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THE COAL MINING INDUSTRY

For the Calendar Year 1966



DOMINION BUREAU OF STATISTICS

DOMINION BUREAU OF STATISTICS
Manufacturing and Primary Industries Division

THE COAL MINING INDUSTRY

For the Calendar Year 1966

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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 supplied for different purposes within the producing province. 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, 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 following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- Ⓟ preliminary figures.
- Ⓡ revised figures.

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INTRODUCTION

Production of coal in Canada in 1966 amounted to 11,391,569 tons, 1.7 per cent less than the total of 11,588,616 tons produced in 1965. The decrease was due mainly to a 7.4 per cent decline in the production of bituminous coal in Nova Scotia and New Brunswick. The Nova Scotia production of 3,854,534 tons was a decline of 6.8 per cent from the 1965 production. New Brunswick production of 898,315 tons is a decrease of 9.8 per cent from the 1965 production of 996,328 tons. This was partly offset by an increase in production in Alberta and British Columbia of 3.9 per cent and an increase in Saskatchewan lignite of .07 per cent over the production for 1965. Bituminous coal accounted for 59.1 per cent of the 1966 production with Alberta sub-bituminous and Saskatchewan lignite accounting for 22.7 per cent and 18.2 per cent respectively.

The value of sales, f.o.b. mines was \$81,559,794 in 1966, up 7.5 per cent from the previous year. Salaries and wages accounted for slightly less than half the value of sales. The value of sales of bituminous coal ranged from a low of \$6.83 per ton in Alberta through \$7.43 per ton in British Columbia, \$8.80 per ton in New Brunswick to a high of \$13.27 in Nova Scotia. Increases in 1966 unit value of sales of bituminous coal over comparable 1965 figures were \$0.11 in Alberta, \$2.27 in Nova Scotia and \$0.31 in British Columbia, while the unit value in New Brunswick declined by \$0.18 during the same period. Value of sales of Alberta sub-bituminous coal averaged \$2.30 per ton, down \$0.22 from 1965, while the average value of sales of Saskatchewan lignite dropped \$0.01 per ton to \$1.79.

Exports of Canadian coal increased .02 per cent to 1,228,820 tons in 1966 while value of exports rose 4.2 per cent to \$13,202,161. Eighty six per cent of the exported coal was shipped to Japan.

Landed imports (which include coal at customs' ports awaiting clearance) amounted to 16,330,714 tons in 1966, an increase of 0.4 per cent over 1965.

Approximately 91 per cent of the imported coal was cleared through Ontario ports with Quebec accounting for most of the remainder. Ninety six per cent of the imported coal was United States bituminous.

Sales of coal and coke by retail fuel dealers dropped from 2,087,369 tons in 1965 to 1,757,331 tons, a decrease of 15.8 per cent. This survey is limited to firms with sales in excess of 1,000 tons per annum.

Consumption of coal by industrial consumers decreased 2.5 per cent to 15,148,302 tons in 1966 from 15,523,982 tons the previous year. There was an increase in the consumption of coke by industrial consumers from 5,460,590 tons in 1965 to 5,595,508 tons in 1966.

Stocks of coal and coke by retail fuel dealers decreased from 461,406 tons to 401,085 tons in 1966. However, stocks of coal held by industrial consumers increased from 5,045,361 tons to 5,988,552 tons during the same period. Coke stocks held by industrial consumers increased to 310,960 tons from 291,404 tons in 1965. Total stocks of coal in Canada rose approximately 1,000,000 tons during the year to about 10,191,000 tons as at December 31, 1966. Stocks of coke declined to 308,000 tons from 340,000 tons in 1965.

In 1966 there were 5,890,577 tons of bituminous coal charged to ovens to manufacture 4,426,051 tons of coke compared with 5,902,859 tons of coal used to make 4,368,791 tons of coke in 1965. Ninety three per cent of the coal used to manufacture coke was imported bituminous.

A total of 8,564 employees worked 2,199,678 man-days for wages and salaries of \$39,091,279 in 1966. Approximately two-thirds of the employees' wages and salaries were accounted for by Nova Scotia.

CHART - A

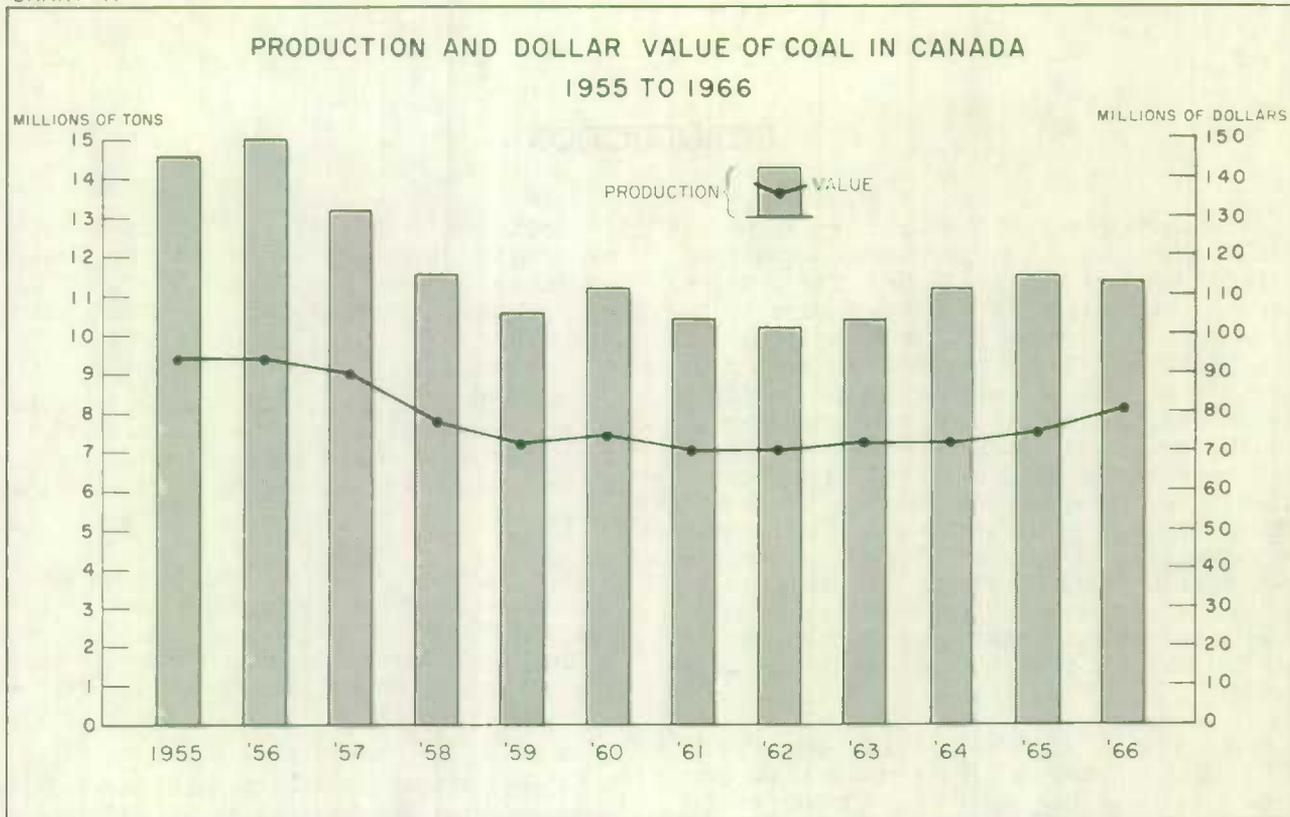


CHART - B

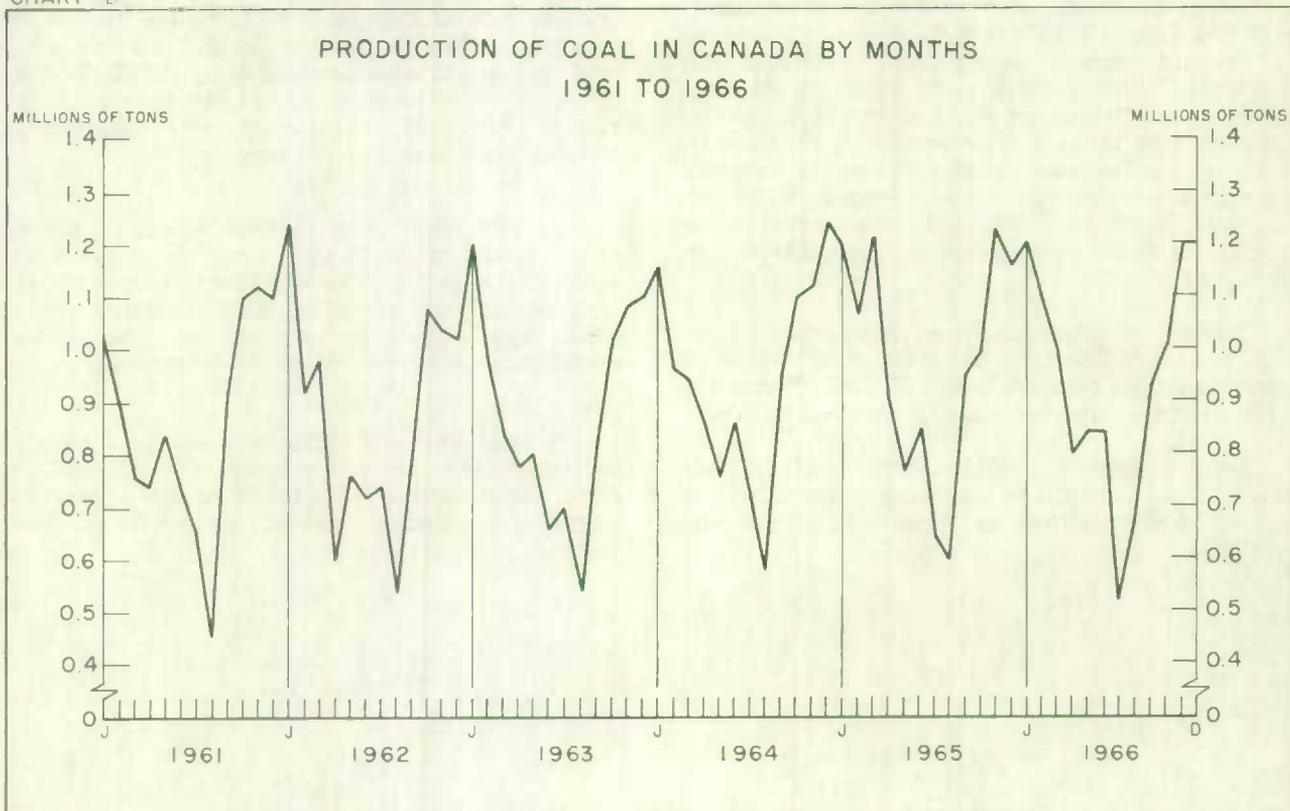


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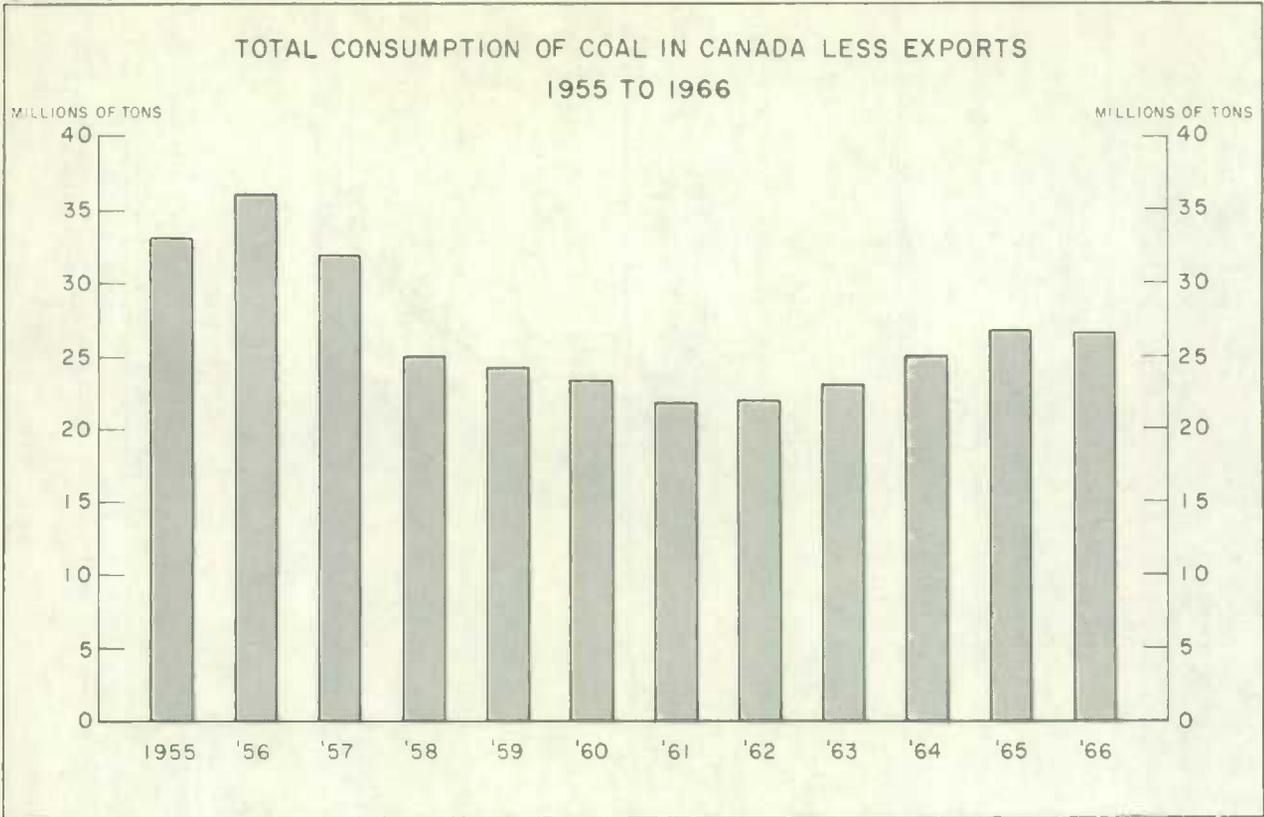


