingdom:</b>							
Pea and larger .....	—	—	14,161	79	—	—	14,240
Smaller sizes .....	—	—	714	809	—	5	1,528
<b>Total anthracite .....</b>	<b>21,320</b>	<b>7,942</b>	<b>54,187</b>	<b>217,342</b>	<b>325</b>	<b>79,397</b>	<b>380,513</b>
<b>Bituminous (United States):</b>							
<b>Low volatile:</b>							
Slack and stoker .....	8,734	7,710	2,256	28,828	668	23,442	71,638
Other sizes .....	436	3,339	719	18,914	2,910	12,288	36,606
<b>High volatile:</b>							
Slack, nut slack, etc. ....	21,623	87	51,931	116,830	—	100,572	291,043
Prepared stoker .....	43,585	48,638	35,356	357,395	11,579	159,305	655,858
Other sizes .....	3,753	1,066	1,905	19,946	484	25,117	52,271
<b>Total bituminous .....</b>	<b>78,131</b>	<b>60,840</b>	<b>92,187</b>	<b>541,913</b>	<b>15,641</b>	<b>320,724</b>	<b>1,109,416</b>
<b>Total foreign coals .....</b>	<b>99,451</b>	<b>68,782</b>	<b>146,354</b>	<b>759,255</b>	<b>15,966</b>	<b>400,121</b>	<b>1,489,929</b>
<b>Unspecified .....</b>	<b>2,368</b>	<b>459</b>	<b>5,084</b>	<b>20,259</b>	<b>1,733</b>	<b>15,307</b>	<b>45,210</b>
<b>Total all coals .....</b>	<b>103,894</b>	<b>73,458</b>	<b>247,232</b>	<b>783,158</b>	<b>23,713</b>	<b>417,221</b>	<b>1,648,674</b>
<b>Coke (from coal):</b>							
Canadian made .....	875	—	2,816	2,585	46	111	6,433
United States made .....	71	—	—	13,760	—	2,799	16,630
<b>Total coke .....</b>	<b>946</b>	<b>—</b>	<b>2,816</b>	<b>16,345</b>	<b>46</b>	<b>2,910</b>	<b>23,063</b>
<b>Total coal and coke .....</b>	<b>104,840</b>	<b>73,458</b>	<b>250,048</b>	<b>799,501</b>	<b>23,759</b>	<b>420,131</b>	<b>1,671,737</b>

TABLE 80. Stocks of Coal and Coke held by Retail Fuel Dealers, by Selected Areas in Ontario, as of December 31, 1963

Type	Kingston area	Northern Ontario area	Ottawa Ontario area	Toronto area	Northwestern Ontario area	Windsor area	Total Ontario
net tons of 2,000 pounds							
<b>Canadian coals:</b>							
Bituminous:							
Eastern:							
Lump, egg, stove and nut .....	356	—	303	—	—	—	659
All other sizes .....	—	—	5,438	—	—	—	5,438
Western:							
Lump, egg, stove and nut .....	—	30	158	59	—	—	247
All other sizes .....	—	15	969	—	—	—	984
<b>Total bituminous .....</b>	<b>356</b>	<b>45</b>	<b>6,868</b>	<b>59</b>	<b>—</b>	<b>—</b>	<b>7,328</b>
Sub-bituminous:							
Lump, egg, stove and nut .....	—	245	—	206	422	270	1,143
All other sizes .....	—	—	—	—	—	—	—
<b>Total sub-bituminous .....</b>	<b>—</b>	<b>245</b>	<b>—</b>	<b>206</b>	<b>422</b>	<b>270</b>	<b>1,143</b>
Lignite:							
Lump, egg, stove and nut .....	—	—	—	—	49	—	49
All other sizes .....	—	—	—	—	54	—	54
<b>Total lignite .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>103</b>	<b>—</b>	<b>103</b>
Briquettes .....	105	257	178	338	27	135	1,040
<b>Total Canadian coals .....</b>	<b>461</b>	<b>547</b>	<b>7,046</b>	<b>603</b>	<b>552</b>	<b>405</b>	<b>9,614</b>
<b>Foreign coals:</b>							
Anthracite:							
United States:							
Pea and larger .....	5,128	4,917	5,939	43,352	8	11,996	71,340
Smaller sizes .....	2,242	58	1,688	7,646	—	1,486	13,120
United Kingdom:							
Pea and larger .....	25	—	1,296	1	—	—	1,322
Smaller sizes .....	19	—	26	48	—	—	93
<b>Total anthracite .....</b>	<b>7,414</b>	<b>4,975</b>	<b>8,949</b>	<b>51,047</b>	<b>8</b>	<b>13,482</b>	<b>85,875</b>
Bituminous (United States):							
Low volatile:							
Slack and stoker .....	54	4,304	255	2,814	54	6,712	14,193
Other sizes .....	259	295	123	5,449	88	2,505	8,719
High volatile:							
Slack, nut slack, etc. ....	12,400	78	7,169	46,546	—	59,128	125,319
Prepared stoker .....	26,773	6,008	4,350	103,908	113	68,056	209,208
Other sizes .....	907	46	288	5,057	21	15,098	21,417
<b>Total bituminous .....</b>	<b>40,393</b>	<b>10,729</b>	<b>12,185</b>	<b>163,774</b>	<b>276</b>	<b>151,499</b>	<b>378,856</b>
<b>Total foreign coals .....</b>	<b>47,807</b>	<b>15,704</b>	<b>21,134</b>	<b>214,821</b>	<b>284</b>	<b>164,981</b>	<b>464,731</b>
<b>Unspecified .....</b>	<b>487</b>	<b>187</b>	<b>297</b>	<b>2,675</b>	<b>228</b>	<b>2,074</b>	<b>5,948</b>
<b>Total all coals .....</b>	<b>48,755</b>	<b>16,438</b>	<b>28,477</b>	<b>218,099</b>	<b>1,064</b>	<b>167,460</b>	<b>480,293</b>
<b>Coke (from coal):</b>							
Canadian made .....	48	—	629	459	10	79	1,225
United States made .....	70	—	—	1,163	—	765	1,998
<b>Total coke .....</b>	<b>118</b>	<b>—</b>	<b>629</b>	<b>1,622</b>	<b>10</b>	<b>844</b>	<b>3,223</b>
<b>Total coal and coke .....</b>	<b>48,873</b>	<b>16,438</b>	<b>29,106</b>	<b>219,721</b>	<b>1,074</b>	<b>168,304</b>	<b>483,516</b>

TABLE 81. Consumption of Coal and Coke by Industrial Consumers,<sup>1</sup> by Selected Areas in Ontario, 1963

Type	Kingston area	Northern Ontario area	Ottawa Ontario area	Toronto area	Northwestern Ontario area	Windsor area	Total Ontario
net tons of 2,000 pounds							
<b>Canadian coals:</b>							
Bituminous:							
Eastern:							
Slack .....	88,745	59,130	277,652	449,867	—	96,753	972,147
Stoker .....	—	—	—	300	—	—	300
Other sizes .....	—	—	—	933	—	—	933
Western:							
Slack .....	—	13,204	—	—	—	—	13,204
Stoker .....	—	—	1,272	—	—	—	1,272
Other sizes .....	—	—	—	—	—	—	—
<b>Total bituminous</b> .....	<b>88,745</b>	<b>72,334</b>	<b>278,924</b>	<b>451,100</b>	<b>—</b>	<b>96,753</b>	<b>987,856</b>
Sub-bituminous .....	—	—	—	—	—	—	—
Lignite .....	—	—	—	—	107,259	—	107,259
<b>Total Canadian coals</b> .....	<b>88,745</b>	<b>72,334</b>	<b>278,924</b>	<b>451,100</b>	<b>107,259</b>	<b>96,753</b>	<b>1,095,115</b>
<b>Foreign coals:</b>							
Anthracite:							
United States .....	—	9	—	98,694	2	2,664	101,369
United Kingdom .....	—	—	—	—	—	—	—
<b>Total anthracite</b> .....	<b>—</b>	<b>9</b>	<b>—</b>	<b>98,694</b>	<b>2</b>	<b>2,664</b>	<b>101,369</b>
Bituminous (United States):							
Low volatile:							
Slack .....	1,050	44,364	2,353	46,275	2,674	4,025	100,741
Stoker .....	—	1,065	—	35,620	—	5,005	41,690
Other sizes .....	—	4,233	918	9,807	6,887	1,895	23,740
High volatile:							
Slack .....	77,482	284,835	30,929	2,760,058	160,498	1,536,438	4,850,240
Stoker .....	45,088	112,056	7,993	371,123	8,097	107,148	651,505
Other sizes .....	—	1,299	—	58,762	1,984	187,568	249,613
<b>Total bituminous</b> .....	<b>123,620</b>	<b>447,852</b>	<b>42,193</b>	<b>3,281,645</b>	<b>180,140</b>	<b>1,842,079</b>	<b>5,917,529</b>
<b>Total foreign coals</b> .....	<b>123,620</b>	<b>447,861</b>	<b>42,193</b>	<b>3,380,339</b>	<b>180,142</b>	<b>1,844,743</b>	<b>6,018,898</b>
<b>Total all coals</b> .....	<b>212,365</b>	<b>520,195</b>	<b>321,117</b>	<b>3,831,439</b>	<b>287,401</b>	<b>1,941,496</b>	<b>7,114,013</b>
<b>Coke:</b>							
Coal coke:							
Canadian made .....	3,541	1,514,817	351	2,015,807	40	2,686	3,537,242
United States made .....	65	8,454	—	121,256	68	45,865	175,708
Petroleum coke .....	—	2,740	—	69,421	—	43,713	115,874
<b>Total coke</b> .....	<b>3,606</b>	<b>1,526,011</b>	<b>351</b>	<b>2,206,484</b>	<b>108</b>	<b>92,264</b>	<b>3,828,824</b>
<b>Total coal and coke</b> .....	<b>215,971</b>	<b>2,046,206</b>	<b>321,468</b>	<b>6,037,923</b>	<b>287,509</b>	<b>2,033,760</b>	<b>10,942,837</b>

<sup>1</sup> Does not include firms using less than 500 tons of coal per annum.

**TABLE 82. Summary of Coal Statistics for Ontario in 1963—Exports, Interprovincial Shipments, Landed Imports and Coal made available for Consumption, by Months and by Kinds**

Month	Canadian coal		Imported from U.S.A. <sup>1</sup>		Available for consumption
	Received from other provinces	Exported	Central Ontario	Head of Lakes	
	short tons				
January:					
Anthracite .....	—	—	51,212	—	51,212
Bituminous .....	44,663	—	47,773	1,052	93,488
Sub-bituminous .....	949	—	—	—	949
Lignite .....	13,503	—	—	—	13,503
<b>Totals .....</b>	<b>59,115</b>	<b>—</b>	<b>98,985</b>	<b>1,052</b>	<b>159,152</b>
February:					
Anthracite .....	—	—	44,057	—	44,057
Bituminous .....	33,179	—	47,120	485	80,784
Sub-bituminous .....	520	—	—	—	520
Lignite .....	9,424	—	—	—	9,424
<b>Totals .....</b>	<b>43,123</b>	<b>—</b>	<b>91,177</b>	<b>485</b>	<b>134,785</b>
March:					
Anthracite .....	—	—	41,998	58	42,056
Bituminous .....	34,902	39	42,713	341	77,917
Sub-bituminous .....	232	—	—	—	232
Lignite .....	7,499	—	—	—	7,499
<b>Totals .....</b>	<b>42,633</b>	<b>39</b>	<b>84,711</b>	<b>399</b>	<b>127,704</b>
April:					
Anthracite .....	—	—	14,704	47	14,751
Bituminous .....	46,101	—	693,784	3,013	742,898
Sub-bituminous .....	—	—	—	—	—
Lignite .....	7,180	—	—	—	7,180
<b>Totals .....</b>	<b>53,281</b>	<b>—</b>	<b>708,488</b>	<b>3,060</b>	<b>764,829</b>
May:					
Anthracite .....	—	—	30,823	45	30,868
Bituminous .....	94,631	—	1,564,819	35,012	1,694,462
Sub-bituminous .....	134	—	—	—	134
Lignite .....	7,149	—	—	—	7,149
<b>Totals .....</b>	<b>101,914</b>	<b>—</b>	<b>1,595,642</b>	<b>35,057</b>	<b>1,732,613</b>
June:					
Anthracite .....	—	—	39,101	53	39,154
Bituminous .....	112,679	44	1,359,174	36,371	1,508,180
Sub-bituminous .....	121	—	—	—	121
Lignite .....	6,591	—	—	—	6,591
<b>Totals .....</b>	<b>119,391</b>	<b>44</b>	<b>1,398,275</b>	<b>36,424</b>	<b>1,554,046</b>
July:					
Anthracite .....	—	—	25,326	183	25,509
Bituminous .....	82,810	—	1,169,337	23,631	1,275,778
Sub-bituminous .....	—	—	—	—	—
Lignite .....	6,863	—	—	—	6,863
<b>Totals .....</b>	<b>89,673</b>	<b>—</b>	<b>1,194,663</b>	<b>23,814</b>	<b>1,308,150</b>

<sup>1</sup> Briquettes are not included.

TABLE 82. Summary of Coal Statistics for Ontario in 1963 - Exports, Interprovincial Shipments, Landed Imports and Coal made available for Consumption, by Months and by Kinds - Concluded

Month	Canadian coal		Imported from U.S.A. <sup>1</sup>		Available for consumption
	Received from other provinces	Exported	Central Ontario	Head of Lakes	
			short tons		
August:					
Anthracite .....	-	-	38,876	131	39,007
Bituminous .....	34,110	-	2,020,990	56,499	2,111,599
Sub-bituminous .....	651	-	-	-	651
Lignite .....	8,094	-	-	-	8,094
<b>Totals .....</b>	<b>42,855</b>	<b>-</b>	<b>2,059,866</b>	<b>56,630</b>	<b>2,159,351</b>
September:					
Anthracite .....	-	-	39,976	104	40,080
Bituminous .....	38,534	142	1,950,336	59,999	2,048,727
Sub-bituminous .....	808	-	-	-	808
Lignite .....	6,734	-	-	-	6,734
<b>Totals .....</b>	<b>46,076</b>	<b>142</b>	<b>1,990,312</b>	<b>60,103</b>	<b>2,096,349</b>
October:					
Anthracite .....	-	-	56,798	102	56,900
Bituminous .....	64,039	-	1,720,814	34,862	1,819,715
Sub-bituminous .....	1,130	-	-	-	1,130
Lignite .....	9,491	-	-	-	9,491
<b>Totals .....</b>	<b>74,660</b>	<b>-</b>	<b>1,777,612</b>	<b>34,964</b>	<b>1,887,236</b>
November:					
Anthracite .....	-	-	57,799	-	57,799
Bituminous .....	68,473	56	1,728,930	17,817	1,815,164
Sub-bituminous .....	757	-	-	-	757
Lignite .....	11,696	-	-	-	11,696
<b>Totals .....</b>	<b>80,926</b>	<b>56</b>	<b>1,786,729</b>	<b>17,817</b>	<b>1,885,416</b>
December:					
Anthracite .....	-	-	36,867	204	37,071
Bituminous .....	51,059	-	548,794	8,188	608,041
Sub-bituminous .....	837	-	-	-	837
Lignite .....	17,211	-	-	-	17,211
<b>Totals .....</b>	<b>69,107</b>	<b>-</b>	<b>585,661</b>	<b>8,392</b>	<b>663,160</b>
<b>Totals:</b>					
Anthracite .....	-	-	477,537	927	478,464
Bituminous .....	705,180	281	12,894,584	277,270	13,876,753
Sub-bituminous .....	6,139	-	-	-	6,139
Lignite .....	111,435	-	-	-	111,435
<b>Totals .....</b>	<b>822,754</b>	<b>281</b>	<b>13,372,121</b>	<b>278,197</b>	<b>14,472,791</b>

<sup>1</sup> Briquettes are not included.