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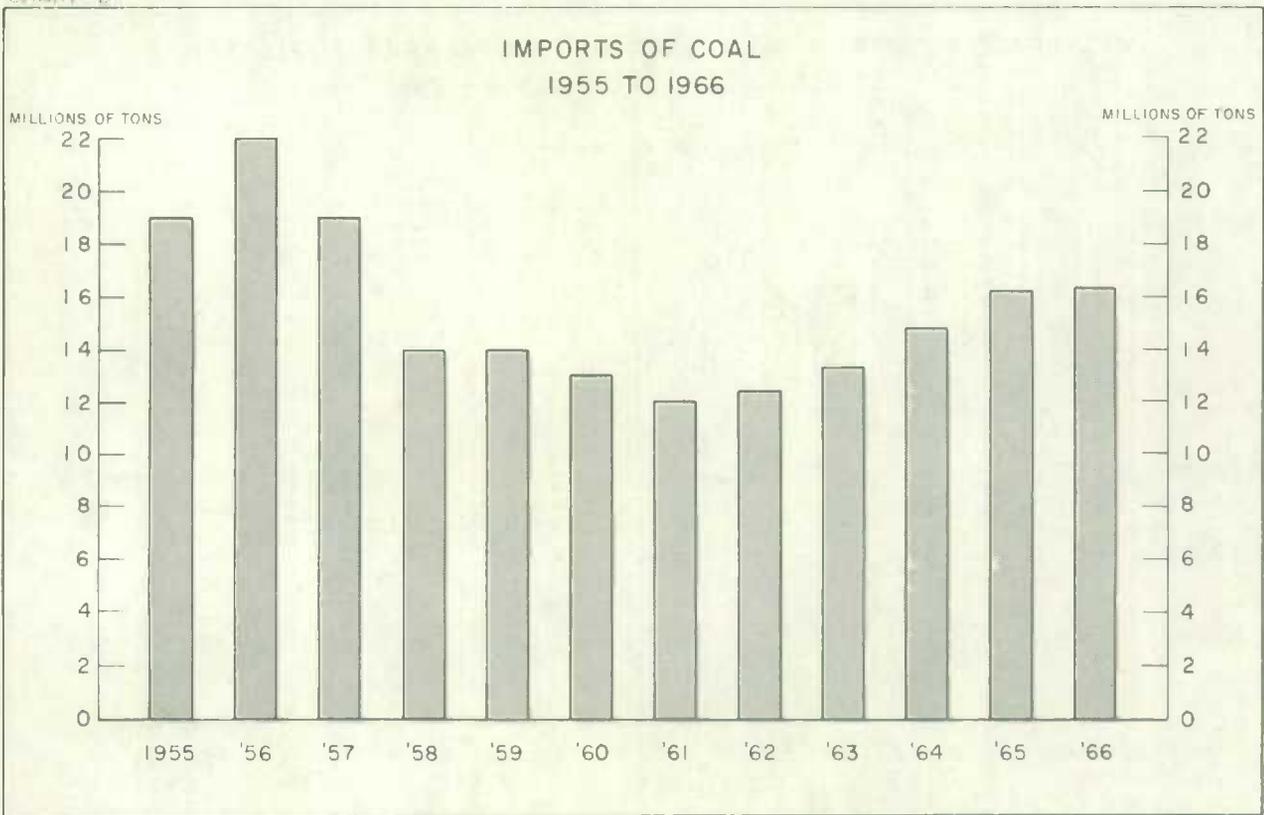


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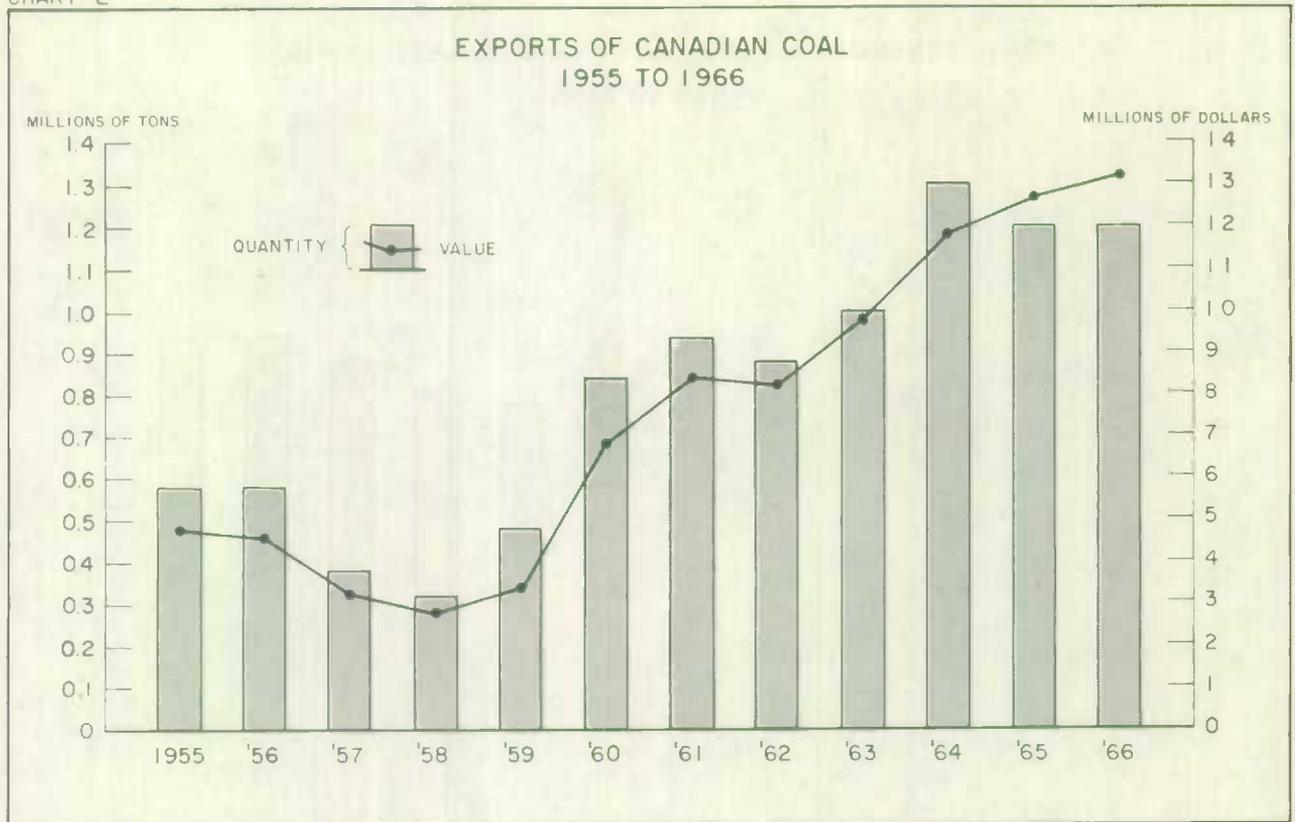


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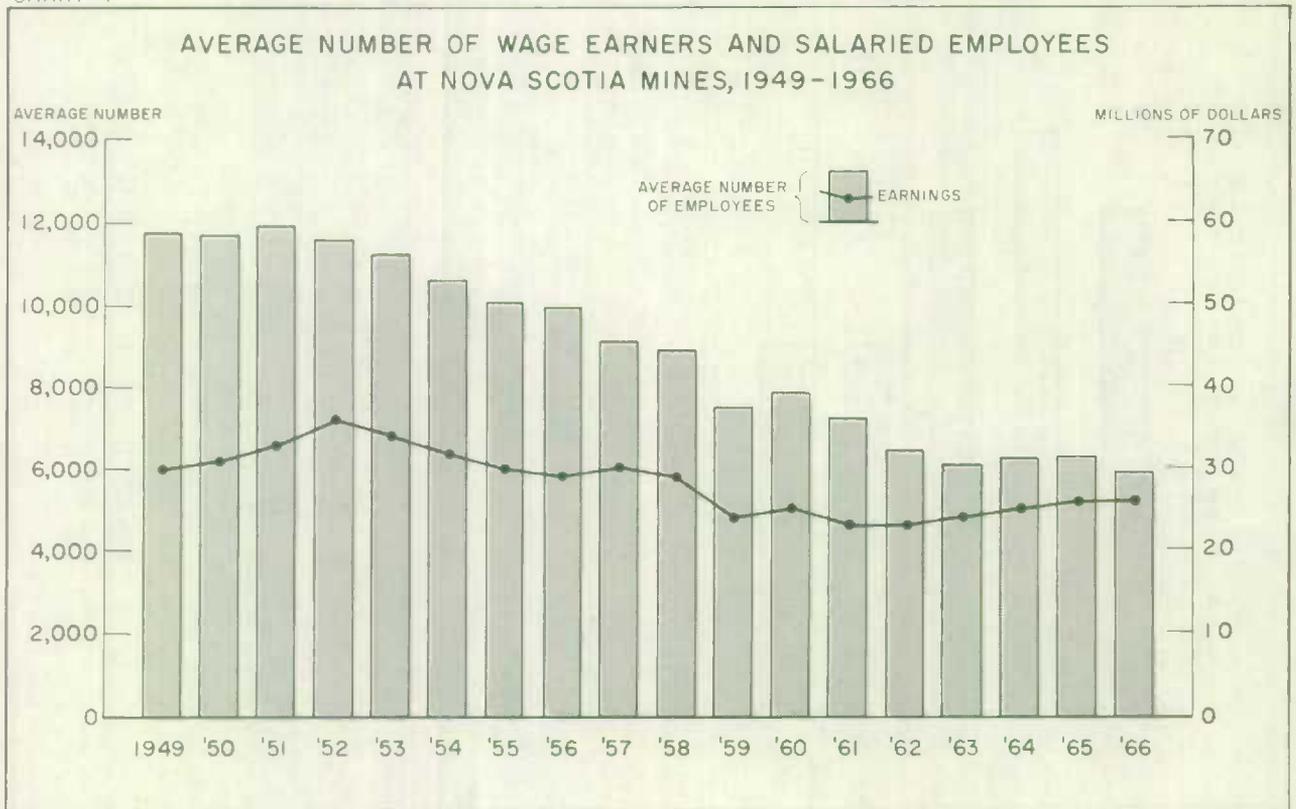


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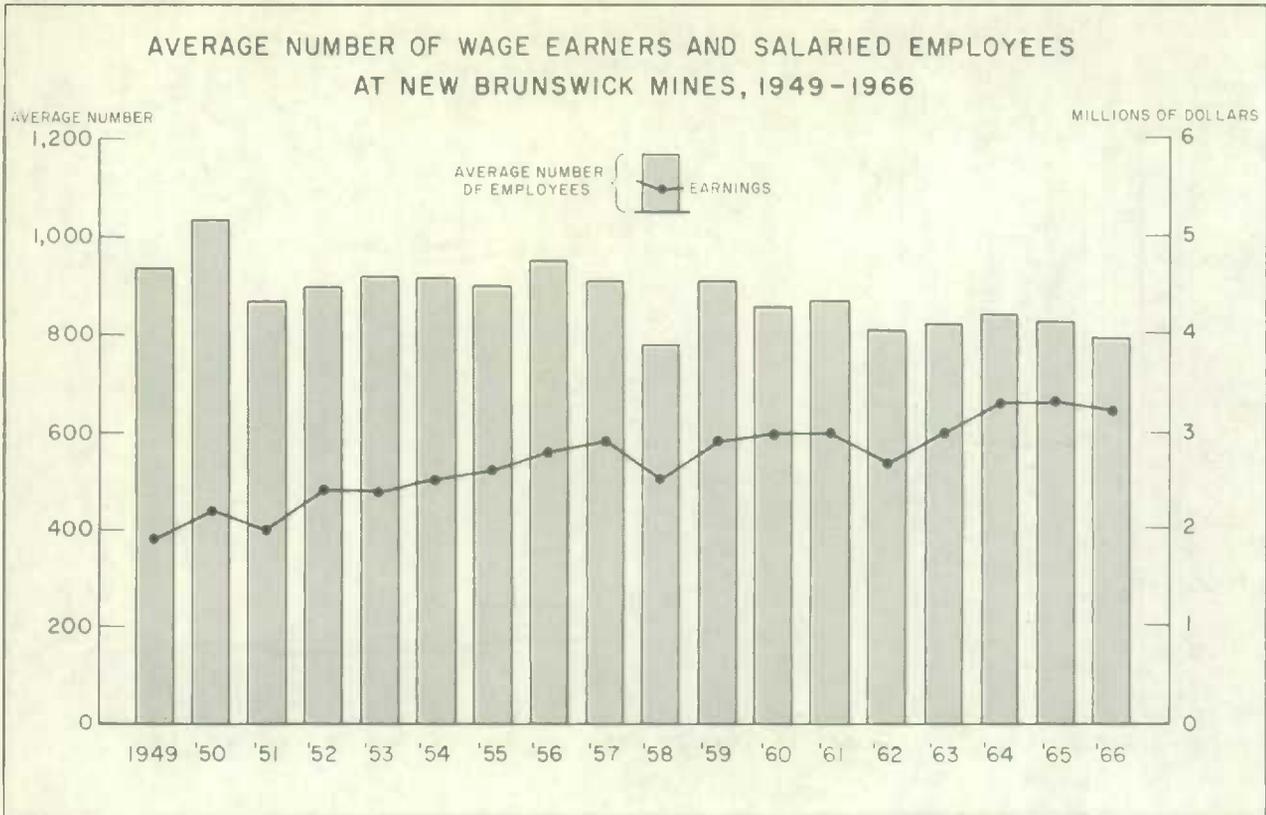