## SECTION VIII

### MANITOBA

**TABLE 83. Imported Coal<sup>1</sup> "Landed" in Manitoba and at Head of Lakes, 1962 and 1963**

Source	1962			1963		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
short tons						
Manitoba						
From United States .....	51	6,671	6,722	—	5,145	5,145
Head of Lakes <sup>2</sup>						
From United States .....	2,771	204,799	207,570	927	277,270	278,197

<sup>1</sup> The total tonnage of foreign coal received at "Head of Lakes" and Manitoba ports of entry. See page 3, Section 2, for explanations.  
<sup>2</sup> This coal was landed in Ontario, but a portion was made available for consumption in Manitoba.

**TABLE 84. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in Manitoba, 1962 and 1963**

Kind	Sales		Stocks	
	1962	1963	December 31, 1962	December 31, 1963
short tons				
<b>Anthracite:</b>				
United States:				
Pea and larger .....	—	—	—	—
Smaller sizes .....	—	—	—	—
<b>Bituminous:</b>				
United States:				
Low volatile:				
Slack and stoker .....	548	514	111	67
Other sizes .....	433	273	60	23
High volatile:				
Slack .....	19	—	—	—
Stoker .....	30,035	18,547	2,076	2,249
Other sizes .....	37	82	58	8
Miscellaneous (including briquettes) .....	20,106	16,164	995	1,015
Canadian:				
Bituminous .....	5,149	5,037	850	676
Domestic and lignite .....	391,906	317,448	22,966	21,844
Briquettes .....	18,752	15,301	3,214	3,024
<b>Coke:</b>				
From coal .....	3,691	3,139	390	720
<b>Total coal and coke .....</b>	<b>470,674</b>	<b>376,505</b>	<b>31,220</b>	<b>29,626</b>

TABLE 85. Consumption of Coal and Coke by Industrial Consumers<sup>1</sup> in Manitoba, 1962 and 1963

Kind	1962	1963
	short tons	
<b>Anthracite</b> .....	—	—
<b>Bituminous:</b>		
United States:		
Low volatile:		
Slack .....	—	—
Stoker .....	3,726	4,422
Other sizes .....	—	—
High volatile:		
Slack .....	696	384
Stoker .....	290	118
Other sizes .....	—	54
Canadian:		
Bituminous .....	145,142	141,338
Domestic and lignite .....	344,799	246,885
<b>Coke:</b>		
From coal .....	5,925	3,258
<b>Total coal and coke</b> .....	<b>500,578</b>	<b>396,459</b>

<sup>1</sup> Does not include firms using less than 500 tons of coal per annum.

TABLE 86. Summary of Coal Statistics for Manitoba in 1963 — Exports, Interprovincial Shipments, Landed Imports and Coal made available for Consumption (exclusive of tonnage cleared at Head of Lakes, some of which entered Manitoba), by Months and by Kinds

Month	Canadian coal		Imported <sup>1</sup> from U.S.A.	Available for consumption
	Received from other provinces	Exported		
	short tons			
<b>January:</b>				
Bituminous .....	13,954	—	1,372	15,326
Sub-bituminous .....	27,121	—	—	27,121
Lignite .....	104,991	—	—	104,991
<b>Totals</b> .....	<b>146,066</b>	<b>—</b>	<b>1,372</b>	<b>147,438</b>
<b>February:</b>				
Bituminous .....	12,202	—	804	13,006
Sub-bituminous .....	15,757	—	—	15,757
Lignite .....	77,448	—	—	77,448
Anthracite .....	—	—	—	—
<b>Totals</b> .....	<b>105,407</b>	<b>—</b>	<b>804</b>	<b>106,211</b>
<b>March:</b>				
Bituminous .....	13,312	—	534	13,846
Sub-bituminous .....	6,023	—	—	6,023
Lignite .....	49,798	—	—	49,798
<b>Totals</b> .....	<b>69,133</b>	<b>—</b>	<b>534</b>	<b>69,667</b>
<b>April:</b>				
Bituminous .....	13,010	—	239	13,249
Sub-bituminous .....	1,249	—	—	1,249
Lignite .....	26,966	—	—	26,966
<b>Totals</b> .....	<b>41,225</b>	<b>—</b>	<b>239</b>	<b>41,464</b>

<sup>1</sup> Briquettes are not included.

TABLE 86. Summary of Coal Statistics for Manitoba in 1963 - Exports, Interprovincial Shipments, Landed Imports and Coal made available for Consumption (exclusive of tonnage cleared at Head of Lakes, some of which entered Manitoba), by Months and by Kinds - Concluded

Month	Canadian coal		Imported <sup>1</sup> from U.S.A.	Available for consumption
	Received from other provinces	Exported		
	short tons			
May:				
Bituminous .....	10,037	-	55	10,092
Sub-bituminous .....	580	-	-	580
Lignite .....	22,595	-	-	22,595
<b>Totals .....</b>	<b>33,212</b>	<b>-</b>	<b>55</b>	<b>33,267</b>
June:				
Bituminous .....	11,444	-	-	11,444
Sub-bituminous .....	538	-	-	538
Lignite .....	11,650	-	-	11,650
<b>Totals .....</b>	<b>23,632</b>	<b>-</b>	<b>-</b>	<b>23,632</b>
July:				
Bituminous .....	14,076	-	26	14,102
Sub-bituminous .....	-	-	-	-
Lignite .....	11,494	-	-	11,494
<b>Totals .....</b>	<b>25,570</b>	<b>-</b>	<b>26</b>	<b>25,596</b>
August:				
Bituminous .....	12,725	-	119	12,844
Sub-bituminous .....	1,380	-	-	1,380
Lignite .....	14,691	-	-	14,691
<b>Totals .....</b>	<b>28,796</b>	<b>-</b>	<b>119</b>	<b>28,915</b>
September:				
Bituminous .....	10,600	-	343	10,943
Sub-bituminous .....	12,925	-	-	12,925
Lignite .....	29,180	-	-	29,180
<b>Totals .....</b>	<b>52,705</b>	<b>-</b>	<b>343</b>	<b>53,048</b>
October:				
Anthracite .....	-	-	-	-
Bituminous .....	9,707	37	349	10,019
Sub-bituminous .....	19,315	-	-	19,315
Lignite .....	38,222	-	-	38,222
<b>Totals .....</b>	<b>67,244</b>	<b>37</b>	<b>349</b>	<b>67,556</b>
November:				
Bituminous .....	11,796	-	896	12,692
Sub-bituminous .....	23,445	-	-	23,445
Lignite .....	68,733	-	-	68,733
<b>Totals .....</b>	<b>103,974</b>	<b>-</b>	<b>896</b>	<b>104,870</b>
December:				
Bituminous .....	14,494	-	408	14,902
Sub-bituminous .....	21,036	-	-	21,036
Lignite .....	95,800	-	-	95,800
<b>Totals .....</b>	<b>131,330</b>	<b>-</b>	<b>408</b>	<b>131,738</b>
<b>Totals:</b>				
Anthracite .....	-	-	-	-
Bituminous .....	147,357	37	5,145	152,465
Sub-bituminous .....	129,369	-	-	129,369
Lignite .....	551,568	-	-	551,568
<b>Totals .....</b>	<b>828,294</b>	<b>37</b>	<b>5,145</b>	<b>833,402</b>

<sup>1</sup> Briquettes are not included.

## SECTION IX

### SASKATCHEWAN

TABLE 87. Output of Coal from Saskatchewan Mines, 1954 - 63

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1954 .....	2, 116, 740	3, 961, 702	1959 .....	1, 947, 380	3, 746, 044
1955 .....	2, 293, 816	4, 309, 163	1960 .....	2, 170, 797	3, 833, 629
1956 .....	2, 341, 641	4, 320, 167	1961 .....	2, 208, 851	3, 769, 357
1957 .....	2, 248, 812	4, 398, 031	1962 .....	2, 256, 306	4, 553, 900
1958 .....	2, 253, 178	4, 379, 481	1963 .....	1, 873, 556	3, 713, 988

TABLE 88. Output of Coal from Saskatchewan Mines, by Months, 1960 - 63

Month	1960	1961	1962	1963
	short tons			
January .....	248, 321	262, 536	332, 252	277, 677
February .....	216, 507	221, 909	268, 287	208, 918
March .....	216, 855	183, 596	252, 489	178, 795
April .....	134, 957	146, 211	136, 356	100, 517
May .....	102, 487	119, 334	119, 051	85, 206
June .....	102, 860	114, 162	103, 259	89, 930
July .....	89, 671	87, 915	85, 281	64, 521
August .....	119, 159	90, 583	108, 163	77, 644
September .....	167, 670	187, 602	147, 795	112, 614
October .....	240, 340	240, 801	229, 595	182, 660
November .....	281, 620	254, 303	227, 470	214, 866
December .....	250, 350	299, 899	246, 308	280, 208
<b>Totals</b> .....	<b>2, 170, 797</b>	<b>2, 208, 851</b>	<b>2, 256, 306</b>	<b>1, 873, 556</b>

TABLE 89. Output of Coal, by Principal Collieries in Saskatchewan, 1961 - 63

Name	Address	1961	1962	1963
		short tons		
Great West Coal Co. Ltd. ....	Estevan .....	745, 770	755, 814	628, 053
Manitoba and Saskatchewan Coal Co. Ltd. ....	Winnipeg .....	450, 153	392, 968	338, 052
North West Coal Co. ....	Bienfait .....	73, 230	75, 181	41, 667
Utility Coals Ltd. ....	Estevan .....	939, 698	1, 032, 343	865, 784
<b>Totals</b> .....		<b>2, 208, 851</b>	<b>2, 256, 306</b>	<b>1, 873, 556</b>

TABLE 90. Disposition of Coal by Saskatchewan Mines, by Grades, 1963

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	
							Quantity	Value at mines
	short tons						short tons	\$
Shipped as per Table 99 .....	865,784	74,552	285,362	196,696	109,488	316,552	1,848,434	3,704,015
Used under colliery boilers .....	-	-	1,806	-	-	6,382	8,188	10,103
Used by companies' railroads .....	-	1,337	-	-	-	-	1,337	2,674
Put on bank .....	-	1,861	9,392	3,746	1,372	22,276	38,447	44,965
Put on waste heap .....	-	-	-	-	-	17,547	17,547	-
<b>Total disposition .....</b>	<b>865,784</b>	<b>77,550</b>	<b>296,560</b>	<b>200,442</b>	<b>110,860</b>	<b>362,757</b>	<b>1,913,953</b>	<b>3,761,757</b>
Less - Lifted from bank .....	-	1,506	8,572	3,465	1,372	21,289	36,204	42,317
Lifted from waste heap .....	-	-	-	-	-	4,193	4,193	5,452
<b>Total output .....</b>	<b>865,784</b>	<b>76,044</b>	<b>287,988</b>	<b>196,977</b>	<b>109,488</b>	<b>337,275</b>	<b>1,873,556</b>	<b>3,713,988</b>

TABLE 91. Shipments of Coal from Saskatchewan Mines, by Grades and Destination, 1963

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
	short tons						
Shipped to railroads for own consumption:							
In Canada .....	-	9,168	41,692	3,848	-	64,409	119,117
Saskatchewan:							
(a) Shipments to industrial consumers .....	865,784	44	6,847	2,610	69,793	3,390	948,468
(b) Shipments to dealers for resale .....	-	29,675	61,252	20,865	-	-	111,792
(c) Sales direct to domestic consumers, (except to employees) .....	-	1,471	888	269	6	18	2,650
(d) To employees .....	-	857	60	126	-	-	1,043
Alberta .....	-	-	-	-	-	-	-
Manitoba .....	-	32,609	169,911	167,357	39,689	142,002	551,568
Ontario .....	-	28	4,055	619	-	106,735	111,435
United States .....	-	702	657	1,002	-	-	2,361
<b>Totals .....</b>	<b>865,784</b>	<b>74,552</b>	<b>385,362</b>	<b>196,696</b>	<b>109,488</b>	<b>316,552</b>	<b>1,848,434</b>

TABLE 92. Imported Coal<sup>1</sup> "Landed" in Saskatchewan, by Source, 1962 and 1963

Source	1962			1963		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
	short tons					
United States .....	2	72	74	-	-	-

<sup>1</sup> The total tonnage of foreign coal received at Saskatchewan ports of entry, See page 3, Section 2, for explanations.

TABLE 93. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in Saskatchewan, 1962 and 1963

Kind	Sales		Stocks	
	1962	1963	December 31, 1962	December 31, 1963
	short tons			
<b>Bituminous:</b>				
Canadian:				
Bituminous .....	1,805	1,485	293	252
Domestic and lignite .....	217,989	171,998	25,718	24,414
Briquettes .....	7,482	7,082	1,494	1,419
United States:				
High volatile:				
Other sizes .....	—	—	—	—
Miscellaneous .....	58,039	47,522	3,899	3,483
<b>Coke:</b>				
From coal .....	—	—	—	—
<b>Total coal and coke .....</b>	<b>285,315</b>	<b>228,087</b>	<b>31,404</b>	<b>28,568</b>

TABLE 94. Consumption of Coal and Coke, by Industrial Consumers<sup>1</sup> in Saskatchewan, 1962 and 1963

Kind	1962	1963
		short tons
<b>Bituminous:</b>		
Canadian:		
Bituminous .....	12,660	9,952
Domestic and lignite .....	1,199,161	1,132,300
<b>Total coal and coke .....</b>	<b>1,211,821</b>	<b>1,142,252</b>

<sup>1</sup> Does not include firms using less than 500 tons of coal per annum.

TABLE 95. Summary of Coal Statistics for Saskatchewan in 1963 — Output, Exports, Interprovincial Shipments, Landed Imports and Coal made available for Consumption, by Months and by Kinds

Kind	Canadian coal				Imported <sup>1</sup> from U.S.A.	Available for consumption
	Output	Received from other provinces	Mine shipments			
			To other provinces	For export		
	short tons					
<b>January:</b>						
Anthracite .....	—	—	—	—	—	—
Bituminous .....	—	437	—	—	—	437
Sub-bituminous .....	—	46,784	—	—	—	46,784
Lignite .....	277,677	—	118,494	265	—	158,918
<b>Totals .....</b>	<b>277,677</b>	<b>47,221</b>	<b>118,494</b>	<b>265</b>	<b>—</b>	<b>206,139</b>
<b>February:</b>						
Anthracite .....	—	—	—	—	—	—
Bituminous .....	—	389	—	—	—	389
Sub-bituminous .....	—	28,475	—	—	—	28,475
Lignite .....	208,918	—	86,872	334	—	121,712
<b>Totals .....</b>	<b>208,918</b>	<b>28,864</b>	<b>86,872</b>	<b>334</b>	<b>—</b>	<b>150,576</b>
<b>March:</b>						
Bituminous .....	—	40	—	—	—	40
Sub-bituminous .....	—	14,530	—	—	—	14,530
Lignite .....	178,795	—	57,297	196	—	121,302
<b>Totals .....</b>	<b>178,795</b>	<b>14,570</b>	<b>57,297</b>	<b>196</b>	<b>—</b>	<b>135,872</b>
<b>April:</b>						
Bituminous .....	—	—	—	—	—	—
Sub-bituminous .....	—	9,764	—	—	—	9,764
Lignite .....	100,517	—	34,146	28	—	66,343
<b>Totals .....</b>	<b>100,517</b>	<b>9,764</b>	<b>34,146</b>	<b>28</b>	<b>—</b>	<b>76,107</b>

<sup>1</sup> Briquettes are not included.

**TABLE 95. Summary of Coal Statistics for Saskatchewan in 1963 — Output, Exports, Interprovincial Shipments, Landed Imports and Coal made available for Consumption, by Months and by Kinds — Concluded**

Month	Canadian coal				Imported <sup>1</sup> from U.S.A.	Available for consumption
	Output	Received from other provinces	Mine shipments			
			To other provinces	For export		
short tons						
May:						
Bituminous .....	—	—	—	—	—	—
Sub-bituminous .....	—	10,798	—	—	—	10,798
Lignite .....	85,206	—	29,744	17	—	55,445
<b>Totals .....</b>	<b>85,206</b>	<b>10,798</b>	<b>29,744</b>	<b>17</b>	<b>—</b>	<b>66,243</b>
June:						
Bituminous .....	—	226	—	—	—	226
Sub-bituminous .....	—	9,841	—	—	—	9,841
Lignite .....	89,930	—	18,241	—	—	71,689
<b>Totals .....</b>	<b>89,930</b>	<b>10,067</b>	<b>18,241</b>	<b>—</b>	<b>—</b>	<b>81,756</b>
July:						
Bituminous .....	—	82	—	—	—	82
Sub-bituminous .....	—	673	—	—	—	673
Lignite .....	64,521	—	18,357	—	—	46,164
<b>Totals .....</b>	<b>64,521</b>	<b>755</b>	<b>18,357</b>	<b>—</b>	<b>—</b>	<b>46,919</b>
August:						
Bituminous .....	—	89	—	—	—	89
Sub-bituminous .....	—	5,506	—	—	—	5,506
Lignite .....	77,644	—	22,785	—	—	54,859
<b>Totals .....</b>	<b>77,644</b>	<b>5,595</b>	<b>22,785</b>	<b>—</b>	<b>—</b>	<b>60,454</b>
September:						
Bituminous .....	—	574	—	—	—	574
Sub-bituminous .....	—	28,079	—	—	—	28,079
Lignite .....	112,614	—	35,914	90	—	76,610
<b>Totals .....</b>	<b>112,614</b>	<b>28,653</b>	<b>35,914</b>	<b>90</b>	<b>—</b>	<b>105,263</b>
October:						
Anthracite .....	—	—	—	—	—	—
Bituminous .....	—	432	—	—	—	432
Sub-bituminous .....	—	59,386	—	—	—	59,386
Lignite .....	162,660	—	47,713	334	—	134,613
<b>Totals .....</b>	<b>162,660</b>	<b>59,818</b>	<b>47,713</b>	<b>334</b>	<b>—</b>	<b>194,431</b>
November:						
Bituminous .....	—	935	—	—	—	935
Sub-bituminous .....	—	62,668	—	—	—	62,668
Lignite .....	214,866	—	80,429	399	—	134,038
<b>Totals .....</b>	<b>214,866</b>	<b>63,603</b>	<b>80,429</b>	<b>399</b>	<b>—</b>	<b>197,641</b>
December:						
Bituminous .....	—	341	—	—	—	341
Sub-bituminous .....	—	63,864	—	—	—	63,864
Lignite .....	280,208	—	113,011	698	—	166,499
<b>Totals .....</b>	<b>280,208</b>	<b>64,205</b>	<b>113,011</b>	<b>698</b>	<b>—</b>	<b>230,704</b>
<b>Totals:</b>						
Anthracite .....	—	—	—	—	—	—
Bituminous .....	—	3,545	—	—	—	3,545
Sub-bituminous .....	—	340,368	—	—	—	340,368
Lignite .....	1,873,556	—	663,003	2,361	—	1,208,192
<b>Totals .....</b>	<b>1,873,556</b>	<b>343,913</b>	<b>663,003</b>	<b>2,361</b>	<b>—</b>	<b>1,552,105</b>

<sup>1</sup> Briquettes are not included.

TABLE 96. Employees, Salaries and Wages in the Coal Mines of Saskatchewan, 1962 and 1963

	1962	1963
Average number of salaried employees .....	33	33
Average number of wage-earners:		
Surface .....	181	163
Underground .....	—	—
<b>Totals</b> .....	<b>214</b>	<b>196</b>
Salaries and wages:		
Salaries .....	\$ 151,865	162,285
Wages .....	\$ 888,403	738,490
<b>Totals</b> .....	<b>\$ 1,040,268</b>	<b>900,775</b>

TABLE 97. Employment at Coal Mines in Saskatchewan, 1962 and 1963

	1962			1963		
	Shaft mines	Strip mines	Total	Shaft mines	Strip mines	Total
Average number of employees:						
Surface .....	—	214	214	—	196	196
Underground .....	—	—	—	—	—	—
<b>Totals</b> .....	<b>—</b>	<b>214</b>	<b>214</b>	<b>—</b>	<b>196</b>	<b>196</b>
Man-days worked:						
Surface .....	—	50,309	50,309	—	45,349	45,349
Underground .....	—	—	—	—	—	—
<b>Totals</b> .....	<b>—</b>	<b>50,309</b>	<b>50,309</b>	<b>—</b>	<b>45,349</b>	<b>45,349</b>
Average number of man-days worked during year:						
By surface employees .....	—	235	235	—	231	231
By underground employees .....	—	—	—	—	—	—
<b>By all employees</b> .....	<b>—</b>	<b>235</b>	<b>235</b>	<b>—</b>	<b>231</b>	<b>231</b>

TABLE 98. Employment and Man-days Worked, by Months, at Coal Mines in Saskatchewan, 1962 and 1963

Month	Number of employees			Man-days worked		
	Surface	Underground	Total	Surface	Underground	Total
1962						
January .....	228	—	228	5,765	—	5,765
February .....	231	—	231	4,665	—	4,665
March .....	234	—	234	5,638	—	5,638
April .....	199	—	199	3,481	—	3,481
May .....	201	—	201	3,735	—	3,735
June .....	195	—	195	3,277	—	3,277
July .....	184	—	184	2,533	—	2,533
August .....	203	—	203	3,291	—	3,291
September .....	212	—	212	4,363	—	4,363
October .....	226	—	226	4,913	—	4,913
November .....	231	—	231	4,205	—	4,205
December .....	230	—	230	4,443	—	4,443
<b>Totals</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>50,309</b>	<b>—</b>	<b>50,309</b>

TABLE 98. Employment and Man-days Worked, by Months, at Coal Mines in Saskatchewan, 1962 and 1963 - Concluded

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
1963						
January .....	228	-	228	5,074	-	5,074
February .....	231	-	231	3,894	-	3,894
March .....	230	-	230	4,162	-	4,162
April .....	165	-	165	2,802	-	2,802
May .....	163	-	163	2,947	-	2,947
June .....	172	-	172	2,827	-	2,827
July .....	173	-	173	2,402	-	2,402
August .....	183	-	183	3,798	-	3,798
September .....	194	-	194	3,657	-	3,657
October .....	199	-	199	3,922	-	3,922
November .....	208	-	208	4,355	-	4,355
December .....	210	-	210	5,509	-	5,509
<b>Totals .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>45,349</b>	<b>-</b>	<b>45,349</b>

TABLE 99. Employment at Coal Mines in Saskatchewan, by Classes,<sup>1</sup> 1962 and 1963

Classification	1962			1983		
	Surface	Under-ground	Total	Surface	Under-ground	Total
number						
<b>Strip mining</b>						
(Includes employees of contractors)						
Salaried employees .....	33	-	33	33	-	33
<b>Wage earners:</b>						
Foremen and other officials on wages .....	2	-	2	2	-	2
Tipple, preparation and shipping .....	85	-	85	62	-	62
Powerhouse, boilers and shops .....	32	-	32	29	-	29
Miscellaneous .....	62	-	62	70	-	70
<b>Total wage earners .....</b>	<b>181</b>	<b>-</b>	<b>181</b>	<b>163</b>	<b>-</b>	<b>163</b>
<b>Total employment</b>						
Total salaried employees .....	33	-	33	33	-	33
Total wage-earners .....	181	-	181	163	-	163
<b>Grand totals .....</b>	<b>214</b>	<b>-</b>	<b>214</b>	<b>196</b>	<b>-</b>	<b>196</b>

<sup>1</sup> Underground mining not applicable in Saskatchewan.

# SECTION X

## ALBERTA

**TABLE 100. Output of Coal from Alberta Mines, 1954-63**

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1954 .....	4,859,049	26,382,603	1959 .....	2,528,755	12,756,112
1955 .....	4,455,279	23,559,584	1960 .....	2,391,699	11,516,842
1956 .....	4,328,787	23,274,012	1961 .....	2,027,826	10,472,978
1957 .....	3,156,546	17,383,547	1962 .....	2,087,310	9,969,608
1958 .....	2,519,901	12,807,276	1963 .....	2,289,943	9,864,890

**TABLE 101. Output of Coal from Alberta Mines, by Months, 1960-63**

Month	1960	1961	1962	1963
	short tons			
January .....	271,147	238,839	297,429	346,394
February .....	189,291	177,973	188,857	247,686
March .....	177,293	135,063	189,428	147,707
April .....	81,103	101,036	55,138	143,634
May .....	91,402	97,412	100,834	133,986
June .....	114,644	88,501	81,564	92,846
July .....	106,258	50,819	97,725	42,680
August .....	150,225	94,110	86,474	93,174
September .....	248,959	219,080	151,459	164,175
October .....	338,385	290,901	281,196	242,935
November .....	369,699	255,668	275,694	307,288
December .....	253,293	278,424	281,512	327,458
<b>Totals .....</b>	<b>2,392,699</b>	<b>2,027,826</b>	<b>2,087,310</b>	<b>2,289,943</b>

**TABLE 102. Output of Coal from Alberta Mines, by Districts, 1961-63**

District	1961	1962	1963
	short tons		
<b>Bituminous:</b>			
Cascade .....	230,058	217,050	215,269
Coalspur .....	4,916	6,263	5,206
Crowsnest .....	352,665 <sup>1</sup>	300,983	360,268
Halcourt .....	360	—	280
Lethbridge .....	78,227	65,843	54,627
<b>Totals, bituminous .....</b>	<b>666,226<sup>1</sup></b>	<b>590,139</b>	<b>635,650</b>
<b>Sub-bituminous:</b>			
Ardley .....	41,320	39,817	38,405
Brooks .....	8,860	7,652	6,633
Camrose .....	28,212	24,943	23,019
Carbon .....	19,518	18,009	15,195
Castor .....	482,861	513,148	569,868
Champion .....	5,188	4,843	3,710
Drumbeller .....	382,576	342,240	305,508
Edmonton .....	89,928	90,111	85,316
Gleichen .....	2,372	2,116	1,470
Pembina .....	56,133	196,271	358,275
Redcliff .....	2,398	2,211	2,023
Sheerness .....	155,967	174,167	174,601
Taber .....	45,035	37,977	28,967
Tofield .....	20,163	20,062	17,550
Westlock .....	18,011	20,820	21,178
Wetaskiwin .....	3,190	2,784	2,575
Whitecourt .....	68	—	—
<b>Totals, sub-bituminous .....</b>	<b>1,361,600</b>	<b>1,497,171</b>	<b>1,654,293</b>
<b>Totals, Alberta .....</b>	<b>2,027,826<sup>1</sup></b>	<b>2,087,310</b>	<b>2,289,943</b>

<sup>1</sup> Includes 51,397 tons produced by Coleman Collieries Ltd., in British Columbia.