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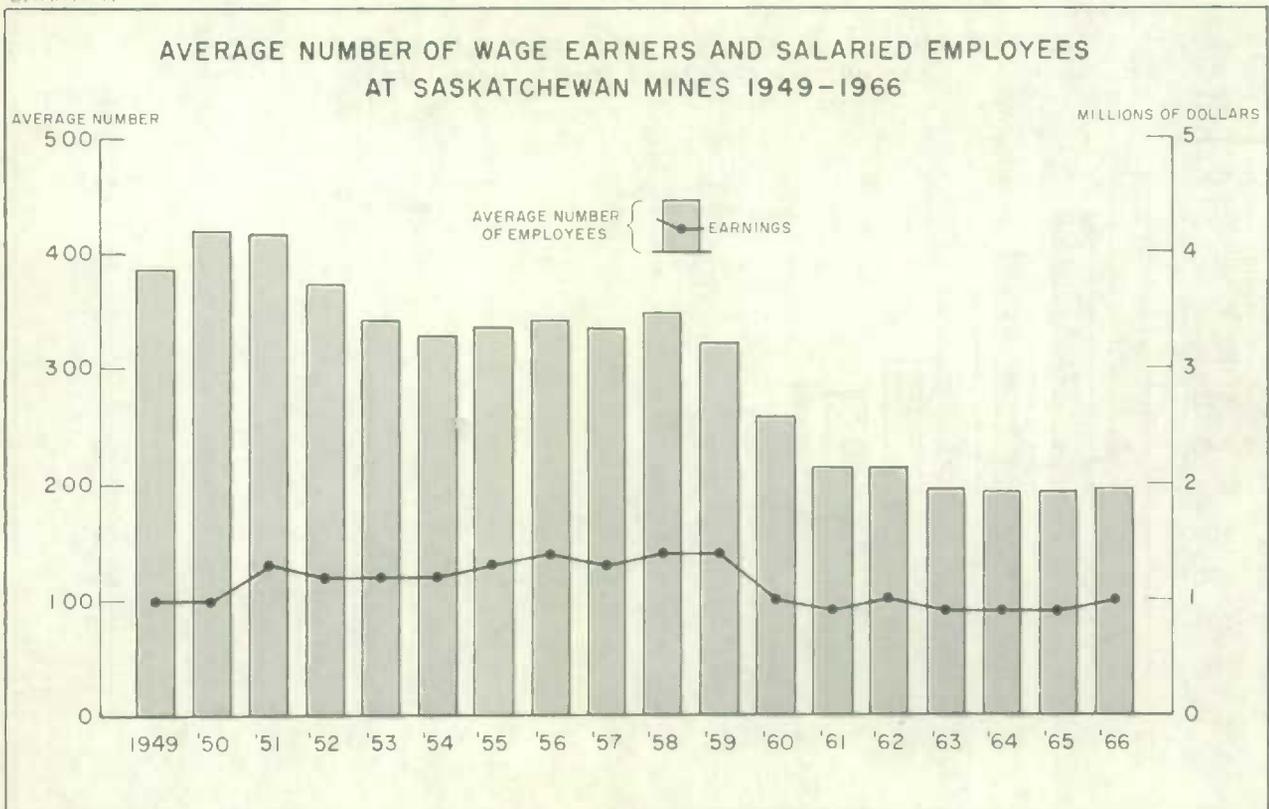


CHART-I

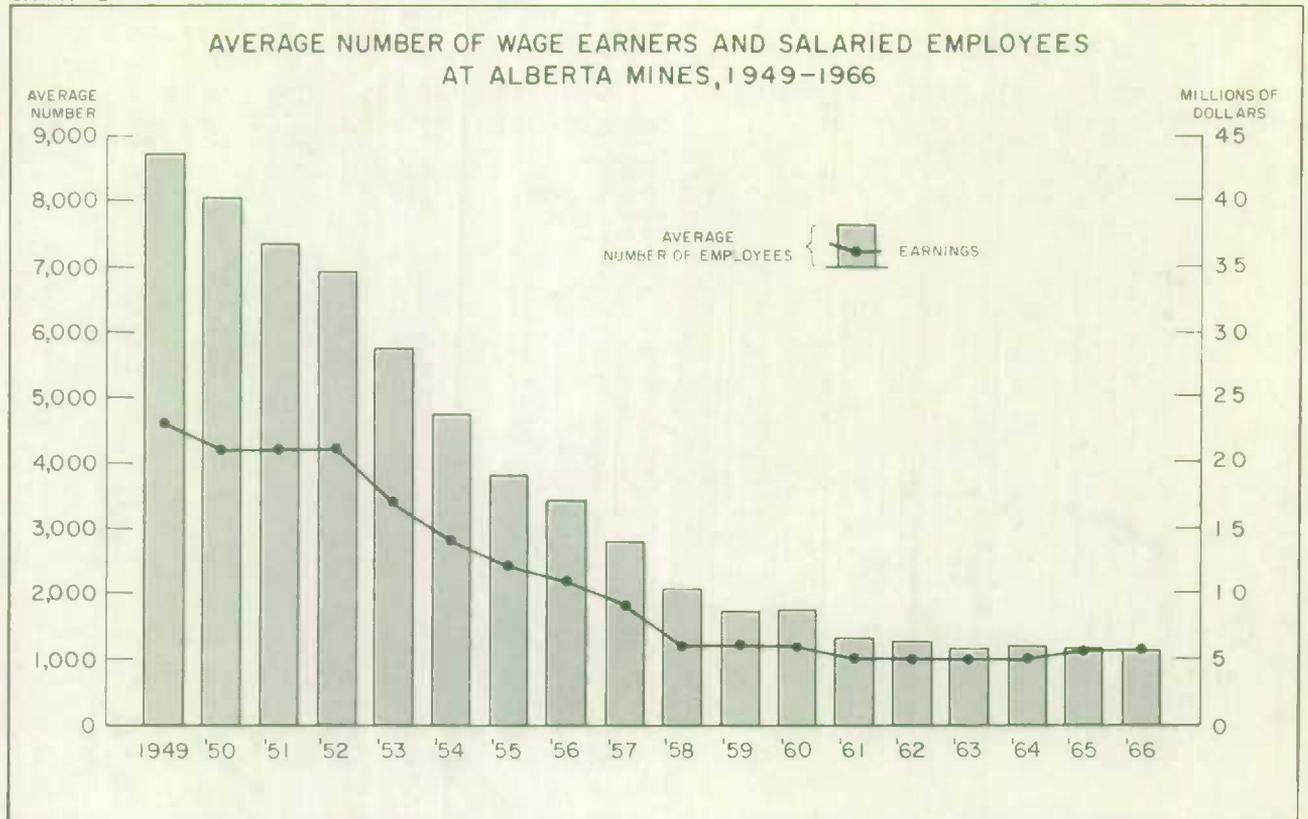


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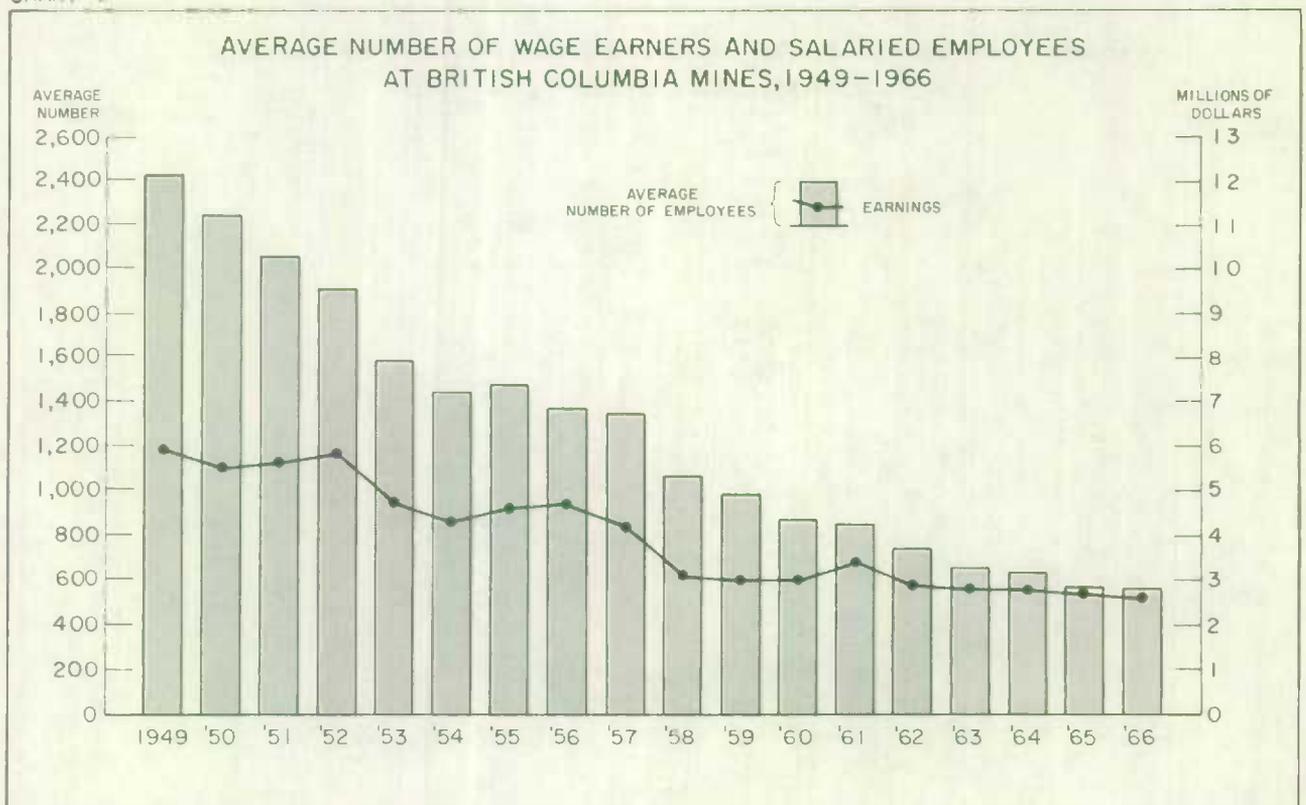
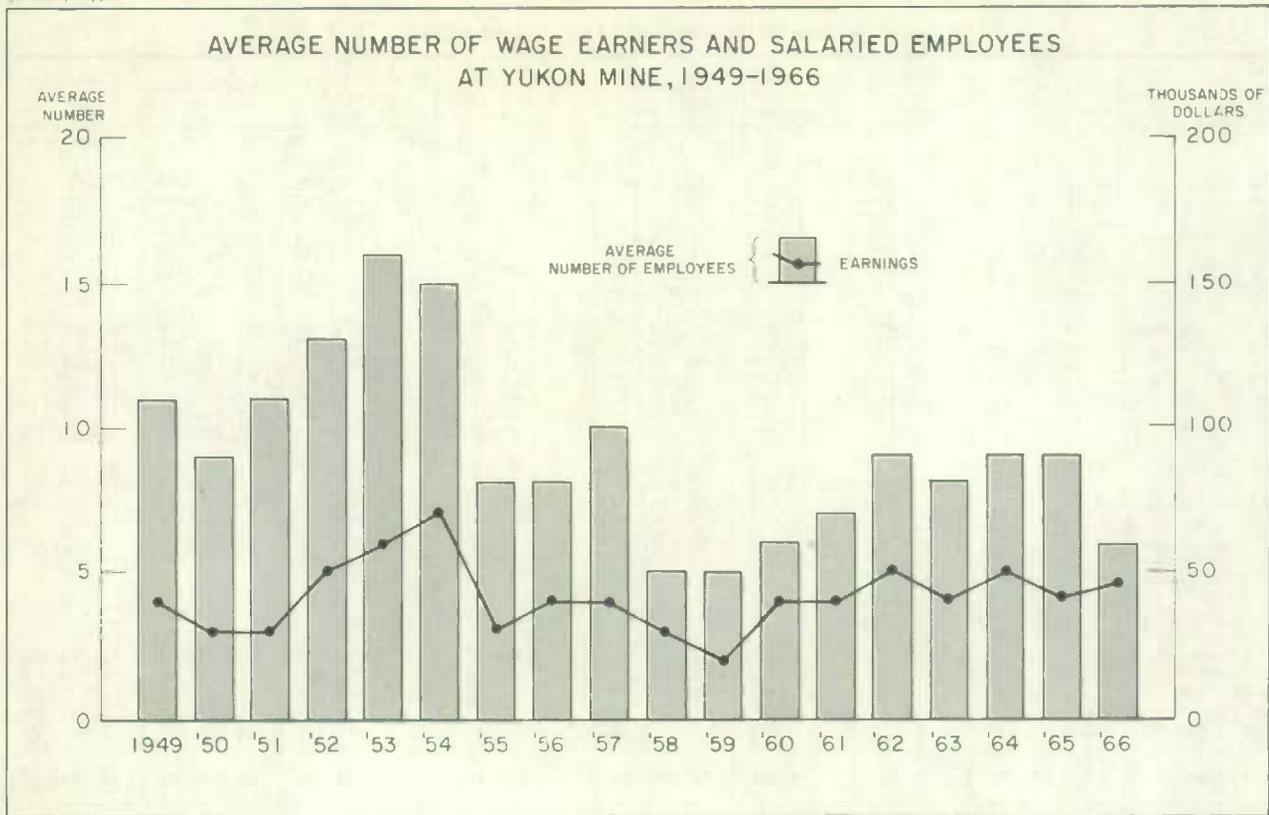


CHART-K



SECTION I
DOMINION REVIEW

TABLE 1. Principal Statistics for the Coal Mining Industry, 1941-66

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 at mines	Production of coal
1941	469	26,330	38,149,602	3,544,920	6,135,694	58,059,630	18,225,921
1944	394	25,234	55,020,537	4,066,320	8,646,500	70,433,169	17,026,499
1946	365	25,487	51,343,975	4,100,193	8,536,912	75,820,159	17,811,747
1949	328	24,230	61,204,632	4,352,467	11,144,514	110,915,121	19,120,046
1950	363	23,418	60,933,980	4,362,263	10,102,653	110,140,399	19,139,112
1951	315	22,647	63,127,966	4,678,302	11,869,165	109,038,835	18,586,823
1952	271	21,753	66,029,224	5,405,040	13,554,188	111,026,149	17,579,002
1953	241	19,845	59,350,290	5,969,106	12,177,328	102,721,875	15,900,673
1954	223	18,050	53,650,045	4,932,772	10,698,535	96,600,266	14,913,579
1955	203	16,590	50,325,387	5,014,951	10,353,242	93,579,471	14,818,880
1956	185	16,095	49,468,237	5,141,389	11,175,928	95,349,763	14,915,610
1957	170	14,569	47,222,273	4,862,774	11,449,260	90,220,670	13,189,155
1958	153	13,162	42,250,458	4,967,177	10,786,747	79,963,327	11,687,110
1959	133	11,485	37,122,895	4,274,990	10,705,703	73,675,895	10,626,722
1960	129	11,587	38,734,884	4,313,868	11,720,197	74,676,240	11,011,138
1961	120	10,461	35,607,905	4,062,543	10,079,645	70,052,683	10,397,704
1962	109	9,470	34,384,876	3,817,918	10,044,625	69,160,213	10,284,769
1963	97	8,903	35,624,266	3,730,779	13,010,951	71,756,581	10,575,694
1964	94	9,087	37,534,802	3,821,027	13,950,176	72,735,085	11,319,323
1965	86	9,076	39,149,842	3,792,387	16,158,661	75,901,126	11,588,616
1966							
Nova Scotia	12	5,875	26,242,097	1,813,687	10,104,759	51,518,674	3,854,534
New Brunswick	14 ¹	789	3,209,142	645,390	1,736,308	7,892,427	898,315
Saskatchewan	3	195	1,053,820	190,810	486,273	3,717,586	2,078,165
Alberta	36	1,140	5,867,748	657,978	1,914,506	11,947,258	3,467,254
British Columbia	6	559	2,672,425	245,172	999,794	6,437,459	1,087,631
Yukon	1	6	46,047	5,515	2,736	46,390	5,670
Canada	72	8,564	39,091,279	3,559,052	15,244,376	81,559,794	11,391,569

¹ Represents number of companies filing returns. Some companies sub-lease to small operator for limited periods of time.