TABLE 103. Output of Coal by Principal Collieries in Alberta, 1962 and 1963

Name and address	1962			1963		
	Strip mines	Shaft mines	Total	Strip mines	Shaft mines	Total
	short tons					
<b>Bituminous</b>						
<b>Cascade District:</b>						
Canmore Mines Ltd., Canmore .....	—	217,050	217,050	—	215,269	215,269
<b>Totals</b> .....	—	<b>217,050</b>	<b>217,050</b>	—	<b>215,269</b>	<b>215,269</b>
<b>Coalspur District:</b>						
MacLeod River Hard Coal Co. Ltd., Coalspur .....	—	6,263	6,263	—	4,951	4,951
King Coal (1963) Ltd. ....	—	—	—	25	230	255
<b>Totals</b> .....	—	<b>6,263</b>	<b>6,263</b>	<b>25</b>	<b>5,181</b>	<b>5,206</b>
<b>Crowsnest District:</b>						
Coleman Collieries Ltd., Coleman .....	—	293,848	293,848	29,969	325,032	355,001
Castle Coal Co., Blairmore .....	—	6,215	6,215	—	5,267	5,267
All other operators .....	—	920	920	—	—	—
<b>Totals</b> .....	—	<b>300,983</b>	<b>300,983</b>	<b>29,969</b>	<b>330,299</b>	<b>360,268</b>
<b>Halcourt District</b> .....	—	—	—	<b>280</b>	—	<b>280</b>
<b>Lethbridge District:</b>						
Lethbridge Collieries Ltd., Lethbridge .....	—	65,843	65,843	—	54,627	54,627
<b>Totals</b> .....	—	<b>65,843</b>	<b>65,843</b>	—	<b>54,627</b>	<b>54,627</b>
<b>Totals, bituminous</b> .....	—	<b>590,139</b>	<b>590,139</b>	<b>30,274</b>	<b>605,376</b>	<b>635,650</b>
<b>Sub-bituminous</b>						
<b>Ardley District:</b>						
H. Allyn Mann, Alix <sup>1</sup> .....	15,577	—	15,577	17,125	—	17,125
Lynass, J., Delburne .....	11,678	—	11,678	11,448	—	11,448
Straub, R.R., Alix <sup>2</sup> .....	12,562	—	12,562	9,832	—	9,832
<b>Totals</b> .....	<b>39,817</b>	—	<b>39,817</b>	<b>38,405</b>	—	<b>38,405</b>
<b>Brooks District:</b>						
Kleenbirt Collieries Ltd., Bow City .....	7,030	—	7,030	6,112	—	6,112
Coral Coals Ltd., Rolling Hills .....	622	—	622	521	—	521
<b>Totals</b> .....	<b>7,652</b>	—	<b>7,652</b>	<b>6,633</b>	—	<b>6,633</b>
<b>Camrose District:</b>						
Camrose Collieries Ltd., Camrose .....	17,840	—	17,840	16,954	—	16,954
Burnstad Coal Ltd., Obaton .....	7,103	—	7,103	6,065	—	6,065
<b>Totals</b> .....	<b>24,943</b>	—	<b>24,943</b>	<b>23,019</b>	—	<b>23,019</b>

See footnotes at end of table.

TABLE 103. Output of Coal by Principal Collieries in Alberta, 1962 and 1963 - Continued

Name and address	1962			1963		
	Strip mines	Shaft mines	Total	Strip mines	Shaft mines	Total
	short tons					
<b>Sub-bituminous - Continued</b>						
<b>Carbon District:</b>						
Halbert Coal Mine, Trochu .....	-	3,941	3,941	-	3,286	3,286
Nottal Bros., Three Hills .....	11,250	-	11,250	9,593	-	9,593
Alfred Fox, Carbon .....	-	2,644	2,644	-	2,236	2,236
All other operators .....	-	174	174	50	28	78
<b>Totals .....</b>	<b>11,250</b>	<b>6,759</b>	<b>18,009</b>	<b>9,643</b>	<b>5,552</b>	<b>15,195</b>
<b>Castor District:</b>						
Battle River Coal Co., Ltd., Halkirk .....	186,392	-	186,392	199,935	-	199,935
Forestburg Collieries Ltd., Forestburg .....	317,772	-	317,772	361,742	-	361,742
Stettler Coal Co. Ltd., Halkirk .....	7,898	-	7,898	7,579	-	7,579
Remillard, O.V., Castor .....	-	727	727	-	592	592
All other operators .....	130	229	359	20	-	20
<b>Totals .....</b>	<b>512,192</b>	<b>956</b>	<b>513,148</b>	<b>569,276</b>	<b>592</b>	<b>569,868</b>
<b>Champion District:</b>						
Fontana, Peter, Champion .....	-	4,419	4,419	-	3,372	3,372
Smith Mine, Champion .....	-	424	424	-	338	338
<b>Totals .....</b>	<b>-</b>	<b>4,843</b>	<b>4,843</b>	<b>-</b>	<b>3,710</b>	<b>3,710</b>
<b>Drumheller District:</b>						
Amalgamated Coals Ltd., Calgary .....	-	150,563	150,563	-	133,526	133,526
Century Coals Ltd., East Coulee .....	-	186,288	186,288	-	134,257	134,257
Subway Coal Co., Rosedale .....	13,870	-	13,870	12,115	-	12,115
Federated Co-operatives Ltd. (Hy-Grade Mine), Drumheller .....	-	10,648	10,648	-	-	-
Fox Coulee Coals Ltd., Calgary .....	-	-	-	24,752	-	24,752
All other operators .....	308	583	891	332	526	858
<b>Totals .....</b>	<b>14,178</b>	<b>328,062</b>	<b>342,240</b>	<b>37,199</b>	<b>268,309</b>	<b>305,508</b>
<b>Edmonton:</b>						
Black Gem Coal Co. Ltd., Namao .....	-	13,018	13,018	-	10,862	10,862
Egg Lake Coal Co. Ltd., Morinville .....	12,402	-	12,402	11,372	-	11,372
Whitemud Creek Coal Co. Ltd., Edmonton .....	-	17,225	17,225	-	18,584	18,584
Star-Key Mines Ltd., Edmonton .....	-	45,647	45,647	-	44,345	44,345
Slide Hill Coal Co. Ltd., Edmonton .....	-	1,819	1,819	-	2,153	2,153
<b>Totals .....</b>	<b>12,402</b>	<b>77,709</b>	<b>90,111</b>	<b>11,372</b>	<b>73,844</b>	<b>85,316</b>
<b>Gleichen District:</b>						
Lucky Strike Mine, Rosebud .....	-	974	974	-	279	279
Buzzard, R.H., Rosebud .....	-	1,142	1,142	-	1,191	1,191
<b>Totals .....</b>	<b>-</b>	<b>2,116</b>	<b>2,116</b>	<b>-</b>	<b>1,470</b>	<b>1,470</b>

TABLE 103. Output of Coal by Principal Collieries in Alberta, 1962 and 1963 - Concluded

Name and address	1962			1963		
	Strip mines	Shaft mines	Total	Strip mines	Shaft mines	Total
	short tons					
<b>Sub-bituminous - Concluded</b>						
<b>Pembina District:</b>						
Alberta Coal Ltd., (Whitewood Mine), Calgary .....	140,150	—	140,150	322,667	—	322,667
Warburg Coal Co. Ltd., Warburg .....	12,112	—	12,112	11,579	—	11,579
Alberta Coal Ltd., Calgary .....	37,890	—	37,890	15,188	—	15,188
Pembina Peerless Coal, Evansburg .....	6,119	—	6,119	8,841	—	8,841
<b>Totals</b> .....	<b>196,271</b>	<b>—</b>	<b>196,271</b>	<b>358,275</b>	<b>—</b>	<b>358,275</b>
<b>Redcliff District:</b>						
Ajax Coal Mine, Medicine Hat .....	—	2,211	2,211	—	2,023	2,023
<b>Totals</b> .....	<b>—</b>	<b>2,211</b>	<b>2,211</b>	<b>—</b>	<b>2,023</b>	<b>2,023</b>
<b>Sheerness District:</b>						
Great West Coal Co. Ltd., Sheerness .....	174,167	—	174,167	174,601	—	174,601
<b>Totals</b> .....	<b>174,167</b>	<b>—</b>	<b>174,167</b>	<b>174,601</b>	<b>—</b>	<b>174,601</b>
<b>Taber District:</b>						
Alberta Coal Sales Ltd., Taber .....	37,977	—	37,977	28,967	—	28,967
<b>Totals</b> .....	<b>37,977</b>	<b>—</b>	<b>37,977</b>	<b>28,967</b>	<b>—</b>	<b>28,967</b>
<b>Toffield District:</b>						
Ryalta Coal Co., Ryley .....	608	—	608	305	—	305
Black Nugget Coal Ltd., Ryley .....	8,281	—	8,281	5,518	—	5,518
Jet Construction Ltd., Ryley .....	11,173	—	11,173	11,727	—	11,727
<b>Totals</b> .....	<b>20,062</b>	<b>—</b>	<b>20,062</b>	<b>17,550</b>	<b>—</b>	<b>17,550</b>
<b>Westlock District:</b>						
North Point Coal Co. Ltd., Thorhild .....	14,961	—	14,961	15,716	—	15,716
Picardville Coal Co. Ltd., Picardville .....	5,857	—	5,857	5,462	—	5,462
All other operators .....	2	—	2	—	—	—
<b>Totals</b> .....	<b>20,820</b>	<b>—</b>	<b>20,820</b>	<b>21,178</b>	<b>—</b>	<b>21,178</b>
<b>Wetaskiwin District:</b>						
Blue Bird Coal Co., Leduc .....	2,784	—	2,784	2,575	—	2,575
<b>Totals</b> .....	<b>2,784</b>	<b>—</b>	<b>2,784</b>	<b>2,575</b>	<b>—</b>	<b>2,575</b>
<b>Totals, sub-bituminous</b> .....	<b>1,074,515</b>	<b>422,656</b>	<b>1,497,171</b>	<b>1,298,693</b>	<b>355,600</b>	<b>1,654,293</b>
<b>Totals, Alberta</b> .....	<b>1,074,515</b>	<b>1,012,795</b>	<b>2,087,310</b>	<b>1,326,967</b>	<b>960,976</b>	<b>2,289,943</b>

<sup>1</sup> Operating as Sissons Mine.<sup>2</sup> Operating as Conger Mine.

TABLE 104. Total Disposition of Coal by Alberta Mines, by Grades, 1963

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	
							Quantity	Value
							short tons	\$
Shipped as per Table 116.....	220,496	445,053	130,370	344,934	632,545	499,315	2,272,713	9,709,747
Used under colliery boilers, etc. ....	2,843	1,117	15	447	—	10	4,432	28,165
Used by companies' railroads .....	120	—	—	—	—	—	120	867
Used in making coke at colliery .....	—	—	—	—	—	843	843	1,897
Used in making briquettes .....	9,920	—	—	—	—	25,093	35,013	252,954
Put on bank .....	46,057	19,759	4,184	5,726	15,222	61,304	152,252	1,032,997
Put on waste heap .....	—	—	—	—	176	7,693	7,869	—
<b>Total disposition .....</b>	<b>279,436</b>	<b>465,929</b>	<b>134,569</b>	<b>351,107</b>	<b>647,943</b>	<b>594,258</b>	<b>2,473,242</b>	<b>11,026,627</b>
Less—Lifted from bank .....	23,903	21,075	1,285	9,178	12,956	103,655	172,052	1,095,087
Lifted from waste heap .....	4,562	—	—	—	—	6,685	11,247	66,650
<b>Total output .....</b>	<b>250,971</b>	<b>444,854</b>	<b>133,284</b>	<b>341,929</b>	<b>634,987</b>	<b>483,918</b>	<b>2,289,943</b>	<b>9,864,890</b>

TABLE 105. Disposition of Bituminous Coal by Alberta Mines, by Grades, 1963

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	
							Quantity	Value
							short tons	\$
Shipped as per Table 117.....	5,543	37,270	1,629	50,895	273,680	262,496	631,513	4,389,750
Used under colliery boilers, etc. ....	2,788	1,117	15	9	—	—	3,929	26,908
Used by companies' railroads .....	120	—	—	—	—	—	120	867
Used in making coke at colliery .....	—	—	—	—	—	843	843	1,897
Used in making briquettes .....	9,920	—	—	—	—	25,093	35,013	252,954
Put on bank .....	46,057	1,150	—	1,042	15,222	55,235	118,706	793,574
Put on waste heap .....	—	—	—	—	—	—	—	—
<b>Total disposition .....</b>	<b>64,428</b>	<b>39,537</b>	<b>1,644</b>	<b>51,946</b>	<b>288,902</b>	<b>343,667</b>	<b>790,124</b>	<b>5,465,950</b>
Less—Lifted from bank .....	23,903	4,813	41	5,967	12,956	97,849	145,529	897,547
Lifted from waste heap .....	4,562	—	—	—	—	4,383	8,945	64,578
<b>Total output .....</b>	<b>35,963</b>	<b>34,724</b>	<b>1,603</b>	<b>45,979</b>	<b>275,946</b>	<b>241,435</b>	<b>635,650</b>	<b>4,503,825</b>

TABLE 106. Disposition of Sub-bituminous Coal by Alberta Mines, by Grades, 1963

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	
							Quantity	Value
							short tons	\$
Shipped as per Table 118.....	214,953	407,783	128,741	294,039	358,865	236,819	1,641,200	5,319,997
Used under colliery boilers, etc. ....	55	—	—	438	—	10	503	1,257
Used by companies' railroads .....	—	—	—	—	—	—	—	—
Used in making coke at colliery .....	—	—	—	—	—	—	—	—
Used in making briquettes .....	—	—	—	—	—	—	—	—
Put on bank .....	—	18,609	4,184	4,684	—	6,069	33,546	239,423
Put on waste heap .....	—	—	—	—	176	7,693	7,869	—
<b>Total disposition .....</b>	<b>215,008</b>	<b>426,392</b>	<b>132,925</b>	<b>299,161</b>	<b>359,041</b>	<b>250,591</b>	<b>1,683,118</b>	<b>5,560,677</b>
Less—Lifted from bank .....	—	16,262	1,244	3,211	—	5,806	26,523	197,540
Lifted from waste heap .....	—	—	—	—	—	2,302	2,302	2,072
<b>Total output .....</b>	<b>215,008</b>	<b>410,130</b>	<b>131,661</b>	<b>295,950</b>	<b>359,041</b>	<b>242,483</b>	<b>1,654,293</b>	<b>5,361,065</b>

TABLE 107. Shipments of Coal from Alberta Mines, by Grades and Destination, 1963

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
short tons							
Shipped to railroads for own consumption:							
In Canada .....	590	9,136	1,090	5,108	—	190	16,114
Alberta:							
(a) Shipments to industrial consumers .....	88,124	4,711	207	3,189	343,360	150,849	590,440
(b) Shipments to dealers for resale .....	—	48,629	11,516	19,156	—	14,980	94,281
(c) Sales direct to domestic consumers, (except to employees) .....	7,718	159,278	61,360	120,677	6,165	30,091	365,289
(d) To employees .....	—	1,079	261	2,002	10	131	3,483
British Columbia .....	—	69,577	8,480	71,787	18,024	94,565	262,433
Saskatchewan .....	119,657	98,342	41,162	25,871	1,358	57,244	343,634
Manitoba .....	205	45,912	5,126	79,608	620	—	131,471
Ontario .....	—	8,271	1,168	16,621	3,249	—	29,309
Quebec .....	—	118	—	—	—	—	116
United States .....	4,202	—	—	915	118	348	5,583
Japan .....	—	—	—	—	259,641	150,917	410,558
<b>Totals .....</b>	<b>220,496</b>	<b>445,053</b>	<b>130,370</b>	<b>344,934</b>	<b>632,545</b>	<b>499,315</b>	<b>2,272,713</b>

TABLE 108. Shipments of Bituminous Coal from Alberta Mines, by Grades and Destination, 1963