TABLE 2. Imports and Coal Mine Distribution in Canada, 1942-66

Calendar year	Canadian ¹		Imported coal "entered for consumption"				Total	Per capita
			From U.S.A.	From Great Britain	Total ²			
	short tons	%	short tons		%	short tons		
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	40.5	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	58.0	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	12,478,626	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	10,539,263	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	22,610,589	1,196
1964	10,080,243	40.0	14,983,536	5,578	14,987,656	59.8	25,067,899	1,289
1965	10,181,171	38.0	16,590,348	5,045	16,593,547	62.0	26,774,718	1,352
1966	10,117,756	38.1	16,436,755	-	16,435,111	61.9	26,552,867	1,327

¹ 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.² Deductions have been made to take account of foreign coal re-exported from Canada. Imports of briquettes are not included in this table, but are shown separately in Table 16.

TABLE 3. Production of Coal, by Kinds and by Provinces, 1965 and 1966

Province and kind of coal	1965			1966		
	Number of mines	Short tons	Value at mines \$	Number of mines	Short tons	Value at mines \$
Nova Scotia - Bituminous	12	4,134,161	45,486,833	12	3,854,534	51,518,674
New Brunswick - Bituminous	18 ¹	996,328	8,637,619	14 ¹	898,315	7,892,427
Saskatchewan - Lignite	4	2,063,933	3,715,385	3	2,078,165	3,717,586
Alberta:						
Bituminous	6	859,176	5,771,661	5	879,569	6,047,369
Sub-bituminous	38	2,554,752	6,402,185	31	2,587,685	5,999,989
Totals	44	3,413,928	12,173,846	36	3,467,254	11,947,258
British Columbia - Bituminous	7	971,465	5,801,817	6	1,087,631	6,437,459
Yukon - Bituminous	1	8,801	85,826	1	5,670	46,390
Canada:						
Bituminous	44	6,969,931	65,783,556	38	6,725,719	71,942,319
Sub-bituminous	38	2,554,752	6,402,185	31	2,587,685	5,899,889
Lignite	4	2,063,933	3,715,385	3	2,078,165	3,717,586
Totals	86	11,588,616	75,901,126	72	11,391,569	81,559,794

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

TABLE 4. Production of Coal, by Kinds and by Months,¹ 1966

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	597,126	6,067,809	334,599	928,070	277,726	509,562	1,209,451	7,505,441
February	586,837	6,071,266	272,393	619,731	253,036	460,566	1,112,266	7,151,363
March	616,413	6,456,719	199,758	390,120	213,301	372,346	1,029,472	7,219,185
April	553,478	6,378,003	153,871	232,746	107,982	188,927	815,331	6,799,676
May	566,657	6,138,445	160,627	278,302	109,482	186,657	836,766	6,603,404
June	588,660	6,213,851	127,272	237,708	128,728	210,072	844,660	6,661,631
July	432,412	5,282,792	74,800	100,792	17,062	31,903	524,274	5,415,487
August	463,794	4,859,247	128,788	190,141	79,904	141,360	672,486	5,190,748
September	610,687	6,508,914	175,596	363,070	140,435	253,276	926,718	7,125,260
October	561,955	6,193,765	260,573	705,091	209,990	392,686	1,032,518	7,291,542
November	603,682	6,151,227	342,808	991,536	266,912	475,415	1,213,402	7,618,178
December	544,018	5,620,281	356,600	862,582	273,607	494,816	1,174,225	6,977,679
Totals	6,725,719	71,942,319	2,587,685	5,899,889	2,078,165	3,717,586	11,391,569	81,559,794

¹ Production for individual provinces on monthly basis contained in monthly publication "Coal and Coke Statistics", Catalogue No. 45-002.

TABLE 5. Disposition of Coal from Canadian Mines, by Grades and by Destinations, 1966

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	Value at mines ¹
	short tons							\$
Used in making coke at colliery	—	49	—	27,977	—	227,435	255,461	1,767,731
Used in making briquettes	—	—	—	—	—	26,284	26,284	201,221
For colliery boilers, railroad, etc.	5,983	3,351	2,109	12,191	—	22,680	46,314	379,734
Put on bank .....	...	...	...	...	...	...	837,079	9,013,898
Put on waste heap .....	...	...	...	...	...	...	238,108	—
Railways in Canada for own consumption ..	733	20,231	44,646	3,021	117	79,829	148,577	495,408
Ships bunkers for own consumption	—	—	—	—	—	—	—	—
Newfoundland	—	41,863	4,753	213	—	—	46,829	694,108
Prince Edward Island	14	6,484	1,487	838	—	13,942	22,765	292,482
Nova Scotia	73,965	145,541	50,687	91,855	79,513	1,086,526	1,528,087	18,602,848
New Brunswick	122,423	37,752	5,836	30,070	1,900	828,988	1,026,969	10,039,665
Quebec	—	5,241	15,115	28,243	79,657	1,058,429	1,186,685	15,975,086
Ontario	—	4,760	2,532	85,523	2,213	1,139,878	1,234,906	14,563,862
Manitoba	—	45,934	107,808	233,003	25,309	357,166	769,220	2,511,758
Saskatchewan	1,114,372	75,151	88,633	46,478	131,747	123,526	1,579,907	3,250,272
Alberta	226,590	159,688	75,242	176,799	1,154,415	183,617	1,976,351	3,725,225
British Columbia	6,821	47,314	5,583	113,655	6,963	83,395	263,731	1,678,204
Yukon	—	52	3,219	2,399	—	—	5,670	46,390
United States	8,853	2,318	2,310	4,771	2,480	53	20,785	422,938
Japan	—	—	—	—	520,311	565,900	1,086,211	7,344,760
St. Pierre	—	3,167	13	92	—	—	3,272	43,325
Total disposition	1,559,754	598,896	409,973	857,128	2,004,625	5,797,648	12,303,211	91,048,915
Inventory adjustment (plus or minus) .....	...	...	...	...	...	...	- 24,625	- 21,363
Loss: Lifted from bank .....	...	...	...	...	...	...	860,605	9,226,811
Lifted from waste heap .....	...	...	...	...	...	...	26,412	240,947
Total Canadian production	1,559,754	598,896	409,973	857,128	2,004,625	5,797,648	11,391,569	81,559,794

¹ Sum of the values of bituminous and sub-bituminous used for Alberta.

TABLE 6. Production, Number of Employees and Man-days Worked, at Strip and Underground Coal Mines, by Provinces, 1966

	Production short tons	Average number of employees		Man-days worked	
		Surface ¹	Underground	Surface ¹	Underground
Nova Scotia:					
Strip mines	—	—	...	—	...
Underground mines	3,854,534	637	5,238	191,720	1,332,390
Totals	3,854,534	637	5,238	191,720	1,332,390
New Brunswick:					
Strip mines	145,649	477	...	141,247	...
Underground mines	752,666	53	259	14,601	61,174
Totals	898,315	530	259	155,848	61,174
Saskatchewan:					
Strip mines	2,078,165	195	...	43,767	...
Underground mines	—	—	—	—	—
Totals	2,078,165	195	—	43,767	—
Alberta:					
Strip mines	1,040,909	298	...	75,991	...
Underground mines	2,426,345	334	508	82,153	116,513
Totals	3,467,254	632	508	158,144	116,513
British Columbia:					
Strip mines	117,827	25	...	5,920	...
Underground mines	969,804	200	334	51,531	80,850
Totals	1,087,631	225	334	57,451	80,850
Yukon:					
Strip mines	—	—	...	—	...
Underground mines	5,670	3	3	793	1,028
Totals	5,670	3	3	793	1,028
Canada:					
Strip mines	3,382,550	995	...	266,925	...
Underground mines	8,009,019	1,227	6,342	340,798	1,591,955
Totals	11,391,569	2,222	6,342	607,723	1,591,955

¹ Includes employees associated with underground mining but working on surface.

TABLE 7. Exports of Canadian Coal, 1957-66
(As compiled from Custom's documents)

Calendar year	Short tons	Value	Calendar year	Short tons	Value
		\$			\$
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
1959	473,768	3,582,313	1964	1,291,664	11,971,857
1960	852,921	6,789,163	1965	1,225,994	12,671,785
1961	939,336	8,540,749	1966	1,228,820	13,202,161

TABLE 8. Exports of Canadian Coal, by Destinations, 1965 and 1966
(As compiled from Custom's Documents)

Destination	1965		1966	
	Short tons	Value \$'000	Short tons	Value \$'000
St. Pierre and Miquelon	4,825	63	2,097	29
United States	198,020	1,994	167,148	1,754
Japan	1,023,134	10,614	1,059,502	11,413
Bermuda	15	—	15	—
United Kingdom	—	—	58 ¹	6
Totals	1,225,994	12,671	1,228,820	13,202

¹ Anthracite calcined coal.

TABLE 9. Imported Coal¹ "Entered for Consumption", 1957-66

Year	Anthracite		Bituminous ²		Lignite		Total ³	
	Short tons	Value \$	Short tons	Value \$	Short tons	Value \$	Short tons	Value \$
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 ⁴	66,553,040 ⁴	—	—	14,236,118	84,487,689
1960.....	1,297,467	13,577,411	12,267,369 ⁴	63,383,462 ⁴	—	—	13,564,836	76,960,373
1961.....	1,058,157	11,442,615	11,248,341 ⁴	60,117,136 ⁴	—	—	12,306,498	71,559,751
1962.....	914,336	10,306,348	11,699,853 ⁴	63,865,142 ⁴	—	—	12,614,189	74,171,490
1963.....	847,326	10,163,756	12,523,080 ⁴	68,499,597 ⁴	—	—	13,370,406	78,663,353
1964.....	649,378	7,976,714	14,339,736 ⁴	78,264,002 ⁴	—	—	14,989,114	86,240,716
1965.....	640,161	7,695,413	15,955,232 ⁴	118,250,949 ^{4,5}	—	—	16,595,393	125,946,362
1966.....	594,193	6,747,000	15,842,562 ⁴	134,063,000 ^{4,5}	—	—	16,436,755	140,810,000

¹ 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 custom's ports awaiting clearance are usually quite large.

² Includes foreign coal re-exported from Canada.

³ Imports of briquettes are not included in this table, but are shown separately in Table 16

⁴ Includes coal dust and coal n.o.p.

⁵ Prior to August 1965 - f.o.b. mine.

TABLE 10. Imported Coal "Landed in Canada", by Kinds and by Provinces, 1965 and 1966

Destination	1965			1966		
	Anthracite	Bituminous	Total	Anthracite	Bituminous	Total
	short tons					
From Great Britain:						
Newfoundland	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—
Quebec	5,045	—	5,045	—	—	—
Totals	5,045	—	5,045	—	—	—
From United States:						
Newfoundland	1,805	17,735	19,540	—	10,212	10,212
Nova Scotia	—	241,015	241,015	—	503,259	503,259
New Brunswick	—	—	—	—	—	—
Quebec	297,515	878,209	1,175,724	284,953	660,299	945,252
Ontario (Central)	318,829	14,197,798	14,516,627	296,831	14,196,537	14,493,368
(Head of Lakes)	51	308,541	308,592	402	377,375	377,777
Manitoba	52	2,885	2,937	—	610	610
Saskatchewan	—	—	—	42	—	42
British Columbia and Yukon	213	40	253	80	114	194
Totals	618,465	15,646,223	16,264,688	582,308	15,748,406	16,330,714
Canada	623,510	15,646,223	16,269,733	582,308	15,748,406	16,330,714

Note: Does not include 7,600 tons of briquettes in 1965 or 5,045 tons in 1966. See Table 16.