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
short tons							
Shipped to railroads for own consumption:							
In Canada .....	590	—	—	81	—	—	671
Alberta:							
(a) Shipments to industrial consumers .....	—	80	—	802	—	11,683	12,565
(b) Shipments to dealers for resale .....	—	3,752	—	417	—	4,972	9,141
(c) Sales direct to domestic consumers, (except to employees) .....	546	9,357	1	3,997	17	130	14,048
(d) To employees .....	—	569	—	1,023	—	—	1,592
British Columbia .....	—	17,353	1,050	26,190	10,035	94,446	149,074
Saskatchewan .....	—	3,194	—	72	—	—	3,266
Manitoba .....	205	134	—	1,143	620	—	2,102
Ontario .....	—	2,831	576	16,512	3,249	—	23,170
United States .....	4,202	—	—	658	118	348	5,326
Japan .....	—	—	—	—	259,641	150,917	410,558
<b>Totals .....</b>	<b>5,543</b>	<b>37,270</b>	<b>1,629</b>	<b>50,895</b>	<b>273,680</b>	<b>262,496</b>	<b>631,513</b>

TABLE 109. Shipments of Sub-bituminous Coal from Alberta Mines, by Grades and Destination, 1963

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total
short tons							
Shipped to railroads for own consumption:							
In Canada .....	—	9,136	1,090	5,027	—	190	15,443
Alberta:							
(a) Shipments to industrial consumers .....	68,124	4,631	207	2,387	343,360	139,166	577,875
(b) Shipments to dealers for resale .....	—	44,877	11,516	16,739	—	10,008	85,140
(c) Sales direct to domestic consumers, (except to employees) .....	7,172	149,921	61,359	116,680	6,148	29,961	371,241
(d) To employees .....	—	510	261	979	10	131	1,881
British Columbia .....	—	52,224	7,430	45,597	7,989	119	113,359
Saskatchewan .....	119,657	95,148	41,162	25,799	1,358	57,244	340,368
Manitoba .....	—	45,778	5,126	76,465	—	—	129,369
Ontario .....	—	5,440	590	109	—	—	6,139
Quebec .....	—	118	—	—	—	—	116
United States .....	—	—	—	257	—	—	257
Japan .....	—	—	—	—	—	—	—
<b>Totals .....</b>	<b>214,853</b>	<b>407,783</b>	<b>128,741</b>	<b>294,039</b>	<b>358,865</b>	<b>236,819</b>	<b>1,641,200</b>

TABLE 110. Sales and Stocks of Coal and Coke by Retail Fuel Dealers in Alberta, 1962 and 1963

Kind	Sales		Stocks	
	1962	1963	December 31, 1962	December 31, 1963
	short tons			
<b>Anthracite:</b>				
United States .....	—	21	—	11
<b>Bituminous:</b>				
Canadian:				
Bituminous .....	564	424	217	132
Domestic and lignite .....	119,737	106,101	7,221	7,302
Briquettes .....	22	12	14	1
Miscellaneous .....	6,469	5,119	561	304
<b>Coke:</b>				
From coal .....	54	88	6	43
<b>Total coal and coke .....</b>	<b>126,846</b>	<b>111,763</b>	<b>8,019</b>	<b>7,793</b>

TABLE 111. Consumption of Coal and Coke by Industrial Consumers<sup>1</sup> in Alberta, 1962 and 1963

Kind	1962	1963
		short tons
<b>Bituminous:</b>		
Canadian:		
Bituminous .....	4,360	950
Domestic and lignite .....	220,811	580,996
<b>Coke:</b>		
From coal .....	7,859	5,207
<b>Total coal and coke .....</b>	<b>233,030</b>	<b>587,153</b>

<sup>1</sup> Does not include firms using less than 500 tons of coal per annum nor coal "charged to ovens" to make coke (see page 24, Table 30).

TABLE 112. Summary of Coal Statistics for Alberta in 1963 — Output, Exports, Interprovincial Shipments, Landed Imports and Coal available for Consumption, by Months and Kinds

Month	Canadian coal				Imported from U.S.A.	Available for consumption
	Output	Received from other provinces	Mine shipments			
			To other provinces	For export		
	short tons					
<b>January:</b>						
Bituminous .....	60,680	85	21,391	28,567	—	10,807
Sub-bituminous .....	285,714	—	96,957	103	—	188,654
<b>Totals .....</b>	<b>346,394</b>	<b>85</b>	<b>118,348</b>	<b>28,670</b>	<b>—</b>	<b>199,461</b>
<b>February:</b>						
Bituminous .....	54,574	138	14,161	36,125	—	4,426
Sub-bituminous .....	193,112	—	54,776	—	—	138,336
<b>Totals .....</b>	<b>247,686</b>	<b>138</b>	<b>68,937</b>	<b>36,125</b>	<b>—</b>	<b>142,762</b>

**TABLE 112. Summary of Coal Statistics for Alberta in 1963 - Output, Exports, Interprovincial Shipments, Landed Imports and Coal available for Consumption, by Months and Kinds - Concluded**

Month	Canadian coal				Imported from U.S.A.	Available for consumption
	Output	Received from other provinces	Mine shipments			
			To other provinces	For export		
	short tons					
March:						
Bituminous .....	32,422	46	13,785	20,621	-	- 1,938
Sub-bituminous .....	115,285	-	27,148	-	-	88,137
<b>Totals .....</b>	<b>147,707</b>	<b>46</b>	<b>40,933</b>	<b>20,621</b>	-	<b>86,199</b>
April:						
Bituminous .....	38,839	-	13,821	18,510	-	6,508
Sub-bituminous .....	104,795	-	17,197	51	-	87,547
<b>Totals .....</b>	<b>143,634</b>	-	<b>31,018</b>	<b>18,561</b>	-	<b>94,055</b>
May:						
Bituminous .....	42,730	46	12,781	22,248	-	7,747
Sub-bituminous .....	91,256	-	16,614	-	-	74,642
<b>Totals .....</b>	<b>133,986</b>	<b>46</b>	<b>29,395</b>	<b>22,248</b>	-	<b>82,389</b>
June:						
Bituminous .....	49,342	-	13,428	35,136	-	776
Sub-bituminous .....	43,504	-	12,959	-	-	30,545
<b>Totals .....</b>	<b>92,846</b>	-	<b>26,387</b>	<b>35,136</b>	-	<b>31,323</b>
July:						
Bituminous .....	27,203	45	10,534	16,314	-	400
Sub-bituminous .....	15,457	-	1,304	-	-	14,153
<b>Totals .....</b>	<b>42,660</b>	<b>45</b>	<b>11,838</b>	<b>16,314</b>	-	<b>14,553</b>
August:						
Bituminous .....	55,555	-	11,681	48,213	-	- 4,339
Sub-bituminous .....	37,619	-	13,337	-	-	24,282
<b>Totals .....</b>	<b>93,174</b>	-	<b>25,018</b>	<b>48,213</b>	-	<b>19,943</b>
September:						
Bituminous .....	74,093	-	12,465	57,933	-	3,695
Sub-bituminous .....	90,082	-	49,653	-	-	40,429
<b>Totals .....</b>	<b>164,175</b>	-	<b>62,118</b>	<b>57,933</b>	-	<b>44,124</b>
October:						
Bituminous .....	71,140	86	16,657	51,225	-	3,344
Sub-bituminous .....	171,795	-	93,092	52	-	78,651
<b>Totals .....</b>	<b>242,935</b>	<b>86</b>	<b>109,749</b>	<b>51,277</b>	-	<b>81,995</b>
November:						
Bituminous .....	68,779	44	18,803	35,640	-	14,380
Sub-bituminous .....	238,509	-	105,197	-	-	133,312
<b>Totals .....</b>	<b>307,288</b>	<b>44</b>	<b>124,000</b>	<b>35,640</b>	-	<b>147,692</b>
December:						
Bituminous .....	60,293	99	16,105	45,352	-	- 3,065
Sub-bituminous .....	267,165	-	101,119	51	-	165,995
<b>Totals .....</b>	<b>327,458</b>	<b>99</b>	<b>119,224</b>	<b>45,403</b>	-	<b>162,930</b>
<b>Totals:</b>						
Bituminous .....	<b>635,650</b>	<b>589</b>	<b>177,612</b>	<b>415,884</b>	-	<b>42,743</b>
Sub-bituminous .....	<b>1,654,293</b>	-	<b>589,353</b>	<b>257</b>	-	<b>1,064,683</b>
<b>Totals .....</b>	<b>2,289,943</b>	<b>589</b>	<b>766,965</b>	<b>416,141</b>	-	<b>1,107,426</b>

TABLE 113. Employees, Salaries and Wages, at the Coal Mines of Alberta, by Districts, 1962 and 1963

District	Average number of employees			Salaries and wages			
	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
		Surface	Under-ground				
1962							
<b>Bituminous</b>							
Cascade .....	35	70	129	234	127,552	917,252	1,044,804
Coalspur .....	—	4	6	10	—	23,138	23,138
Crowsnest .....	36	111	179	326	254,797	1,114,885	1,369,682
Lethbridge.....	17	25	68	110	38,580	294,167	332,747
<b>Totals, bituminous.....</b>	<b>88</b>	<b>210</b>	<b>382</b>	<b>680</b>	<b>420,929</b>	<b>2,349,442</b>	<b>2,770,371</b>
<b>Sub-bituminous:</b>							
Ardley .....	2	11	—	13	—	29,153	29,153
Brooks .....	5	4	—	9	8,400	16,490	24,890
Camrose.....	2	11	—	13	16,700	27,300	44,000
Carbon .....	3	4	12	19	3,180	31,860	35,040
Castor .....	10	79	2	91	41,014	390,943	431,957
Champion.....	3	1	7	11	6,350	16,566	22,916
Drumheller.....	19	70	152	241	115,751	768,367	884,118
Edmonton.....	17	19	55	91	27,392	242,624	270,016
Gleichen .....	2	—	3	5	—	9,628	9,628
Pembina.....	6	42	—	48	40,491	205,123	245,614
Redcliff.....	1	1	2	4	3,000	8,894	11,894
Sheerness .....	9	20	—	29	16,037	136,183	152,220
Taber.....	7	17	—	24	36,140	70,447	106,587
Toffield.....	2	4	—	6	6,400	17,828	24,228
Westlock .....	2	5	—	7	4,000	12,500	16,500
Wetaskiwin .....	—	1	—	1	—	4,000	4,000
<b>Totals, sub-bituminous .....</b>	<b>90</b>	<b>289</b>	<b>233</b>	<b>612</b>	<b>324,855</b>	<b>1,987,906</b>	<b>2,312,761</b>
<b>Totals, Alberta.....</b>	<b>178</b>	<b>499</b>	<b>615</b>	<b>1,292</b>	<b>752,284</b>	<b>4,330,848</b>	<b>5,083,132</b>
1963							
<b>Bituminous:</b>							
Cascade.....	34	63	126	223	132,756	952,804	1,085,580
Coalspur .....	—	2	8	10	—	18,000	18,000
Crowsnest .....	41	94	153	288	204,607	1,188,688	1,393,295
Haicourt.....	—	1	—	1	—	—	—
Lethbridge.....	16	23	66	105	31,892	258,585	290,477
<b>Totals, bituminous.....</b>	<b>91</b>	<b>183</b>	<b>353</b>	<b>627</b>	<b>369,255</b>	<b>2,418,077</b>	<b>2,787,332</b>
<b>Sub-bituminous:</b>							
Ardley .....	1	11	—	12	6,259	12,643	18,902
Brooks .....	1	5	—	6	8,799	18,544	27,343
Camrose.....	2	7	—	9	8,460	22,429	30,889
Carbon .....	3	5	8	16	2,500	26,004	28,504
Castor .....	10	70	—	80	26,292	354,021	380,313
Champion.....	2	1	6	9	1,600	17,247	18,847
Drumheller.....	16	60	116	192	50,140	542,737	592,877
Edmonton.....	14	14	49	77	29,483	198,297	227,780
Gleichen .....	—	—	3	3	—	4,875	4,875
Pembina.....	7	53	—	60	41,300	228,093	269,393
Redcliff.....	1	1	2	4	3,000	7,321	10,321
Sheerness .....	8	19	—	27	17,275	102,544	119,819
Taber.....	6	14	—	20	27,212	57,789	85,001
Toffield.....	2	4	—	6	4,800	14,034	18,834
Westlock .....	2	8	—	10	4,000	12,500	16,500
Wetaskiwin .....	—	1	—	1	—	4,000	4,000
<b>Totals, sub-bituminous .....</b>	<b>74</b>	<b>273</b>	<b>184</b>	<b>531</b>	<b>231,120</b>	<b>1,623,078</b>	<b>1,854,198</b>
<b>Totals, Alberta.....</b>	<b>166</b>	<b>456</b>	<b>537</b>	<b>1,159</b>	<b>600,375</b>	<b>4,041,155</b>	<b>4,641,530</b>

TABLE 114. Employment at Coal Mines in Alberta, 1962 and 1963

	1962			1963		
	Shaft mines	Strip mines	Total	Shaft mines	Strip mines	Total
Average number of employees:						
Surface .....	371	254	625	320	254	574
Underground .....	667	—	667	584	—	584
<b>Totals .....</b>	<b>1,038</b>	<b>254</b>	<b>1,292</b>	<b>904</b>	<b>254</b>	<b>1,158</b>
Man-days worked:						
Surface .....	84,369	66,971	151,340	75,820	62,228	138,048
Underground .....	128,559	—	128,559	117,541	—	117,541
<b>Totals .....</b>	<b>212,928</b>	<b>66,971</b>	<b>279,899</b>	<b>193,361</b>	<b>62,228</b>	<b>255,589</b>
Average number of man-days worked during year:						
By surface employees .....	227	264	242	237	245	240
By underground employees .....	193	—	193	201	—	201
<b>By all employees .....</b>	<b>205</b>	<b>264</b>	<b>217</b>	<b>214</b>	<b>245</b>	<b>221</b>

TABLE 115. Employment and Man-days Worked, by Months, at Coal Mines in Alberta, in 1962 and 1963

	Number of employees			Man-days worked		
	Surface	Underground	Total	Surface	Underground	Total
1962						
January .....	713	810	1,523	16,000	14,934	30,934
February .....	685	784	1,469	13,403	11,655	25,058
March .....	638	633	1,271	13,448	11,812	25,260
April .....	548	580	1,128	8,989	6,814	15,803
May .....	517	570	1,087	10,835	9,836	20,671
June .....	543	565	1,108	11,005	10,126	21,131
July .....	546	474	1,020	8,899	4,096	12,995
August .....	585	612	1,197	11,546	10,396	21,942
September .....	644	705	1,349	12,345	10,346	22,691
October .....	686	754	1,440	15,864	14,481	30,345
November .....	697	767	1,464	15,201	12,887	28,088
December .....	699	745	1,444	13,805	11,176	24,981
<b>Totals .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>151,340</b>	<b>128,559</b>	<b>279,899</b>
1963						
January .....	701	733	1,434	16,011	14,120	30,131
February .....	695	694	1,389	13,321	10,019	23,340
March .....	641	593	1,234	11,097	7,090	18,187
April .....	517	536	1,053	9,480	7,271	16,751
May .....	482	495	977	9,307	8,429	17,736
June .....	485	499	984	8,639	7,937	16,576
July .....	460	399	859	6,748	4,831	11,579
August .....	502	520	1,022	9,236	8,886	18,122
September .....	550	591	1,141	11,055	10,894	21,949
October .....	584	628	1,212	13,714	12,670	26,384
November .....	635	663	1,298	14,681	12,903	27,584
December .....	655	650	1,305	14,759	12,491	27,250
<b>Totals .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>138,048</b>	<b>117,541</b>	<b>255,589</b>

TABLE 116. Number of Man-days Work Done in the Coal Mines of Alberta, by Districts, 1962 and 1963

District	1962			1963		
	Surface	Under-ground	Total	Surface	Under-ground	Total
<b>Bituminous:</b>						
Cascade .....	20,048	33,596	53,644	20,113	33,856	53,969
Coalspur .....	660	1,447	2,107	315	1,258	1,573
Crowsnest .....	30,558	35,356	65,914	30,890	38,811	69,701
Halcourt .....	—	—	—	56	—	56
Lethbridge .....	9,183	11,480	20,663	8,300	9,316	17,616
<b>Totals, bituminous .....</b>	<b>60,449</b>	<b>81,879</b>	<b>142,328</b>	<b>59,674</b>	<b>83,241</b>	<b>142,915</b>
<b>Sub-bituminous:</b>						
Ardley .....	3,494	—	3,494	3,101	—	3,101
Brooks .....	2,123	—	2,123	1,549	—	1,549
Camrose .....	3,262	—	3,262	2,347	—	2,347
Carbon .....	1,380	2,340	3,720	1,102	1,551	2,653
Castor .....	24,414	391	24,805	19,816	243	20,059
Champion .....	181	2,030	2,211	168	1,573	1,741
Drumheller .....	18,503	26,220	44,723	14,641	18,279	32,920
Edmonton .....	6,677	13,900	20,577	5,482	11,539	17,021
Gleichen .....	140	1,015	1,155	—	508	508
Pembina .....	12,893	—	12,893	14,705	—	14,705
Redcliff .....	172	784	956	160	607	767
Sheerness .....	7,848	—	7,848	6,472	—	6,472
Taber .....	5,997	—	5,997	4,397	—	4,397
Tofield .....	1,720	—	1,720	1,674	—	1,674
Westlock .....	1,776	—	1,776	2,514	—	2,514
Wetaskiwin .....	311	—	311	246	—	246
Whitecourt .....	—	—	—	—	—	—
<b>Totals, sub-bituminous .....</b>	<b>90,891</b>	<b>46,680</b>	<b>137,571</b>	<b>78,374</b>	<b>34,300</b>	<b>112,674</b>
<b>Totals, Alberta .....</b>	<b>151,340</b>	<b>128,559</b>	<b>279,899</b>	<b>138,048</b>	<b>117,541</b>	<b>255,589</b>

TABLE 117. Employment of Coal Mines in Alberta, by Classes, 1962 and 1963

Classification	1962			1963		
	Surface	Under-ground	Total	Surface	Under-ground	Total
	number					
<b>Underground mining</b>						
Salaried employees:						
Mine manager, underground manager, overmen, pit bosses, fire bosses, foremen, etc. ....	43	52	95	31	47	78
Administrative and office staff .....	33	—	33	45	—	45
<b>Total salaried employees .....</b>	<b>76</b>	<b>52</b>	<b>128</b>	<b>76</b>	<b>47</b>	<b>123</b>
Wage-earners:						
Foremen and other officials on wages .....	5	31	36	5	29	34
Miners; all men on hand and mechanical production .....	—	360	360	—	309	309
Maintenance; timbermen, timberpackers, drainage, road-makers, ventilation, brushers, mechanics, etc. ....	23	90	113	22	76	98
Transportation; drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen .....	40	110	150	45	92	137
Tipple, preparation and shipping .....	89	—	89	71	—	71
Powerhouse, boilers and shops .....	44	—	44	33	—	33
Miscellaneous .....	94	24	118	68	31	99
<b>Total wage-earners .....</b>	<b>295</b>	<b>615</b>	<b>910</b>	<b>244</b>	<b>537</b>	<b>781</b>
<b>Strip mining</b>						
(Includes employees of contractors)						
Salaried employees .....	50	—	50	42	—	42
Wage-earners:						
Foremen and other officials on wages .....	16	—	16	22	—	22
Tipple, preparation and shipping .....	64	—	64	62	—	62
Powerhouse, boilers and shops .....	10	—	10	7	—	7
Miscellaneous .....	114	—	114	121	—	121
<b>Total wage-earners .....</b>	<b>204</b>	<b>—</b>	<b>204</b>	<b>212</b>	<b>—</b>	<b>212</b>
<b>Total employment</b>						
Total salaried employees .....	126	52	176	118	47	165
Total wage-earners .....	499	615	1,114	456	537	993
<b>Totals .....</b>	<b>625</b>	<b>667</b>	<b>1,292</b>	<b>574</b>	<b>584</b>	<b>1,158</b>

## SECTION XI

### BRITISH COLUMBIA

TABLE 118. Output of Coal from British Columbia Mines, 1954 - 63

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1954 .....	1,299,510	7,927,268	1959 .....	751,492	5,237,724
1955 .....	1,453,881	8,675,715	1960 .....	843,868	5,584,017
1956 .....	1,472,519	8,722,856	1961 .....	964,663	6,453,373
1957 .....	1,113,699	7,280,024	1962 .....	913,196	6,056,263
1958 .....	849,091	5,750,871	1963 .....	962,684	6,128,805

TABLE 119. Output of Coal from British Columbia Mines, by Months, 1960 - 63

Month	1960	1961	1962	1963
	short tons			
January .....	68,864	80,481	94,875	74,495
February .....	80,001	77,715	88,423	83,359
March .....	79,713	86,067	89,861	77,400
April .....	65,211	77,084	81,657	66,080
May .....	70,774	74,679	72,113	73,363
June .....	77,321	78,408	81,324	64,328
July .....	70,929	86,806	45,904	84,232
August .....	48,884	57,370	69,907	81,101
September .....	75,557	80,645	50,853	88,604
October .....	68,073	93,421	91,395	91,059
November .....	73,798	101,378	75,393	92,458
December .....	64,743	70,609	71,491	86,207
<b>Totals .....</b>	<b>843,868</b>	<b>964,663</b>	<b>913,196</b>	<b>962,684</b>

TABLE 120. Output of Coal by Principal Collieries in British Columbia, 1961 - 63

Name and address	1961	1962	1963
	short tons		
<b>Crow's Nest Pass District:</b>			
Crow's Nest Pass Coal Co. Ltd., Fernie .....	878,063	823,786	882,803
<b>Totals .....</b>	<b>878,063</b>	<b>823,786</b>	<b>882,803</b>
<b>Inland District:</b>			
Bulkley Valley Collieries Ltd., Telkwa .....	6,150	6,915	3,145
Coldwater Coal Mine, Merritt .....	134	82	60
Gething King, Hudson Hope .....	1,599	764	1,138
All other operators .....	346	—	—
<b>Totals .....</b>	<b>8,229</b>	<b>7,781</b>	<b>4,343</b>
<b>Island District:</b>			
Gomox Mining Co. Ltd., Union Bay .....	75,324	78,706	73,737
All other operators .....	3,047	2,923	1,801
<b>Totals .....</b>	<b>78,371</b>	<b>81,629</b>	<b>75,538</b>
<b>Total British Columbia .....</b>	<b>964,663</b>	<b>913,196</b>	<b>962,684</b>

TABLE 121. Disposition of Coal from British Columbia Mines, by Grades, 1963

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total coal	
							Quantity	Value
							short tons	\$
Shipped as per Table 132.....	10,793	13,455	1,707	54,130	34	558,162	638,281	4,845,112
Used under colliery boilers, etc. ....	—	—	—	—	—	17,090	17,090	111,085
Used by companies' railroads .....	—	—	—	—	—	—	—	—
Used in making coke at colliery .....	—	—	—	—	—	191,879	191,879	1,247,214
Used in making briquettes .....	—	—	—	—	—	—	—	—
Put on bank .....	2,591	502	—	—	—	57,003	60,096	403,730
Put on waste heap.....	1,830	—	—	10	—	132,814	134,654	—
<b>Total disposition .....</b>	<b>15,214</b>	<b>13,957</b>	<b>1,707</b>	<b>54,140</b>	<b>34</b>	<b>956,948</b>	<b>1,042,000</b>	<b>6,607,141</b>
Less—Lifted from bank .....	340	436	—	2,034	—	76,221	79,031	476,413
Lifted from waste heap .....	72	—	—	—	—	213	285	1,923
<b>Total output.....</b>	<b>14,802</b>	<b>13,521</b>	<b>1,707</b>	<b>52,106</b>	<b>34</b>	<b>880,514</b>	<b>962,684</b>	<b>6,128,805</b>

TABLE 122. Shipments of Coal from British Columbia Mines, by Grades and Destination, 1963

Destination	Run of mine	Lump, cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total coal
							short tons
Shipped to railroads for own consumption:							
In Canada .....	349	303	159	79	—	519	1,409
British Columbia:							
(a) Shipments to industrial consumers ....	—	1,482	570	29,227	—	30,339	61,618
(b) Shipments to dealers for resale .....	793	5,957	597	16,891	28	103	24,369
(c) Sales direct to domestic consumers, (except to employees) .....	744	3,708	241	1,890	6	52	6,641
(d) To employees .....	6,745	777	5	9	—	—	7,536
Alberta.....	—	119	135	335	—	—	589
Saskatchewan .....	45	171	—	63	—	—	279
Manitoba .....	2,117	938	—	2,445	—	139,755	145,255
Ontario.....	—	—	—	1,392	—	20,064	21,456
United States .....	—	—	—	1,799	—	—	1,799
Japan .....	—	—	—	—	—	367,330	367,330
<b>Totals .....</b>	<b>10,793</b>	<b>13,455</b>	<b>1,707</b>	<b>54,130</b>	<b>34</b>	<b>558,162</b>	<b>638,281</b>

TABLE 123. Imported Coal<sup>1</sup> "Landed" in British Columbia, 1962 and 1963

Source	1962			1963		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
short tons						
United States .....	110	40	150	219	247	466
Great Britain.....	—	—	—	—	—	—
<b>Totals .....</b>	<b>110</b>	<b>40</b>	<b>150</b>	<b>219</b>	<b>247</b>	<b>466</b>

<sup>1</sup> The total tonnage of foreign coal received at British Columbia ports of entry. See page 3, Section 2, for explanation.

TABLE 124. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers in British Columbia, 1962 and 1963

Kind	Sales		Stocks	
	1962	1963	December 31, 1962	December 31, 1963
	short tons			
<b>Bituminous:</b>				
United States:				
Low volatile:				
Other sizes .....	—	—	—	—
High volatile:				
Slack .....	—	—	—	—
Stoker .....	755	612	61	37
Other sizes .....	193	151	47	36
Miscellaneous .....	22,230	17,200	1,006	955
<b>Canadian:</b>				
Bituminous .....	47,712	39,958	4,182	2,381
Domestic and lignite .....	139,166	115,176	10,295	8,505
Briquettes .....	7,055	5,489	911	758
<b>Coke:</b>				
From coal .....	—	—	—	—
<b>Total coal and coke .....</b>	<b>217,111</b>	<b>178,586</b>	<b>16,502</b>	<b>12,672</b>

TABLE 125. Consumption of Coal and Coke, by Industrial Consumers<sup>1</sup> in British Columbia 1962 and 1963

Kind	1962	1963
	short tons	
<b>Anthracite .....</b>	<b>446</b>	<b>600</b>
<b>Bituminous:</b>		
United States:		
High volatile:		
Stoker .....	—	—
<b>Canadian:</b>		
Bituminous .....	139,724	147,085
Domestic and lignite .....	555	387
<b>Coke:</b>		
From coal .....	79,571	77,809
Petroleum .....	154,005	167,632
<b>Total coal and coke .....</b>	<b>374,301</b>	<b>393,513</b>

<sup>1</sup> Does not include firms using less than 500 tons of coal per annum.

TABLE 126. Summary of Coal Statistics for British Columbia in 1963 — Output, Exports, Interprovincial Shipments, Landed Imports and Coal made available for Consumption, by Months and by Kinds

Month	Canadian coal				Imported <sup>1</sup> from U.S.A.	Available for consumption
	Output	Received from other provinces	Mine shipments			
			To other provinces	For export		
	short tons					
<b>January:</b>						
Anthracite .....	—	—	—	—	9	9
Bituminous .....	74,495	16,029	15,669	27,817	—	47,038
Sub-bituminous .....	—	22,065	—	—	—	22,065
<b>Totals .....</b>	<b>74,495</b>	<b>38,094</b>	<b>15,669</b>	<b>27,817</b>	<b>9</b>	<b>69,112</b>
<b>February:</b>						
Anthracite .....	—	—	—	—	9	9
Bituminous .....	83,359	11,125	13,044	24,039	—	57,401
Sub-bituminous .....	—	10,024	—	—	—	10,024
<b>Totals .....</b>	<b>83,359</b>	<b>21,149</b>	<b>13,044</b>	<b>24,039</b>	<b>9</b>	<b>67,434</b>

<sup>1</sup> Briquettes are not included.