TABLE 11. Summary of Coal Statistics for 1966 – Production, Exports, Interprovincial Shipments, Landed Imports,¹ by Provinces and by Kinds

Province	Canadian coal				Imported coal	
	Production	Received from mines in other provinces	Mine shipments		From U.S.A.	From Great Britain
			To other provinces	For export		
	short tons					
Newfoundland:						
Anthracite .....	—	—	...	...	—	—
Bituminous	—	46,829	...	...	10,212	—
Totals	—	46,829	...	...	10,212	—
Prince Edward Island:						
Anthracite .....	—	—	...	...	—	—
Bituminous	—	22,765	...	...	—	—
Totals	—	22,765	...	...	—	—
Nova Scotia:						
Anthracite	—	—	—	—	—	—
Bituminous	3,854,534	—	2,361,596	3,272	503,259	—
Totals	3,854,534	—	2,361,596	3,272	503,259	—
New Brunswick:						
Anthracite	—	—	—	—	—	—
Bituminous	898,315	211,143	66,026	—	—	—
Totals	898,315	211,143	66,026	—	—	—
Quebec:						
Anthracite .....	—	—	...	...	284,953	—
Bituminous	—	1,186,685	...	...	660,299	—
Sub-bituminous .....	—	—	...	...	—	—
Totals	—	1,186,685	...	...	945,252	—
Ontario:²						
Anthracite .....	—	—	...	...	297,233	—
Bituminous	—	1,005,001	...	...	14,573,912	—
Sub-bituminous	—	4,453	...	...	—	—
Lignite	—	225,452	...	...	—	—
Totals	—	1,234,906	...	...	14,871,145	—
Manitoba:						
Anthracite .....	—	—	...	...	—	—
Bituminous	—	139,067	...	...	610	—
Sub-bituminous	—	113,892	...	...	—	—
Lignite	—	516,261	...	...	—	—
Totals	—	769,230	...	...	610	—
Saskatchewan:						
Anthracite	—	—	—	—	42	—
Bituminous	—	313	—	—	—	—
Sub-bituminous	—	376,589	—	—	—	—
Lignite	2,078,165	—	741,713	7,408	—	—
Totals	2,078,165	376,902	741,713	7,408	42	—
Alberta:						
Anthracite	—	—	—	—	—	—
Bituminous	879,569	65	124,421	722,168	—	—
Sub-bituminous	2,587,685	—	590,368	—	—	—
Lignite	—	—	—	—	—	—
Totals	3,467,254	65	714,789	722,168	—	—
British Columbia:						
Anthracite	—	—	—	—	80	—
Bituminous	1,087,631	102,087	161,912	377,420	114	—
Sub-bituminous	—	95,434	—	—	—	—
Lignite	—	—	—	—	—	—
Totals	1,087,631	197,521	161,912	377,420	194	—
Yukon:						
Anthracite	—	—	—	—	—	—
Bituminous	5,670	—	—	—	—	—
Sub-bituminous	—	—	—	—	—	—
Lignite	—	—	—	—	—	—
Totals	5,670	—	—	—	—	—
Canada:						
Anthracite	—	—	—	—	582,308	—
Bituminous	6,725,719	2,713,955	2,713,955	1,102,860	15,748,406	—
Sub-bituminous	2,587,685	590,368	590,368	—	—	—
Lignite	2,078,165	741,713	741,713	7,408	—	—
Totals	11,391,569	4,046,036	4,046,036	1,110,268	16,330,714	—

¹ Direct imports into each province.

² Includes Head of Lakes.

Note: In addition to the above, 5,045 tons of briquettes were imported from the United States.

ECONOMIC REGIONS

Economic Regions for Ontario and Quebec consist of the following Counties

Quebec – Economic Regions

North Shore – New Quebec (40)
Saguenay Anticosti
New Quebec District

Gaspesia – South Shore (41)
Bonaventure
Gaspé
Magdalen Islands
Kamouraska
L'Islet
Matane
Montmagny
Rimouski
Témiscouata

Saguenay – Lake St. John (42)
Chicoutimi, Lake St. John

Quebec (43)
Beauce
Bellechasse
Charlevoix
Dorchester
Lévis
Lotbinière
Montmorency
Portneuf
Quebec

Trois-Rivières (44)
Berthier
Champlain
Maskinongé
Nicolet
St. Maurice
Cap-de-la-Madeleine

Eastern Townships (45)
Arthabaska
Brome
Compton
Drummond
Frontenac
Mégantic
Richmond
Shefford
Sherbrooke
Stanstead
Wolfe

Montreal (46)
Argenteuil
Bagot
Beauharnois
Chateauguay
Deux-Montagnes
Huntingdon
Iberville

Montreal (46) – Concluded:
Joliette
Labelle
Laprairie
L'Assomption
Montcalm
Napierville
Richelieu
Rouville
St. Hyacinthe
St. Jean
Soulanges
Terrebonne
Vaudreuil
Verchères
Yamaska

Metropolitan Montreal (47)
Jesus Island
Montreal Island
Chambly

Hull – Western Laurentides (48)
Hull
Papineau
Pontiac

Abitibi – Témiscamingue (49)
Abitibi
Témiscamingue
Abitibi (District)
Mistassine (District)

Ontario – Economic Regions

Eastern Ontario (50)
Carleton
Dundas
Frontenac
Glengarry
Grenville
Lanark
Leeds
Prescott
Renfrew
Russell
Stormont

Lake Ontario (51)
Durham
Haliburton
Hastings
Lennox and Addington
Northumberland
Peterborough
Prince Edward
Victoria

Metropolitan (52)
Halton
Ontario
Peel
York

Niagara (53)
Brant
Haldimand
Lincoln
Welland
Wentworth

Lake Erie (54)
Elgin
Middlesex
Norfolk
Oxford

Lake St. Clair (55)
Essex
Kent
Lambton

Upper Grand River (56)
Huron
Perth
Waterloo
Wellington

Georgian Bay (57)
Bruce
Dufferin
Grey
Muskoka
Parry Sound
Simcoe

Northeastern Ontario (58)
Algoma
Cochrane
Manitoulin
Nipissing
Sudbury
Timiskaming

Lakehead – Northwestern Ontario (59)
Kenora
Rainy River
Thunder Bay

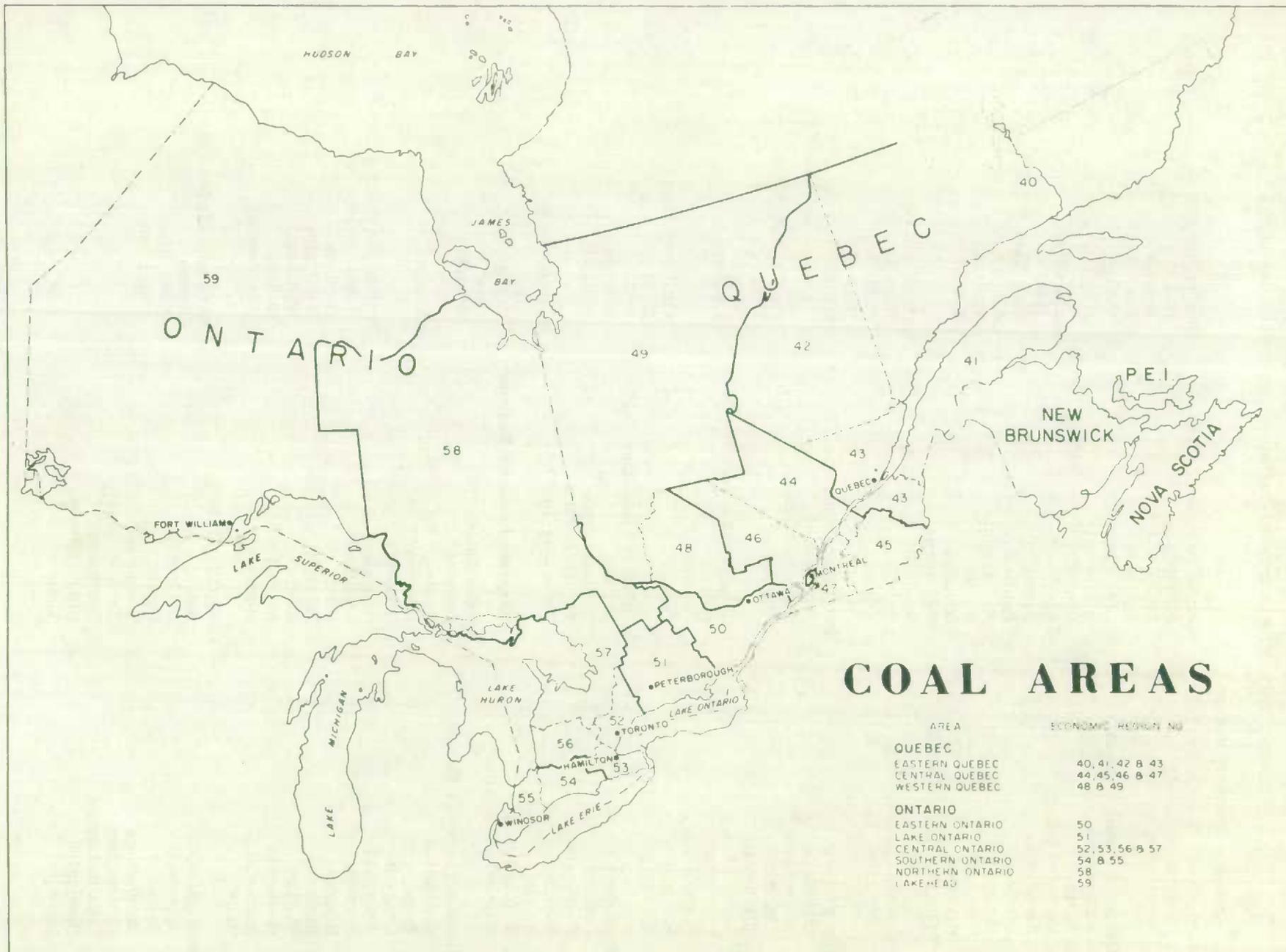


TABLE 12. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers,¹ 1965 and 1966

Kind	Sales		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous	419,692	381,917	44,221	19,679
Sub-bituminous	349,960	307,339	26,190	25,552
Lignite	159,649	121,998	12,268	7,441
Briquettes	21,632	18,464	3,433	3,235
Total Canadian coals	950,933	829,718	86,112	55,907
Foreign coals:				
Anthracite	203,877	147,998	46,783	32,240
Bituminous	893,591	750,867	324,917	309,830
Briquettes	13,785	5,149	1,423	901
Total foreign coals	1,111,253	904,014	373,123	342,971
Total all coals	2,062,186	1,733,732	459,235	398,878
Coke (from coal):				
Canadian made	13,303	12,970	1,296	1,222
Foreign made	11,880	10,629	875	985
Total all coke	25,183	23,599	2,171	2,207
Total coal and coke	2,087,369	1,757,331	461,406	401,085

¹ Does not include firms selling less than 1,000 tons per annum.

TABLE 13. Sales of Coal and Coke Reported by Retail Fuel Dealers,¹ by Selected Cities, 1966

Kind	Halifax	Saint John	Montreal	Quebec	Toronto	Hamilton	Ottawa	Windsor	Winnipeg	Greater Vancouver
	short tons									
Canadian coals:										
Bituminous	107,262	5,212	18,171	—	—	—	45,788	—	2,468	5,992
Sub-bituminous	—	—	—	—	—	—	8,498	—	2,354	25,807
Lignite	—	—	—	—	—	—	—	—	30,564	—
Briquettes	—	—	—	—	—	—	89	—	1,965	1,667
Total Canadian coals	107,262	5,212	18,171	—	—	—	54,375	—	37,351	33,466
Foreign coals:										
Anthracite	1,099	1,041	7,598	134	16,996	9,795	3,869	2,258	—	—
Bituminous	—	209	37,423	2,708	110,782	109,315	27,446	46,164	3,607	—
Briquettes	—	121	294	1,240	82	—	—	94	4	—
Total foreign coals	1,099	1,371	45,315	4,082	127,860	119,110	31,315	48,516	3,611	—
Total all coals	108,361	6,583	63,486	4,082	127,860	119,110	85,690	48,516	40,962	33,466
Coke (from coal):										
Canadian made	526	—	3,461	—	789	128	659	—	—	195
Foreign made	—	—	—	—	358	—	—	—	399	—
Total all coke	526	—	3,461	—	1,147	128	659	—	399	195
Total coal and coke	108,887	6,583	66,947	4,082	129,007	119,238	86,349	48,516	41,361	33,661

¹ Does not include firms selling less than 1,000 tons per annum.

TABLE 14. Consumption and Stocks of Coal and Coke, by Industrial Consumers,¹ 1965 and 1966

Kind	Consumption		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous:				
(a) Slack	3,913,156	3,627,196	680,663	1,036,516
(b) Stoker and other sizes	122,211	108,821	1,092	6,826
Total bituminous	4,035,367	3,736,017	681,755	1,043,342
Sub-bituminous	1,514,187	1,719,666	84,127	75,671
Lignite	1,635,685	1,608,171	222,413	245,226
Total Canadian coals	7,185,239	7,063,854	988,295	1,364,239
Foreign coals:				
Anthracite	298,008	304,916	110,465	132,411
Bituminous:				
High volatile:				
(a) Slack	6,698,540	6,635,994	3,606,138	4,258,257
(b) Stoker and other sizes	987,670	806,972	292,638	183,918
Low volatile:				
(a) Slack	197,927	182,120	19,628	22,421
(b) Stoker and other sizes	156,598	154,446	28,197	27,306
Total bituminous	8,040,735	7,779,532	3,946,601	4,491,902
Total foreign coals	8,338,743	8,084,448	4,057,066	4,624,313
Total all coals	15,523,982	15,148,302	5,045,361	5,988,552
Coke:				
Canadian made coal coke	4,520,564	4,555,716	76,291	64,485
Foreign made coal coke	230,560	247,112	29,620	41,250
Petroleum coke	709,466	792,680	185,493	205,225
Total coke	5,460,590	5,595,508	291,404	310,960
Total coal and coke	20,984,572	20,743,810	5,336,765	6,299,512

¹ Does not include firms using less than 1,000 tons of coal per annum.

TABLE 15. Coal Balance for the Calendar Year Ended December 31, 1965 and 1966

(Supplied by the Dominion Coal Board)

	Stocks December 31, 1965	Stocks December 31, 1966	Change in stocks
in thousands of short tons			
Stocks:			
Canadian coal:			
Industry	988	1,364	+ 376
Dealers	86	56	- 30
Docks	29	53	+ 24
Coke and gas plants	2	5	+ 3
On bank at mines	424	377	- 47
Totals	1,529	1,855	+ 326
U.S. bituminous coal:			
Industry	3,947	4,492	+ 545
Dealers	326	310	- 16
Docks	1,094	1,108	+ 14
Coke and gas plants	2,138	2,259	+ 121
Totals	7,505	8,169	+ 664
Foreign anthracite:			
Industry	110	132	+ 22
Dealers	47	32	- 15
Dock operators	7	3	- 4
Totals	164	167	+ 3
Canadian coke from coal:			
Industry	76	65	- 11
Dealers	1	1	-
Coke and gas plants	231	200	- 31
Totals	308	266	- 42
U.S. coke from coal:			
Industry	30	41	+ 11
Dealers	1	1	-
Totals	31	42	+ 11

TABLE 15. Coal Balance for the Calendar Year Ended December 31, 1965 and 1966 - Concluded

	Canadian	United States	Total
	in thousands of short tons		
Consumption:¹			
Retail dealers sales (domestic use)	811	756	1,567
Direct from mines for domestic use	518	-	518
Employees	102	-	102
Total sales for domestic use	1,431	756	2,187
Industrial	2,738	4,805	7,543
Thermal	4,476	3,411	7,887
Railways for consumption	157	55	212
Coke and gas plants	416	5,456	5,872
Bunkers for consumption	3	407	410
Consumed at mines	257	-	257
Exports	1,229	-	1,229
Totals	10,707	14,890	25,597
	Canadian	Foreign	Total
Anthracite coal:			
Retail dealers sales	-	148	148
Industrial and other	-	328	328
Totals	-	476	476
	Canadian	United States	Total
Coke:			
Retail dealers sales (domestic use)	13	11	24
Direct from plant for domestic use	6	-	6
Total sales for domestic use	19	11	30
Industrial	4,556	247	4,803
Exported	78	-	78
Totals	4,653	258	4,911
	Canadian including sub-bituminous and lignite	United States	Total
Balance:¹			
Bituminous coal:			
Produced and imported	11,392	15,748	27,140
Change in stock	- 326	- 664	- 990
Available for consumption	11,066	15,084	26,150
Reported consumed	10,707	14,890	25,597
	Canadian	Foreign	Total
Anthracite coal:			
Imported	-	582	582
Change in stock	-	- 3	- 3
Available for consumption	-	579	579
Reported consumed	-	476	476
	Canadian	United States	Total
Coke:			
Produced and imported	4,426	553	4,979
Change in stock	+ 42	- 11	+ 31
Available for consumption	4,468	542	5,010
Reported consumed	4,653	258	4,911

¹ Data for 1966.

TABLE 16. Imported Fuel Briquettes "Landed in Canada", 1964-66

Province	1964	1965	1966
	short tons		
Newfoundland	—	—	—
Prince Edward Island	—	—	—
Nova Scotia	—	—	—
New Brunswick	—	—	—
Quebec	91	47	—
Central Ontario	2,276	4,681	3,011
Manitoba and Head of Lakes	3,403	2,714	1,745
Saskatchewan	30	—	—
Alberta	—	—	—
British Columbia and Yukon	183	158	289
Canada	5,983	7,600	5,045

TABLE 17. Production of Coke, 1957-66

Year	Bee-hive and by-product coke	Gas retort coke	Total
	short tons		
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
1964	4,342,982
1965	4,368,791
1966	4,426,051

TABLE 18. Bituminous Coal Used in Coke Making and Coke Made, 1966

	Canadian	Imported	Total	Coke made
	short tons			
January	29,750	476,705	506,455	375,259
February	31,301	428,318	459,619	343,259
March	35,128	470,599	505,727	378,598
April	34,138	464,183	498,321	372,646
May	61,508	458,558	520,066	391,594
June	36,716	454,148	490,864	366,130
July	37,267	486,231	523,498	388,989
August	33,048	457,615	490,663	366,864
September	29,348	458,438	487,786	372,966
October	29,809	468,609	498,418	383,845
November	27,645	442,746	470,391	348,676
December	28,318	410,451	438,769	337,225
Totals	413,976	5,476,601	5,890,577	4,426,051

TABLE 19. Disposition of Coke by the Producers, 1966 (Exclusive of petroleum and pitch coke)

	Used		Sold				Total disposition
	In blast furnaces	Other uses ¹	For domestic use	For industrial use	To dealers for resale	For export	
	short tons						
January	342,090	9,163	1,112	45,810	2,797	7,911	408,883
February	306,176	8,544	850	42,954	2,685	7,092	368,301
March	335,781	8,121	466	51,477	1,880	6,794	404,519
April	316,798	7,469	355	51,028	1,473	6,970	384,093
May	326,122	7,928	227	56,795	2,169	7,254	400,495
June	311,220	7,755	176	49,277	1,849	6,810	377,087
July	325,730	9,560	51	38,031	2,005	6,788	382,165
August	291,225	9,549	182	36,587	2,038	5,490	345,071
September	326,163	10,094	625	40,384	9,272	6,246	392,784
October	343,029	10,541	743	36,277	11,615	7,967	410,172
November	320,638	9,536	706	31,161	12,985	8,152	383,178
December	255,019	8,847	763	40,654	1,005	8,737	315,025
Totals	3,799,991	107,107	6,256	520,435	51,773	86,211	4,571,773

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

TABLE 20. Production, Landed Imports and Exports of Coke, by Months, 1965 and 1966

	Production		Landed imports		Exports		Available for consumption	
	1965	1966	1965	1966	1965	1966	1965	1966
	short tons							
January	374,053	375,259	33,057	33,295	3,958	5,582	403,152	402,972
February	325,547	343,259	30,350	37,331	2,408	7,745	353,489	372,845
March	365,158	378,598	39,414	38,022	6,855	6,349	397,717	410,271
April	355,251	372,646	46,038	63,005	5,945	5,540	395,344	430,111
May	372,821	391,594	39,575	54,859	5,826	7,158	406,570	439,295
June	359,649	366,130	35,112	49,013	8,555	6,336	386,206	408,807
July	378,823	388,989	48,562	50,582	6,365	6,315	421,020	433,256
August	377,928	366,864	72,824	37,101	3,036	6,368	447,716	397,597
September	365,040	372,966	49,096	48,730	6,143	4,813	407,993	416,883
October	369,380	383,845	42,226	43,270	7,867	6,384	403,739	420,731
November	357,882	348,676	52,381	46,896	6,840	7,550	403,423	388,022
December	367,259	337,225	46,905	51,041	7,733	7,812	406,431	380,454
Totals	4,368,791	4,426,051	535,540	553,145	71,531	77,952	4,832,800	4,901,244

TABLE 21. Average Value of Coal f.o.b. Mines; Labour, Fuel and Electricity Costs per Ton Raised, by Provinces and Districts, 1965 and 1966

	1965			1966		
	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					
Nova Scotia:						
Bituminous:						
Cape Breton	11.13	6.46	.49	13.56	6.77	.49
Cumberland	8.58	5.87	.43	8.01	6.25	.46
Inverness	8.52	5.18	.49	8.40	5.59	.50
Pictou	11.61	5.82	.20	13.52	7.89	.26
Totals	11.00	6.36	.46	13.27	6.81	.47
New Brunswick:						
Bituminous	8.98	3.35	.70	8.80	3.57	.70
Saskatchewan:						
Lignite	1.80	.50	.09	1.79	.51	.09
Alberta:						
Bituminous:						
Cascade	8.19	5.42	.47	8.31	5.05	.38
Coalspur	7.47	3.10	.32	—	—	—
Crow's Nest	6.16	3.76	.40	6.22	3.53	.39
Halcourt	—	—	—	—	—	—
Lethbridge	5.66	8.67	.13	7.45	8.03	.35
Totals, bituminous	6.72	4.27	.42	6.83	4.32	.39
Sub-bituminous:						
Ardley	3.67	.70	.15	3.73	.78	.15
Brooks	5.91	5.72	1.84	5.45	6.78	2.04
Camrose	3.75	1.52	.29	3.34	1.22	.47
Carbon	5.92	1.50	.27	6.34	2.27	.26
Castor	2.38	.63	.17	2.33	.63	.16
Champion	7.64	4.99	.38	8.41	2.99	.43
Drumheller	5.95	1.71	.17	5.98	2.23	.20
Edmonton	4.95	2.67	.14	5.17	2.81	.13
Gleichen	8.55	4.48	1.21	—	—	—
Pembina	1.13	.39	.04	1.10	.37	.04
Redcliff	8.55	3.53	.58	8.48	5.15	.57
Sheerness	2.15	.71	.14	2.14	.76	.14
Taber	4.00	1.25	.26	3.74	1.79	.51
Tofield	3.16	.91	.20	3.36	1.00	.23
Westlock	3.79	1.03	.20	3.90	.87	.17
Wetaskiwin	5.75	1.76	.77	6.14	1.37	.52
Totals, sub-bituminous	2.52	.81	.13	2.30	.80	.12
Totals, Alberta	3.58	1.68	.20	3.47	1.69	.19
British Columbia:						
Bituminous:						
Crow's Nest Pass	6.93	2.59	.32	7.36	2.38	.19
Inland	10.69	4.66	.59	8.10	3.86	.43
Island	11.24	6.83	.35	10.85	6.49	.23
Totals	7.12	2.79	.32	7.43	2.46	.23
Yukon:						
Bituminous	9.73	4.78	.80	8.23	8.12	.97
Canada	6.57	3.38	.33	7.31	3.43	.31

TABLE 22. Employees, Salaries and Wages in Coal Mines, by Provinces, 1965 and 1966

Province	Number of man-days worked			Average number of employees			Salaries and wages			
	Surface	Underground	Total	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
					Surface	Underground				
	number						dollars			
1965										
Nova Scotia	205,994	1,332,234	1,538,228	418	610	5,249	6,277	2,188,882	24,099,087	26,287,969
New Brunswick	164,870	62,472	227,342	62	510	252	824	276,588	3,061,871	3,338,459
Saskatchewan	47,139	—	47,139	32	169	—	201	199,922	837,201	1,037,123
Alberta	165,592	123,897	289,489	160	539	487	1,186	817,253	4,915,367	5,732,620
British Columbia	47,235	81,633	128,868	69	164	346	579	413,425	2,298,216	2,711,641
Yukon	699	1,682	2,381	1	2	6	9	7,800	34,230	42,030
Canada	631,529	1,601,918	2,233,447	742	1,994	6,340	9,076	3,903,870	35,245,972	39,149,842
1966										
Nova Scotia	191,720	1,332,390	1,524,110	417	539	4,919	5,875	2,187,834	24,054,263	26,242,097
New Brunswick	155,848	61,174	217,022	62	471	256	789	283,647	2,925,495	3,209,142
Saskatchewan	43,767	—	43,767	29	166	—	195	190,162	863,638	1,053,820
Alberta	158,144	116,513	274,657	157	522	461	1,140	876,135	4,991,613	5,867,748
British Columbia	57,451	80,850	138,301	88	173	298	559	423,507	2,248,918	2,672,425
Yukon	793	1,028	1,821	1	2	3	6	8,500	37,547	46,047
Canada	607,723	1,591,955	2,199,678	754	1,873	5,937	8,564	3,969,805	35,121,474	39,091,279

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

TABLE 23. Employment at Coal Mines, 1965 and 1966

	1965			1966		
	Underground mines	Strip mines	Total	Underground mines	Strip mines	Total
Average number of employees:						
Surface	1,250	1,086 ^r	2,336 ^r	1,227	995	2,222
Underground	6,740 ^r	...	6,740 ^r	6,342	...	6,342
Totals	7,990^r	1,086^r	9,076^r	7,569	995	8,564
Man-days worked:						
Surface	338,536	292,993	631,529	340,798	266,925	607,723
Underground	1,601,918	...	1,601,918	1,591,955	...	1,591,955
Totals	1,940,454	292,993	2,233,447	1,932,753	266,925	2,199,678
Average number of man-days worked during year:						
By surface employees	271	270	270	278	269	274
By underground employees	238	...	238	251	...	251
By all employees	243	270	246	255	269	257

TABLE 24. Employment and Man-days Worked, by Months, 1966, with Comparative Totals for 1965

Month	Number of employees			Man-days worked		
	Surface	Underground	Total	Surface	Underground	Total
January	2,441	6,891	9,332	57,941	143,792	201,733
February	2,392	6,735	9,127	52,755	137,971	190,726
March	2,232	6,669	8,901	54,261	145,165	199,426
April	2,184	6,515	8,699	48,004	133,457	181,461
May	2,154	6,482	8,636	48,893	135,163	184,056
June	2,158	6,260	8,418	51,407	141,485	192,892
July	2,198	6,173	8,371	40,399	117,535	157,934
August	2,122	6,162	8,284	46,243	96,296	142,539
September	2,144	6,007	8,151	46,762	123,287	170,049
October	2,284	6,009	8,293	53,262	149,320	202,582
November	2,255	6,073	8,328	53,271	139,936	193,207
December	2,333	6,147	8,480	54,525	128,548	183,073
Totals for 1966 .....	...	...	...	607,723	1,591,955	2,199,678
Totals for 1965 .....	...	...	...	631,529	1,601,918	2,233,447

TABLE 25. Employment at Coal Mines, by Classes, 1966 with Comparative Totals for 1965

Classification	Average number of employees		Man-days worked		Average number of man-days worked/year	
	Surface	Underground	Surface	Underground	Surface	Underground
Underground mines						
Mine manager, underground manager, overmen pit bosses, fire bosses, foremen, etc.,	103	405	29,505	118,322	286	292
Administrative and office staff	133	...	35,634	...	267	...
Foremen and other officials on wages	19	127	5,430	36,281	286	286
Miners: all men on hand and mechanical production .....	...	1,663	...	406,318	...	244
Maintenance: timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics	57	2,579	14,522	654,592	255	254
Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen	139	986	40,309	245,636	290	249
Tipple, preparation and shipping	343	...	87,283	...	254	...
Powerhouse, boilers and shops	249	...	73,812	...	296	...
Miscellaneous	184	582	54,303	130,806	295	225
Strip mines						
(Includes employees of contractors)						
Salaried employees	113	...	29,357	...	261	...
Wage-earners	882	...	237,568	...	270	...
Totals for 1966	2,222	6,342	607,723	1,591,955	274	251
Totals for 1965	2,336	6,740	631,529	1,601,918	270	238

TABLE 26. Average Production of Coal per Man-day, by Strip and Underground Mines, and by Provinces, 1965 and 1966

Year	1965			1966		
	Number of man-days	Production	Average production per man-day	Number of man-days	Production	Average production per man-day
		short tons			short tons	
Nova Scotia:						
Strip mines	—	—	—	—	—	2.93
Underground	1,538,073	4,134,161	2.69	1,524,110	3,854,534	2.53
New Brunswick:						
Strip mines	151,184	853,088	5.64	141,247	752,666	5.33
Underground	76,158	143,240	1.88	75,775	145,649	1.93
Saskatchewan:						
Strip mines	47,139	2,063,933	43.78	43,767	2,078,165	47.48
Underground	—	—	—	—	—	—
Alberta:						
Strip mines	88,717	2,436,764	27.47	75,991	2,426,345	31.93
Underground	200,772	977,164	4.87	198,666	1,040,909	5.24
British Columbia:						
Strip mines	5,953	199,347	33.49	5,920	120,416	20.34
Underground	122,915	772,118	6.28	132,381	967,215	7.31
Yukon:						
Underground	2,381	8,801	3.70	1,821	5,670	3.11
Canada:						
Strip mines	292,993	5,553,132	18.95	266,925	5,377,592	20.15
Underground	1,940,299	6,035,484	3.11	1,932,753	6,013,977	3.11
Totals	2,233,292	11,588,616	5.19	2,199,678	11,391,569	5.18