TABLE 126. Summary of Coal Statistics for British Columbia in 1963 - Output, Exports, Interprovincial Shipments, Landed Imports and Coal made available for Consumption, by Months and by Kinds - Concluded

Month	Canadian coal				Imported <sup>1</sup> from U.S.A.	Available for consumption
	Output	Received from other provinces	Mine shipments			
			To other provinces	For export		
short tons						
March:						
Anthracite .....	—	—	—	—	—	—
Bituminous .....	77,400	11,385	12,850	40,207	66	35,794
Sub-bituminous .....	—	6,363	—	—	—	6,363
<b>Totals</b> .....	<b>77,400</b>	<b>17,748</b>	<b>12,850</b>	<b>40,207</b>	<b>66</b>	<b>42,157</b>
April:						
Anthracite .....	—	—	—	—	23	23
Bituminous .....	66,080	12,560	13,993	—	17	64,664
Sub-bituminous .....	—	6,184	—	—	—	6,184
<b>Totals</b> .....	<b>66,080</b>	<b>18,744</b>	<b>13,993</b>	<b>—</b>	<b>40</b>	<b>70,871</b>
May:						
Anthracite .....	—	—	—	—	23	23
Bituminous .....	73,363	11,093	14,915	16,912	—	52,629
Sub-bituminous .....	—	5,102	—	—	—	5,102
<b>Totals</b> .....	<b>73,363</b>	<b>16,195</b>	<b>14,915</b>	<b>16,912</b>	<b>23</b>	<b>57,754</b>
June:						
Anthracite .....	—	—	—	—	62	62
Bituminous .....	64,326	12,533	12,647	26,199	—	38,013
Sub-bituminous .....	—	2,459	—	—	—	2,459
<b>Totals</b> .....	<b>64,326</b>	<b>14,992</b>	<b>12,647</b>	<b>26,199</b>	<b>62</b>	<b>40,534</b>
July:						
Anthracite .....	—	—	—	—	39	39
Bituminous .....	84,232	9,560	14,166	44,577	—	35,047
Sub-bituminous .....	—	631	—	—	—	631
<b>Totals</b> .....	<b>84,232</b>	<b>10,191</b>	<b>14,166</b>	<b>44,577</b>	<b>39</b>	<b>35,717</b>
August:						
Anthracite .....	—	—	—	—	8	8
Bituminous .....	81,101	10,833	14,162	33,079	—	44,693
Sub-bituminous .....	—	5,800	—	—	—	5,800
<b>Totals</b> .....	<b>81,101</b>	<b>16,633</b>	<b>14,162</b>	<b>33,079</b>	<b>8</b>	<b>50,501</b>
September:						
Anthracite .....	—	—	—	—	—	—
Bituminous .....	88,604	10,409	10,548	28,299	—	60,166
Sub-bituminous .....	—	7,801	—	—	—	7,801
<b>Totals</b> .....	<b>88,604</b>	<b>18,210</b>	<b>10,548</b>	<b>28,299</b>	<b>—</b>	<b>67,967</b>
October:						
Anthracite .....	—	—	—	—	—	—
Bituminous .....	91,059	13,807	12,265	61,925	—	30,676
Sub-bituminous .....	—	13,261	—	—	—	13,261
<b>Totals</b> .....	<b>91,059</b>	<b>27,068</b>	<b>12,265</b>	<b>61,925</b>	<b>—</b>	<b>43,937</b>
November:						
Anthracite .....	—	—	—	—	—	—
Bituminous .....	92,458	15,860	16,737	31,073	164	60,672
Sub-bituminous .....	—	18,327	—	—	—	18,327
<b>Totals</b> .....	<b>92,458</b>	<b>34,187</b>	<b>16,737</b>	<b>31,073</b>	<b>164</b>	<b>78,999</b>
December:						
Anthracite .....	—	—	—	—	46	46
Bituminous .....	86,207	13,880	16,581	35,002	—	48,504
Sub-bituminous .....	—	15,342	—	—	—	15,342
<b>Totals</b> .....	<b>86,207</b>	<b>29,222</b>	<b>16,581</b>	<b>35,002</b>	<b>46</b>	<b>63,892</b>
<b>Totals:</b>						
Anthracite .....	—	—	—	—	219	219
Bituminous .....	962,684	149,074	167,579	369,129	247	575,297
Sub-bituminous .....	—	113,359	—	—	—	113,359
<b>Totals</b> .....	<b>962,684</b>	<b>262,433</b>	<b>167,579</b>	<b>369,129</b>	<b>466</b>	<b>688,875</b>

<sup>1</sup> Briquettes are not included.

TABLE 127. Employees, Salaries and Wages in the Coal Mines of British Columbia, by Districts, 1962 and 1963

District	Average number of employees			Salaries and wages			
	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
		Surface	Underground				
1962							
Crow's Nest Pass .....	56	130	430	616	337,421	2,126,625	2,464,046
Inland .....	2	3	7	12	8,632	41,349	49,981
Island .....	6	20	90	116	28,200	439,517	467,717
<b>British Columbia .....</b>	<b>64</b>	<b>153</b>	<b>527</b>	<b>744</b>	<b>374,253</b>	<b>2,607,491</b>	<b>2,981,744</b>
1963							
Crow's Nest Pass .....	52	130	362	544	308,765	1,985,625	2,294,390
Inland .....	1	3	4	8	6,162	38,933	45,095
Island .....	7	20	78	105	25,000	406,249	431,249
<b>British Columbia .....</b>	<b>60</b>	<b>153</b>	<b>444</b>	<b>657</b>	<b>339,927</b>	<b>2,430,807</b>	<b>2,770,734</b>

TABLE 128. Employment and Man-days Worked in the Coal Mines of British Columbia, 1962 and 1963

	1962			1963		
	Shaft mines	Strip mines	Total	Shaft mines	Strip mines	Total
Average number of employees:						
Surface .....	169	13	182	165	19	184
Underground .....	562	—	562	473	—	473
<b>Totals .....</b>	<b>731</b>	<b>13</b>	<b>744</b>	<b>638</b>	<b>19</b>	<b>657</b>
Man-days worked:						
Surface .....	38,231	2,740	40,971	38,077	4,559	42,636
Underground .....	116,373	—	116,373	105,926	—	105,926
<b>Totals .....</b>	<b>154,604</b>	<b>2,740</b>	<b>157,344</b>	<b>144,003</b>	<b>4,559</b>	<b>148,562</b>
Average number of man-days worked during year:						
By surface employees .....	226	211	225	231	239	232
By underground employees .....	207	—	207	224	—	224
<b>By all employees .....</b>	<b>211</b>	<b>211</b>	<b>211</b>	<b>226</b>	<b>239</b>	<b>226</b>

TABLE 129. Employment and Man-days Worked, by Months, at Coal Mines in British Columbia, 1962 and 1963

Month	Number of employees			Man-days worked		
	Surface	Underground	Total	Surface	Underground	Total
1962						
January .....	174	684	838	3,923	13,504	17,427
February .....	174	659	833	3,589	12,160	15,749
March .....	172	638	810	3,852	12,795	16,647
April .....	172	593	765	3,311	11,399	14,710
May .....	187	572	759	3,635	9,266	12,901
June .....	188	538	726	3,572	9,540	13,112
July .....	187	504	691	2,463	5,966	8,429
August .....	189	504	693	3,276	7,698	10,974
September .....	188	523	711	2,711	6,202	8,913
October .....	190	519	709	3,678	9,777	13,455
November .....	189	517	706	3,575	9,133	12,708
December .....	176	515	693	3,386	8,933	12,319
<b>Totals .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>40,971</b>	<b>116,373</b>	<b>157,344</b>
1963						
January .....	179	510	689	3,692	10,003	13,695
February .....	180	516	696	3,727	9,989	13,716
March .....	178	503	681	3,549	9,400	12,949
April .....	176	496	672	3,054	7,706	10,760
May .....	165	439	604	3,152	8,122	11,274
June .....	163	429	592	2,752	7,720	10,472
July .....	171	467	638	3,213	8,183	11,396
August .....	202	473	675	3,537	8,278	11,815
September .....	204	456	660	3,755	8,165	11,920
October .....	201	443	644	4,099	9,176	13,275
November .....	196	473	669	4,135	9,895	14,030
December .....	193	473	666	3,971	9,289	13,260
<b>Totals .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>42,636</b>	<b>105,926</b>	<b>148,562</b>

TABLE 130. Number of Man-days Worked at Coal Mines in British Columbia, by Districts, 1962 and 1963

District	1962			1963		
	Surface	Under-ground	Total	Surface	Under-ground	Total
Crow's Nest Pass .....	33,705	94,435	128,140	35,742	87,122	122,864
Inland .....	1,274	653	1,927	620	688	1,508
Island .....	5,992	21,285	27,277	6,074	18,116	24,190
<b>Totals</b> .....	<b>40,971</b>	<b>116,373</b>	<b>157,344</b>	<b>42,636</b>	<b>105,926</b>	<b>148,552</b>

TABLE 131. Employment at Coal Mines in British Columbia, by Classes, 1962 and 1963

Classification	1962			1963		
	Surface	Under-ground	Total	Surface	Under-ground	Total
	number					
<b>Underground mining</b>						
<b>Salaried employees:</b>						
Mine manager, underground manager, overmen, pit bosses, fire bosses, foremen, etc. ....	14	35	49	17	29	46
Administrative and office staff .....	15	—	15	13	—	13
<b>Total salaried employees</b> .....	<b>29</b>	<b>35</b>	<b>64</b>	<b>30</b>	<b>29</b>	<b>59</b>
<b>Wage-earners:</b>						
Foremen and other officials on wages .....	6	15	21	6	13	19
Miners; all men on hand and mechanical production .....	—	265	265	—	223	223
Maintenance; timbermen, timber packers, drainage, road-makers, ventilation, brushers, mechanics, etc. ....	—	120	120	—	101	101
Transportation; drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen .....	1	125	126	—	105	105
Tipple, preparation and shipping .....	69	—	69	69	—	69
Powerhouse, boilers and shops .....	56	—	56	52	—	52
Miscellaneous .....	8	2	10	8	2	10
<b>Total wage-earners</b> .....	<b>140</b>	<b>527</b>	<b>667</b>	<b>135</b>	<b>444</b>	<b>579</b>
<b>Strip mining</b>						
(Includes employees of contractors)						
<b>Salaried employees</b> .....	—	—	—	1	—	1
<b>Wage-earners:</b>						
Foreman and other officials on wages .....	1	—	1	—	—	—
Tipple, preparation and shipping .....	7	—	7	7	—	7
Powerhouse, boilers and shops .....	—	—	—	—	—	—
Miscellaneous .....	5	—	5	11	—	11
<b>Total wage-earners</b> .....	<b>13</b>	<b>—</b>	<b>13</b>	<b>18</b>	<b>—</b>	<b>18</b>
<b>Total employment</b>						
<b>Total salaried employees</b> .....	<b>29</b>	<b>35</b>	<b>64</b>	<b>31</b>	<b>29</b>	<b>60</b>
<b>Total wage-earners</b> .....	<b>153</b>	<b>527</b>	<b>680</b>	<b>153</b>	<b>444</b>	<b>597</b>
<b>Totals</b> .....	<b>182</b>	<b>562</b>	<b>744</b>	<b>184</b>	<b>473</b>	<b>657</b>

## SECTION XII

### YUKON

TABLE 132. Output of Coal from Yukon Mines, 1952 - 63

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1952 .....	8,442	139,345	1958 .....	4,344	56,379
1953 .....	10,611	169,736	1959 .....	3,879	58,200
1954 .....	14,113	202,772	1960 .....	6,470	97,156
1955 .....	7,040	81,806	1961 .....	7,703	114,221
1956 .....	9,372	111,104	1962 .....	7,649	115,198
1957 .....	7,731	91,595	1963 .....	8,231	123,675

TABLE 133. Output of Coal from Yukon Mines, by Months, 1962 and 1963

Month	1962	1963
	short tons	
January .....	1,650	1,016
February .....	1,115	643
March .....	640	890
April .....	242	670
May .....	362	526
June .....	385	—
July .....	480	167
August .....	371	562
September .....	715	468
October .....	723	1,002
November .....	547	1,320
December .....	419	967
<b>Totals .....</b>	<b>7,649</b>	<b>8,231</b>

TABLE 134. Summary of Coal Statistics for Yukon Territory in 1963 — Output, Interprovincial Shipments, and Coal made available for Consumption, by Months and by Kinds

Month	Canadian coal (Bituminous)		Mine shipments to other provinces	Available for consumption
	Output	Received from other provinces		
	short tons			
January .....	1,016	—	—	1,016
February .....	643	—	—	643
March .....	890	—	—	890
April .....	670	—	—	670
May .....	526	—	—	526
June .....	—	—	—	—
July .....	167	—	—	167
August .....	562	—	—	562
September .....	468	—	—	468
October .....	1,002	—	—	1,002
November .....	1,320	—	—	1,320
December .....	967	—	—	967
<b>Totals .....</b>	<b>8,231</b>	<b>—</b>	<b>—</b>	<b>8,231</b>

TABLE 135. Disposition of Coal from Yukon Mines, by Grades, 1963

	Run of mine	Lump, cobble or egg	Prepared stoker	Nut-slack	Slack	Total	Value at mines
	short tons						\$
Shipped as per Table 147 .....	—	189	7,969	—	—	8,158	122,721
Put on bank .....	—	80	233	—	—	313	4,695
Put on waste heap .....	—	—	—	—	—	—	—
<b>Total disposition .....</b>	<b>—</b>	<b>269</b>	<b>8,202</b>	<b>—</b>	<b>—</b>	<b>8,471</b>	<b>127,416</b>
Lifted from bank .....	—	60	180	—	—	240	3,741
Lifted from waste heap .....	—	—	—	—	—	—	—
<b>Total output .....</b>	<b>—</b>	<b>269</b>	<b>8,022</b>	<b>—</b>	<b>—</b>	<b>8,231</b>	<b>123,675</b>

TABLE 136. Shipments of Coal from Yukon Mines, by Grades and Destination, 1963

Destination	Run of mine	Lump, cobble or egg	Prepared stoker	Nut-slack	Slack	Total
	short tons					
Yukon:						
Shipments to industrial consumers .....	-	47	7,969	-	-	8,016
Sales direct to domestic consumers (except to employees) .....	-	142	-	-	-	142
To employees .....	-	-	-	-	-	-
British Columbia .....	-	-	-	-	-	-
<b>Totals</b> .....	-	189	7,969	-	-	8,158

TABLE 137. Employees, Salaries and Wages in the Coal Mines of Yukon Territory, 1962 and 1963

	1962	1963
Number of salaried employees .....	1	1
Number of wage-earners:		
Surface .....	2	1
Underground .....	6	6
<b>Totals</b> .....	9	8
Salaries and wages:		
Salaries .....	\$ 6,748	7,160
Wages .....	\$ 43,929	34,300
<b>Totals</b> .....	\$ 50,677	41,460

TABLE 138. Employment and Man-days Worked in Yukon Coal Mines, 1962 and 1963

	1962	1963
Average number of employees:		
Surface .....	3	2
Underground .....	6	6
<b>Totals</b> .....	9	8
Man-days worked:		
Surface .....	1,013	637
Underground .....	2,104	1,804
<b>Totals</b> .....	3,117	2,441
Average number of man-days worked during year:		
By surface employees .....	338	218
By underground employees .....	350	301
<b>By all employees</b> .....	346	305

TABLE 139. Employment and Man-days Worked, by Months, at Yukon Coal Mines, 1962 and 1963