TABLE 27. Capital and Repair Expenditures, 1958-66

	Capital expenditures			Repair expenditures			Capital and repair expenditures		
	Con-struction	Machinery	Total	Con-struction	Machinery	Total	Con-struction	Machinery	Total
	thousands of dollars								
1958	661	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	9,643
1963	434	1,989	2,423	533	3,698	4,231	967	5,687	6,654
1964	3,855	3,901	7,756	610	4,088	4,698	4,465	7,989	12,454
1965	865	2,955	3,820	979	6,265	7,244	1,844	9,220	11,064
1966	891	2,103	2,994	404	8,118	8,522	1,295	10,221	11,516

1 Compiled by Business Finance Division, DBS.

SECTION II
NEWFOUNDLANDTABLE 28. Summary of Coal Statistics for Newfoundland in 1966 - Interprovincial Shipments, Landed imports
by Months and by Kinds

Month	Canadian coal received from other provinces	Imported coal	
		From United States	From Great Britain
short tons			
January:			
Anthracite	-	-	-
Bituminous	3,069	2,713	-
Totals	3,069	2,713	-
February:			
Anthracite	-	-	-
Bituminous	1,768	-	-
Totals	1,768	-	-
March:			
Anthracite	-	-	-
Bituminous	518	-	-
Totals	518	-	-
April:			
Anthracite	-	-	-
Bituminous	1,738	3,073	-
Totals	1,738	3,073	-
May:			
Anthracite	-	-	-
Bituminous	6,783	-	-
Totals	6,783	-	-
June:			
Anthracite	-	-	-
Bituminous	2,930	-	-
Totals	2,930	-	-
July:			
Anthracite	-	-	-
Bituminous	2,179	3,101	-
Totals	2,179	3,101	-
August:			
Anthracite	-	-	-
Bituminous	1,270	1,325	-
Totals	1,270	1,325	-
September:			
Anthracite	-	-	-
Bituminous	7,341	-	-
Totals	7,341	-	-

TABLE 28. Summary of Coal Statistics for Newfoundland in 1966 – Interprovincial Shipments, Landed Imports by Months and by Kinds – Concluded

Month	Canadian coal received from other provinces	Imported coal	
		From United States	From Great Britain
short tons			
October:			
Anthracite	—	—	—
Bituminous	5,883	—	—
Totals	5,883	—	—
November:			
Anthracite	—	—	—
Bituminous	6,882	—	—
Totals	6,882	—	—
December:			
Anthracite	—	—	—
Bituminous	6,468	—	—
Totals	6,468	—	—
Totals:			
Anthracite	—	—	—
Bituminous	46,829	10,212	—
Totals	46,829	10,212	—

TABLE 29. Sales and stocks of Coal and Coke, by Retail Fuel Dealers¹ in Newfoundland, 1965 and 1966

Kind	Sales		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
short tons				
Canadian coals:				
Bituminous	28,193	24,489	11,400	895
Sub-bituminous	—	—	—	—
Lignite	—	—	—	—
Briquettes	—	—	—	—
Total Canadian coals	28,193	24,489	11,400	895
Foreign coals:				
Anthracite	1,815	1,545	1,379	860
Bituminous	23,630	17,156	2,608	2,885
Briquettes	—	—	—	—
Total foreign coals	25,445	18,701	3,987	3,745
Total all coals	53,638	43,190	15,387	4,640
Coke (from coal):				
Canadian made	—	—	—	—
Foreign made	—	—	—	—
Total all coke	—	—	—	—
Total coal and coke	53,638	43,190	15,387	4,640

¹ Does not include firms selling less than 1,000 tons per annum.

SECTION III
PRINCE EDWARD ISLAND

**TABLE 30. Summary of Coal Statistics for Prince Edward Island in 1966—Interprovincial Shipments,
Landed Imports, by Months and by Kinds**

Month	Canadian coal received from other provinces	Imports
short tons		
Bituminous coal		
January	944	—
February	1,119	—
March	390	—
April	2,563	—
May	292	—
June	5,582	—
July	857	—
August	270	—
September	2,446	—
October	2,522	—
November	4,459	—
December	1,321	—
Totals	22,765	—

TABLE 31. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in Prince Edward Island 1965 and 1966

Kind	Sales		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
short tons				
Canadian coals:				
Bituminous	5,046	4,259	843	406
Sub-bituminous	—	—	—	—
Lignite	—	—	—	—
Briquettes	—	—	—	—
Total Canadian coals	5,046	4,259	843	406
Foreign coals:				
Anthracite	183	575	65	113
Bituminous	2,362	1,619	136	300
Briquettes	25	—	5	—
Total foreign coals	2,570	2,194	206	413
Total all coals	7,616	6,453	1,049	819
Coke (from coal):				
Canadian made	150	162	30	30
Foreign made	4	42	6	—
Total all coke	154	204	36	30
Total coal and coke	7,770	6,657	1,085	849

¹ Does not include firms selling less than 1,000 tons per annum.

SECTION IV
NOVA SCOTIA

TABLE 32. Production of Coal from Nova Scotia Mines, 1957 - 66

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1957	5,685,770	52,877,614	1962 ¹	4,204,779	41,713,202
1958	5,269,879	50,347,951	1963	4,554,944	44,693,053
1959	4,391,829	43,730,600	1964	4,293,130	42,827,589
1960	4,570,240	44,981,257	1965	4,134,161	45,486,833
1961	4,300,758	41,716,107	1966	3,854,534	51,518,674

¹ Does not include 458 tons reclaimed from Mira Bay, Cape Breton.**TABLE 33. Production of Coal by Districts in Nova Scotia, 1964 - 66**

District	1964	1965	1966
	short tons		
Cape Breton	3,755,688	3,576,615	3,384,316
Cumberland	133,260	148,975	145,284
Inverness	84,499	86,521	65,721
Pictou	319,683	322,050	259,213
Totals, Nova Scotia	4,293,130	4,134,161	3,854,534

TABLE 34. Disposition of Coal from Nova Scotia Mines, by Grades and Destinations, 1966

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	Value at mines
	short tons							\$
Nova Scotia:								
Shipments to industrial consumers	56,514	28,592	256	5,111	58,274	1,014,836	1,163,583	14,356,659
Shipments to dealers for re-sale	1,848	15,145	3,677	18,356	21,239	63,479	123,744	1,523,417
Sales direct to domestic consumers	11,865	50,472	26,875	52,420	—	8,209	149,841	2,005,577
To employees	3,738	51,332	19,879	15,968	—	2	90,919	717,195
Used in making coke at colliery	—	—	—	—	—	—	—	—
Used in making briquettes	—	—	—	—	—	—	—	—
For colliery boilers, railroads, etc.	1,441	1,030	16	12,179	—	1,229	15,895	213,357
Put on bank .....	...	...	...	...	...	...	569,005	7,548,010
Put on waste heap .....	...	...	...	...	...	...	1,806	—
Nova Scotia total	75,406	146,571	50,703	104,034	79,513	1,087,755	2,114,793	26,364,215
Railways in Canada for own consumption	156	4,279	418	1,147	—	11,147	17,147	228,265
Ships' bunkers for own consumption	—	—	—	—	—	—	—	—
Newfoundland	—	41,863	4,753	213	—	—	46,829	694,108
Prince Edward Island	14	6,484	1,487	838	—	13,942	22,765	292,482
New Brunswick	401	9,930	5,494	18,413	13	176,892	211,143	2,899,355
Quebec	—	5,241	15,115	5,110	76,849	1,018,334	1,120,649	15,351,263
Ontario	—	—	—	1,060	—	959,150	960,210	13,754,449
Manitoba	—	—	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—	—	—
Alberta	—	—	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—	—	—
Yukon	—	—	—	—	—	—	—	—
United States	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—
St. Pierre	—	3,167	13	92	—	—	3,272	43,325
Total disposition	75,977	217,535	77,983	130,907	156,375	3,267,220	4,496,808	59,627,462
Inventory adjustment (plus or minus) .....	...	...	...	...	...	...	+ 7,575	+ 100,485
Less: Lifted from bank .....	...	...	...	...	...	...	636,374	8,030,523
Lifted from waste heap .....	...	...	...	...	...	...	13,475	178,750
Total Nova Scotia production	75,977	217,535	77,983	130,907	156,375	3,267,220	3,854,534	51,518,674

TABLE 35. Summary of Coal Statistics for Nova Scotia in 1966 - Production, Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds

Month	Canadian coal				Imported coal	
	Production	Received from other provinces	Mine shipments		From U.S.A.	From Great Britain
			To other provinces	For export		
	short tons					
January:						
Anthracite	—	—	—	—	—	—
Bituminous	354,098	—	104,510	784	69,599	—
Totals	354,098	—	104,510	784	69,599	—
February:						
Anthracite	—	—	—	—	—	—
Bituminous	339,280	15	115,882	368	52,494	—
Totals	339,280	15	115,882	368	52,494	—
March:						
Anthracite	—	—	—	—	—	—
Bituminous	359,488	—	119,824	—	—	—
Totals	359,488	—	119,824	—	—	—
April:						
Anthracite	—	—	—	—	—	—
Bituminous	315,840	—	184,354	—	17,023	—
Totals	315,840	—	184,354	—	17,023	—
May:						
Anthracite	—	—	—	—	—	—
Bituminous	333,523	—	276,024	258	43,206	—
Totals	333,523	—	276,024	258	43,206	—
June:						
Anthracite	—	—	—	—	—	—
Bituminous	352,606	—	267,469	145	49,344	—
Totals	352,606	—	267,469	145	49,344	—
July:						
Anthracite	—	—	—	—	—	—
Bituminous	278,704	—	269,330	201	17,489	—
Totals	278,704	—	269,330	201	17,489	—
August:						
Anthracite	—	—	—	—	—	—
Bituminous	196,405	—	196,079	297	39,852	—
Totals	196,405	—	196,079	297	39,852	—
September:						
Anthracite	—	—	—	—	—	—
Bituminous	356,771	—	314,123	463	56,409	—
Totals	356,771	—	314,123	463	56,409	—
October:						
Anthracite	—	—	—	—	—	—
Bituminous	322,930	—	246,025	197	62,947	—
Totals	322,930	—	246,025	197	62,947	—
November:						
Anthracite	—	—	—	—	—	—
Bituminous	350,954	—	165,333	309	48,383	—
Totals	350,954	—	165,333	309	48,383	—
December:						
Anthracite	—	—	—	—	—	—
Bituminous	293,935	—	102,643	250	46,513	—
Totals	293,935	—	102,643	250	46,513	—
Totals:						
Anthracite	—	—	—	—	—	—
Bituminous	3,854,534	15	2,361,596	3,272	503,259	—
Totals	3,854,534	15	2,361,596	3,272	503,259	—

TABLE 36. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in Nova Scotia, 1965 and 1966

Kind	Sales		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous.....	98,247	124,498	6,053	4,495
Sub-bituminous	551	—	—	—
Lignite.....	—	—	—	—
Briquettes.....	—	—	—	—
Total Canadian coals	98,798	124,498	6,053	4,495
Foreign coals:				
Anthracite.....	3,501	2,197	1,452	1,177
Bituminous.....	25	120	25	40
Briquettes.....	51	—	12	—
Total foreign coals.....	3,577	2,317	1,489	1,217
Total all coals	102,375	126,815	7,542	5,712
Coke (from coal):				
Canadian made.....	1,136	788	198	143
Foreign made.....	—	—	—	—
Total all coke.....	1,136	788	198	143
Total coal and coke	103,511	127,603	7,740	5,855

¹ Does not include firms selling less than 1,000 tons per annum.

TABLE 37. Consumption and Stocks of Coal and Coke, by Industrial Consumers¹ in Nova Scotia, 1965 and 1966

Kind	Consumption		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous:				
(a) Slack.....	773,607	959,985	23,989	18,623
(b) Stoker and other sizes	11,416	6,670	364	180
Total bituminous.....	785,023	966,655	24,353	18,803
Sub-bituminous.....	—	—	—	—
Lignite.....	—	—	—	—
Total Canadian coals.....	785,023	966,655	24,353	18,803
Foreign coals:				
Anthracite.....	—	—	—	—
Bituminous:				
High volatile:				
(a) slack.....	—	—	—	—
(b) Stoker and other sizes	—	—	—	—
Low volatile:				
(a) slack.....	—	—	—	—
(b) stoker and other sizes	—	—	—	—
Total bituminous.....	—	—	—	—
Total foreign coals.....	—	—	—	—
Total all coals.....	785,023	966,655	24,353	18,803
Coke:				
Canadian made coal coke.....	345,819	403,177	—	—
Foreign made coal coke.....	—	—	—	—
Petroleum coke.....	—	—	—	—
Total coke.....	345,819	403,177	—	—
Total coal and coke	1,130,842	1,369,832	24,353	18,803

¹ Does not include firms using less than 1,000 tons of coal per annum.