Month	Number of employees			Man-days worked		
	Surface	Under-ground	Total	Surface	Under-ground	Total
<b>1962</b>						
January .....	5	12	17	126	368	494
February .....	5	10	15	98	295	393
March .....	5	9	14	126	250	376
April .....	3	7	10	89	168	257
May .....	3	5	8	70	139	209
June .....	3	5	8	72	136	208
July .....	3	5	8	79	140	219
August .....	3	3	6	67	98	165
September .....	2	6	8	49	145	194
October .....	3	5	8	91	142	233
November .....	3	5	8	82	119	201
December .....	3	5	8	64	104	168
<b>Totals .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1,013</b>	<b>2,104</b>	<b>3,117</b>
<b>1963</b>						
January .....	2	6	8	56	159	215
February .....	2	6	8	60	135	195
March .....	2	7	9	49	161	210
April .....	3	6	9	66	162	228
May .....	3	8	11	42	171	213
June .....	1	4	5	30	75	105
July .....	2	5	7	47	118	165
August .....	2	7	9	59	141	200
September .....	3	6	9	54	147	201
October .....	2	6	8	46	183	229
November .....	3	7	10	73	170	243
December .....	3	7	10	55	182	237
<b>Totals .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>637</b>	<b>1,804</b>	<b>2,441</b>

TABLE 140. Employment at Yukon Coal Mines, by Classes, 1962 and 1963

Classification	1962			1963		
	Surface	Under-ground	Total	Surface	Under-ground	Total
<b>Underground mining</b>						
<b>Salaried employees:</b>						
Mine manager, underground manager, overmen, pit bosses, fire bosses, foremen, etc. ....	1	—	1	1	—	1
Administrative and office staff .....	—	—	—	—	—	—
<b>Total salaried employees .....</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>1</b>
<b>Wage-earners:</b>						
Foremen and other officials on wages .....	—	—	—	—	—	—
Miners; all men on hand and mechanical production .....	—	3	3	—	4	4
Maintenance; timbermen, timber packers, drainage, road-makers, ventilation, brushers, mechanics, etc. ....	—	1	1	—	1	1
Transportation; drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen .....	—	2	2	—	1	1
Tipple, preparation and shipping .....	1	—	1	—	—	—
Powerhouse, boilers and shops .....	1	—	1	1	—	1
Miscellaneous .....	—	—	—	—	—	—
<b>Total wage-earners .....</b>	<b>2</b>	<b>6</b>	<b>8</b>	<b>1</b>	<b>6</b>	<b>7</b>
<b>Grand totals .....</b>	<b>3</b>	<b>6</b>	<b>9</b>	<b>2</b>	<b>6</b>	<b>8</b>

## APPENDIX

**TABLE 141. Fuel and Electricity Used in the Coal Mining Industry in Canada, by Kinds and by Provinces, 1963**

	Nova Scotia		New Brunswick		Saskatchewan			
	Quantity	Value	Quantity	Value	Quantity	Value		
		\$		\$		\$		
Coal (tons):								
Bituminous .....	—	—	—	—	—	—		
Sub-bituminous .....	—	—	—	—	—	—		
Lignite .....	—	—	—	—	—	—		
Coke (tons) .....	166	3,818	—	—	—	—		
Gasoline (Imperial gallons) .....	62,653	17,405	236,703	84,396	60,927	17,404		
Fuel oil including diesel and kerosene (Imperial gallons) .....	536,382	82,043	1,035,064	193,484	167,099	28,171		
Liquefied petroleum gases (Imperial gallons) ..	—	—	2,427	1,070	240	78		
Other manufactured gas (M cu. ft.) .....	—	—	—	—	4,776	167		
Natural gas (M cu. ft.) .....	—	—	—	—	—	—		
Electricity purchased (kwh.) .....	118,834,950	1,772,794	22,549,156	444,322	6,676,880	128,951		
Wood (cord of 128 cubic feet of piled wood) ...	971	35,524	—	—	—	—		
<b>Total value</b> .....	—	<b>1,911,584</b>	—	<b>723,272</b>	—	<b>174,771</b>		
Electricity generated for own use (kwh.) .....	—	—	—	—	—	—		
	Alberta		British Columbia		Yukon		Canada	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$		\$
Coal (tons):								
Bituminous .....	—	—	—	—	—	—	—	—
Sub-bituminous .....	3,951	30,146	—	—	—	—	3,951	30,146
Lignite .....	—	—	—	—	—	—	—	—
Coke (tons) .....	—	—	—	—	—	—	166	3,818
Gasoline (Imperial gallons) .....	460,832	133,823	19,695	6,743	1,764	985	842,574	260,449
Fuel oil including diesel and kerosene (Imperial gallons) .....	609,757	113,755	28,507	6,059	7,580	2,577	2,384,389	426,157
Liquefied petroleum gases (Imperial gallons) ..	466	155	—	—	—	—	3,133	1,303
Other manufactured gas (M cu. ft.) .....	—	—	—	—	—	—	4,776	167
Natural gas (M cu. ft.) .....	—	—	—	—	—	—	—	—
Electricity purchased (kwh.) .....	24,335,264	323,735	26,776,718	279,291	8,846	826	199,181,814	2,949,921
Wood (cords of 128 cubic feet of piled wood) ..	434	22,934	53	360	—	—	1,458	58,818
<b>Total value</b> .....	—	<b>624,309</b>	—	<b>292,453</b>	—	<b>4,390</b>	—	<b>3,730,779</b>
Electricity generated for own use (kwh.) .....	514,680	—	864	—	17,696	—	533,240	—

TABLE 142. World Production of Bituminous Coal, Anthracite, and Lignite, 1958-62

Country	1958	1959	1960	1961	1962 <sup>1</sup>
thousand short tons <sup>2</sup>					
<b>North America:</b>					
Canada:					
Bituminous .....	9,434	8,679	8,840	8,189	8,028
Lignite .....	2,253	1,947	2,171	2,209	2,256
Greenland: Bituminous .....	35	29	31	35	29
Mexico: Bituminous .....	1,621	1,748	1,958	2,004	2,087
United States:					
Anthracite (Pennsylvania) .....	21,171	20,649	18,817	17,446	16,894
Bituminous .....	408,019	409,248	412,766	399,959	419,094
Lignite .....	2,427	2,780	2,746	3,018	3,055
<b>Totals</b> .....	<b>444,960</b>	<b>445,080</b>	<b>447,329</b>	<b>432,860</b>	<b>451,443</b>
<b>South America:</b>					
Argentina: Bituminous .....	288	348	309	379	349
Brazil: Bituminous (including lignite) .....	2,469	2,568	2,568	2,635	2,698
Chile: Bituminous (mined) .....	2,204	2,083	1,570	1,944	1,929
Colombia: Bituminous .....	2,690	2,756	2,866	3,086	3,307
Peru: Bituminous and anthracite .....	246	191	179	184	179
Venezuela: Bituminous .....	40	37	39	34	30
<b>Totals</b> .....	<b>7,937</b>	<b>7,983</b>	<b>7,531</b>	<b>8,262</b>	<b>8,492</b>
<b>Europe:</b>					
Albania: Lignite .....	282	317	320	336	330 <sup>3</sup>
Austria:					
Bituminous .....	155	148	146	117	109
Lignite .....	7,158	6,857	6,584	6,240	6,296
Belgium: Bituminous and anthracite .....	29,831	25,085	24,763	23,739	23,398
Bulgaria:					
Bituminous and anthracite .....	419	554	628	651	681
Lignite .....	13,614	16,377	18,273	19,890	22,236
Czechoslovakia:					
Bituminous .....	26,380	27,694	28,896	28,917	31,085
Lignite .....	62,653	59,198	64,378	71,984	76,280
Denmark: Lignite .....	2,695	2,540	2,545	2,384	2,232
France:					
Bituminous and anthracite .....	63,632	63,501	61,692	57,715	57,716
Lignite .....	2,555	2,398	2,512	3,203	3,177
Germany:					
Bituminous and anthracite:					
East .....	3,201	3,132	2,999	2,950	2,844
West (including Saar) .....	165,286	157,237	157,911	158,309	156,417
Lignite:					
East .....	236,962	236,776	248,532	260,586	272,491
West .....	103,052	102,991	105,974	107,140	111,610
Pech coal: West .....	2,013	2,022	2,021	1,943	1,942
Greece: Lignite .....	1,315	1,676	2,747	2,760	2,853
Hungary:					
Bituminous .....	2,895	3,014	3,138	3,385	3,685
Lignite .....	23,835	24,934	26,098	27,672	27,901
Ireland: Bituminous and anthracite .....	225	258	229	224	225
Italy:					
Bituminous and anthracite .....	798	815	812	817	763
Lignite .....	916	1,347	875	1,661	1,958
Netherlands:					
Bituminous and anthracite .....	13,095	13,203	13,777	13,912	12,757
Lignite .....	281	219	4	-	-
Poland:					
Bituminous .....	104,699	109,246	115,123	117,513	120,818
Lignite .....	8,313	10,205	10,281	11,396	12,226
Portugal:					
Anthracite .....	625	581	480	518	446
Lignite .....	172	175	172	174	169
Rumania:					
Bituminous and anthracite .....	331	331	331	331	419
Lignite .....	7,813	8,462	8,667	9,264	10,151
Spain:					
Bituminous and anthracite .....	15,922	14,926	15,193	15,207	13,962
Lignite .....	2,945	2,317	1,942	2,303	2,736
Svalbard (Spitsbergen): Bituminous:					
Controlled by Norway .....	317	278	445	407	469
Controlled by U.S.S.R. ....	425	505	529	439	440 <sup>3</sup>
Sweden: Bituminous .....	352	300	277	220	153
Switzerland: Bituminous and anthracite (including lignite) <sup>3</sup> .....	11	11	11	11	11
U.S.S.R.: <sup>4</sup>					
Bituminous and anthracite .....	389,148	402,586	413,284	415,592	421,082
Lignite .....	157,721	155,851	152,406	147,176	148,812
United Kingdom: Bituminous and anthracite .....	241,723	230,839	216,838	213,320	221,075
Yugoslavia:					
Bituminous .....	1,332	1,431	1,414	1,447	1,308
Lignite .....	19,597	21,836	23,623	25,089	25,912
<b>Totals<sup>4</sup></b> .....	<b>1,714,694</b>	<b>1,712,173</b>	<b>1,736,870</b>	<b>1,756,942</b>	<b>1,799,195</b>

See footnotes at end of table.

TABLE 142. World Production of Bituminous Coal, Anthracite, and Lignite, 1958-62 -- Concluded

Country	1958	1959	1960	1961	1962 <sup>1</sup>
	thousand short tons <sup>2</sup>				
<b>Asia:</b>					
Afghanistan: Bituminous .....	37	40	51	75	74 <sup>3</sup>
Burma: Bituminous .....	—	1	—	2	2
China: Bituminous, anthracite, and lignite .....	297,600	383,400	463,000	420,000 <sup>3</sup>	420,000 <sup>3</sup>
India:					
Bituminous .....	50,781	52,690	57,974	61,801	67,616
Lignite .....	8	36	52	71	231
Indonesia: Bituminous .....	665	703	725	606	519
Iran: Bituminous <sup>6</sup> .....	214	261	254	279	220
Japan:					
Bituminous and anthracite .....	54,756	52,093	56,292	60,058	59,959
Lignite .....	1,744	1,619	1,552	1,443	1,225
Korea:					
North: Anthracite, bituminous, and lignite .....	7,586	9,760	11,707	12,996	14,550
Republic of: Anthracite .....	2,944	4,559	5,897	6,486	8,206
Malaya: Bituminous .....	75	85	8	—	—
Mongolia, Outer: Lignite and bituminous .....	521	665	682	826	937
Pakistan: Bituminous and lignite .....	669	810	916	1,015	1,060
Philippines: Bituminous .....	119	154	163	168	180
Ryukyu Islands: Bituminous .....	1	1	1	1	1
Taiwan: Bituminous .....	3,508	3,928	4,367	4,670	5,020
Thailand: Lignite .....	140	155	164	119	149
Turkey (mined):					
Bituminous .....	7,220	7,191	6,952	7,035	7,110 <sup>3</sup>
Lignite .....	4,212	4,038	3,760	4,159	4,354 <sup>3</sup>
Viet-Nam:					
North: Anthracite .....	1,700	2,427	2,860	3,100	2,900 <sup>3</sup>
South: Anthracite .....	22	22	30	63	78
<b>Totals<sup>4</sup></b> .....	<b>434,522</b>	<b>524,638</b>	<b>617,407</b>	<b>584,973</b>	<b>594,391</b>
<b>Africa:</b>					
Algeria: Bituminous and anthracite .....	169	134	131	86	83
Congo, Republic of the (formerly Belgian): Bituminous .....	324	294	180	73	84
Malagasy, Republic of: Bituminous .....	—	—	—	2	—
Morocco: Anthracite .....	562	513	454	452	408
Mozambique: Bituminous .....	273	283	298	354	328
Nigeria: Bituminous .....	1,036	631	629	669	699
Rhodesia and Nyasaland, Federation of:					
Southern Rhodesia: Bituminous .....	3,897	4,144	3,923	3,387	3,115
South Africa, Republic of:					
Bituminous and anthracite (marketable) .....	40,879	40,181	42,078	43,613	45,498
Swaziland: Anthracite and bituminous .....	—	1	13	1	—
Tanganyika: Bituminous .....	1	2	2	2	3
<b>Totals</b> .....	<b>47,141</b>	<b>46,383</b>	<b>47,708</b>	<b>48,639</b>	<b>50,218</b>
<b>Oceania:</b>					
Australia:					
Bituminous .....	22,695	22,734	25,277	26,857	27,449
Lignite .....	13,041	14,599	16,763	18,232	19,193
New Zealand:					
Bituminous and anthracite .....	2,846	2,956	3,194	3,101	2,690
Lignite .....	201	191	180	175	166
<b>Totals</b> .....	<b>38,983</b>	<b>40,480</b>	<b>45,414</b>	<b>48,365</b>	<b>49,498</b>
Lignite (total of items shown above) (estimate) .....	676,426	680,506	704,003	729,510	758,936
Bituminous and anthracite (by subtraction) .....	2,011,811	2,096,231	2,199,256	2,150,531	2,194,301
<b>World totals, all grades (estimate)</b> .....	<b>2,688,237</b>	<b>2,776,737</b>	<b>2,902,259</b>	<b>2,880,041</b>	<b>2,953,237</b>

<sup>1</sup> Preliminary.<sup>2</sup> Figures formerly published in metric tons.<sup>3</sup> Estimate.<sup>4</sup> Output from U.S.S.R. in Asia (including Sakhalin) included with U.S.S.R. in Europe.<sup>5</sup> Less than 500 tons.<sup>6</sup> Year ended March 20 of year following that stated.Source: Division of Foreign Activities, Minerals Yearbook 1962.  
World Production of Coal for 1963, not available for publication.

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