TABLE 38. Employees, Salaries and Wages, Number of Man-days Worked in the Coal Mines of Nova Scotia, by Districts, 1965 and 1966

District	Number of man-days worked			Average number of employees			Salaries and wages			
	Surface	Underground	Total	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
					Surface	Underground				
1965										
Cape Breton	166,088	1,154,750	1,320,838	366	491	4,534	5,391	2,059,923	21,031,079	23,091,002
Cumberland	10,685	52,515	63,200	6	30	199	235	25,422	848,659	874,081
Inverness	8,724	20,636	29,360	8	27	86	121	45,641	402,896	448,537
Pictou	20,497	104,178	124,675	38	62	430	530	57,896	1,816,453	1,874,349
Totals	205,994	1,332,079	1,538,073	418	610	5,249	6,277	2,188,882	24,099,087	26,287,969
1966										
Cape Breton	154,239	1,156,864	1,311,103	366	427	4,240	5,033	1,949,947	20,970,178	22,920,125
Cumberland	10,150	54,139	64,289	5	30	200	235	27,335	880,864	908,199
Inverness	7,019	14,505	21,524	7	21	58	86	37,459	330,205	367,664
Pictou	20,312	106,882	127,194	39	61	421	521	173,093	1,873,016	2,046,109
Totals	191,720	1,332,390	1,524,110	417	539	4,919	5,875	2,187,834	24,054,263	26,242,097

TABLE 39. Employment at Coal Mines in Nova Scotia, by Classes, 1966 with Comparative Totals for 1965

Classification	Average number of employees		Man-days worked		Average number of man-days worked/year	
	Surface	Underground	Surface	Underground	Surface	Underground
Underground mining						
Salaried employees:						
Mine manager, underground manager, overmen, pit bosses, fire bosses, foremen, etc.	52	319	16,147	96,845	311	304
Administrative and office staff	46	...	13,491	...	293	...
Total salaried employees	98	319	29,638	96,845	302	304
Wage-earners:						
Foremen and other officials on wages	9	98	2,665	29,922	296	305
Miners; all men on hand and mechanical production .....	...	1,017	...	259,866	...	256
Maintenance; timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.	9	2,385	2,489	604,705	277	254
Transportation; drivers, rope riders, chute loaders, trip riders, mine tracks and hoistmen	71	840	23,334	210,862	329	251
Tipple, preparation and shipping	144	...	37,621	...	261	...
Powerhouse, boilers and shops	178	...	55,194	...	310	...
Miscellaneous	128	579	40,779	130,190	319	225
Total wage-earners	539	4,919	162,082	1,235,545	301	251
Strip mining						
(Includes employees of contractors)						
Salaried employees	-	...	-	...	-	...
Wage-earners	-	...	-	...	-	...
Totals	-	...	-	...	-	...
Total employment						
Total salaried employees	98	319	29,638	96,845	302	304
Total wage-earners	539	4,919	162,082	1,235,545	301	251
Totals for 1966	637	5,238	191,720	1,332,390	301	254
Totals for 1965	710	5,567	205,994	1,332,079	290	239

SECTION V
NEW BRUNSWICK

TABLE 40. Production of Coal from New Brunswick Mines, 1957-66

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1957	976,597	8,189,859	1962	815,529	6,752,042
1958	790,719	6,621,369	1963	886,336	7,232,170
1959	1,003,387	8,347,215	1964	1,003,362	8,454,869
1960	1,028,064	8,663,339	1965	996,328	8,637,619
1961	887,903	7,526,647	1966	898,315	7,892,427

TABLE 41. Disposition of Coal from New Brunswick Mines, by Grades and Destinations, 1966

	Run of mine	Lump, cobble or egg	Nut or stove	Prepared Stoker	Nut-slack	Slack	Total	Value at mines
	short tons							\$
New Brunswick:								
Shipments to industrial consumers	53,115	27,567	—	724	—	636,539	717,945	6,329,117
Shipments to dealers for re-sale	64,918	—	—	10,933	1,887	15,557	93,295	769,921
Sales direct to domestic consumers	2,754	—	35	—	—	—	2,789	26,238
To employees	1,235	255	307	—	—	—	1,797	15,034
Used in making coke at colliery	—	—	—	—	—	—	—	—
Used in making briquettes	—	—	—	—	—	—	—	—
For colliery boilers, railroads, etc.	1,392	—	—	—	—	—	1,392	11,036
Put on bank .....	...	...	...	...	...	...	27,866	225,294
Put on waste heap .....	...	...	...	...	...	...	1,572	—
New Brunswick total	123,414	27,822	342	11,657	1,887	632,096	846,656	7,376,660
Railways in Canada for own consumption	—	—	1,901	—	—	—	1,901	18,493
Ships' bunkers for own consumption	—	—	—	—	—	—	—	—
Newfoundland	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—
Quebec	—	—	—	23,133	2,808	40,080	66,021	623,697
Ontario	—	—	—	—	—	5	5	50
Manitoba	—	—	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—	—	—
Alberta	—	—	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—	—	—
Yukon	—	—	—	—	—	—	—	—
United States	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—
St. Pierre	—	—	—	—	—	—	—	—
Total disposition	123,414	27,822	2,243	34,790	4,695	692,181	914,583	8,018,900
Inventory adjustment (plus or minus) .....	...	...	...	...	...	...	- 271	- 2,386
Less: Lifted from bank .....	...	...	...	...	...	...	15,887	123,317
Lifted from waste heap .....	...	...	...	...	...	...	110	770
Total New Brunswick production	123,414	27,822	2,243	34,790	4,695	692,181	898,315	7,892,427

TABLE 42. Summary of Coal Statistics for New Brunswick in 1966 - Production, Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds

Month	Canadian coal				Imported coal	
	Production	Received from other provinces	Mine shipments		From U.S.A.	From Great Britain
			To other provinces	For exports		
	short tons					
Bituminous						
January	80,193	19,940	6,091	-	-	-
February	73,418	18,205	5,947	-	-	-
March	72,485	20,481	7,053	-	-	-
April	67,109	16,950	5,586	-	-	-
May	69,130	17,583	6,535	-	-	-
June	61,107	10,426	4,388	-	-	-
July	66,221	13,057	5,808	-	-	-
August	85,423	8,619	3,464	-	-	-
September	89,969	19,013	2,464	-	-	-
October	81,363	21,989	6,266	-	-	-
November	80,447	26,228	6,376	-	-	-
December	71,450	18,652	6,048	-	-	-
Totals	898,315	211,143	66,026	-	-	-

TABLE 43. Sales and Stocks of Coal and Coke by Retail Dealers¹ in New Brunswick 1965 and 1966

Kind	Sales		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous	26,598	15,767	3,543	2,450
Sub-bituminous	955	1,304	100	24
Lignite	247	-	15	-
Briquettes	-	-	-	-
Total Canadian coals	27,800	17,071	3,658	2,474
Foreign coals:				
Anthracite	3,379	2,474	1,082	1,000
Bituminous	2,116	1,842	365	205
Briquettes	418	238	142	97
Total foreign coals	5,913	4,554	1,589	1,302
Total all coals	33,713	21,625	5,247	3,776
Coke (from coal):				
Canadian made	1,008	641	144	130
Foreign made	197	169	14	-
Total all coke	1,205	810	158	130
Total coal and coke	34,918	22,435	5,405	3,906

¹ Does not include firms selling less than 1,000 tons per annum.

TABLE 44. Consumption and Stocks of Coal and Coke, by Industrial Consumers¹ in New Brunswick, 1965 and 1966

Kind	Consumption		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous:				
(a) Slack	764,078	737,154	102,329	92,781
(b) Stoker and other sizes	68,320	55,553	31	—
Total bituminous	832,398	792,707	102,360	92,781
Sub-bituminous	—	—	—	—
Lignite	—	—	—	—
Total Canadian coals	832,398	792,707	102,360	92,781
Foreign coals:				
Anthracite	—	—	—	—
Bituminous:				
High volatile:				
(a) Slack	—	—	—	—
(b) Stoker and other sizes	—	—	—	—
Low volatile:				
(a) Slack	—	—	—	—
(b) Stoker and other sizes	—	—	—	—
Total bituminous	—	—	—	—
Total foreign coals	—	—	—	—
Total all coals	832,398	792,707	102,360	92,781
Coke:				
Canadian made coal coke	746	84	53	—
Foreign made coal coke	—	—	—	—
Petroleum coke	—	—	—	—
Total coke	746	84	53	—
Total coal and coke	833,144	792,791	102,413	92,781

¹ Does not include firms using less than 1,000 tons of coal per annum.

TABLE 45. Employment at Coal Mines in New Brunswick, by Classes, 1966 with Comparative Totals for 1965

Classification	Average number of employees		Man-days worked		Average number of man-days worked/year	
	Surface	Under-ground	Surface	Under-ground	Surface	Under-ground
Underground mining						
Salaried employees:						
Mine manager, underground manager, overmen, pit bosses, fire bosses, foremen, etc.	9	3	2,729	915	322	305
Administrative and office staff	12	...	3,245	...	270	...
Total salaried employees	21	3	5,974	915	284	305
Wage-earners:						
Foremen and other officials on wages.....	1	1	145	313	145	313
Miners: all men on hand and mechanical production .....	...	238	...	55,371	...	233
Maintenance; timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.	14	17	3,785	4,575	270	269
Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen	3	-	906	-	302	-
Tipple, preparation and shipping	8	...	2,250	...	281	...
Powerhouse, boilers and shops	2	...	550	...	275	...
Miscellaneous	4	-	991	-	248	-
Total wage-earners	32	256	8,627	60,259	270	235
Strip mining						
(Includes employees of contractors)						
Salaried employees	38	...	10,286	...	271	...
Wage-earners:						
Foremen and other officials on wages.....	15	...	4,940	...	293	...
Tipple, preparation and shipping	142	...	42,734	...	301	...
Powerhouse, boilers and shops	54	...	16,412	...	304	...
Miscellaneous	228	...	66,875	...	293	...
Total wage-earners	439	...	130,961	...	298	...
Total employment						
Total salaried employees	59	3	16,260	915	276	305
Total wage-earners.....	471	256	139,588	60,259	296	235
Totals for 1966	530	259	155,848	61,174	294	236
Totals for 1965	570	254	164,870	62,472	289	246

SECTION VI

QUEBEC

TABLE 46. Summary of Coal Statistics for Quebec in 1966 - Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds

Month	Canadian coal		Imported coal ¹	
	Received from other provinces	Exported	From U.S.A.	From Great Britain
	short tons			
January:				
Anthracite	-	-	4,270	-
Bituminous	72,506	-	25,719	-
Sub-bituminous	-	-	-	-
Totals	72,506	-	29,989	-
February:				
Anthracite	-	-	4,751	-
Bituminous	86,094	-	24,275	-
Sub-bituminous	-	-	-	-
Totals	86,094	-	29,026	-
March:				
Anthracite	-	-	3,055	-
Bituminous	88,071	-	30,096	-
Sub-bituminous	-	-	-	-
Totals	88,071	-	33,151	-
April:				
Anthracite	-	-	2,976	-
Bituminous	69,221	-	51,175	-
Sub-bituminous	-	-	-	-
Totals	69,221	-	54,151	-
May:				
Anthracite	-	-	31,933	-
Bituminous	95,565	-	73,795	-
Sub-bituminous	-	-	-	-
Totals	95,565	-	105,728	-
June:				
Anthracite	-	-	71,782	-
Bituminous	131,375	-	89,664	-
Sub-bituminous	-	-	-	-
Totals	131,375	-	161,446	-
July:				
Anthracite	-	-	27,304	-
Bituminous	121,554	10	45,016	-
Sub-bituminous	-	-	-	-
Totals	121,554	10	72,320	-
August:				
Anthracite	-	-	33,888	-
Bituminous	103,992	-	64,830	-
Sub-bituminous	-	-	-	-
Totals	103,992	-	98,718	-
September:				
Anthracite	-	-	34,915	-
Bituminous	124,471	-	72,974	-
Sub-bituminous	-	-	-	-
Totals	124,471	-	107,889	-
October:				
Anthracite	-	-	41,480	-
Bituminous	141,035	-	65,956	-
Sub-bituminous	-	-	-	-
Totals	141,035	-	107,436	-
November:				
Anthracite	-	-	21,611	-
Bituminous	95,542	-	81,487	-
Sub-bituminous	-	-	-	-
Totals	95,542	-	103,098	-
December:				
Anthracite	-	-	6,988	-
Bituminous	57,244	-	35,312	-
Sub-bituminous	-	-	-	-
Totals	57,244	-	42,300	-
Totals:				
Anthracite	-	-	284,953	-
Bituminous	1,186,670	10	660,299	-
Sub-bituminous	-	-	-	-
Totals	1,186,670	10	945,252	-

¹ Briquettes are not included.

TABLE 47. Sales and Stocks of Coal and Coke by Retail Fuel Dealers,¹ by Selected Areas in Quebec, 1966

Kind	Eastern Quebec area		Central Quebec area		Western Quebec area		Total Quebec	
	Sales	Stocks Dec. 31, 1966	Sales	Stocks Dec. 31, 1966	Sales	Stocks Dec. 31, 1966	Sales	Stocks Dec. 31, 1966
	short tons							
Canadian coals:								
Bituminous	112,460	924	24,551	60	—	—	137,011	984
Sub-bituminous	—	—	—	—	—	—	—	—
Lignite	—	—	—	—	—	—	—	—
Briquettes	—	—	—	—	—	—	—	—
Total Canadian coals	112,460	924	24,551	60	—	—	137,011	984
Foreign coals:								
Anthracite	4,765	284	14,731	1,153	134	—	19,630	1,437
Bituminous	32,956	9,254	51,142	956	6,797	139	90,895	10,349
Briquettes	—	—	294	—	1,240	59	1,534	59
Total foreign coals	37,721	9,538	66,167	2,109	8,171	198	112,059	11,845
Total all coals	150,181	10,462	90,718	2,169	8,171	198	249,070	12,829
Coke (from coal):								
Canadian made	4,016	406	4,339	49	—	—	8,355	455
Foreign made	—	—	—	—	—	—	—	—
Total all coke	4,016	406	4,339	49	—	—	8,355	455
Total coal and coke	154,197	10,868	95,057	2,218	8,171	198	257,425	13,284

¹ Does not include firms selling less than 1,000 tons per annum.TABLE 48. Consumption and Stocks of Coal and Coke by Industrial Consumers,¹ by Selected Areas in Quebec, 1966

Kind	Eastern Quebec area		Central Quebec area		Western Quebec area		Total Quebec	
	Con- sumption	Stocks Dec. 31, 1966	Con- sumption	Stocks Dec. 31, 1966	Con- sumption	Stocks Dec. 31, 1966	Con- sumption	Stocks Dec. 31, 1966
	short tons							
Canadian coals:								
Bituminous:								
(a) Slack	298,851	126,045	539,320	145,853	230,080	19,782	1,068,251	291,680
(b) Stoker and other sizes	46	—	45,596	6,646	—	—	45,642	6,646
Total bituminous	298,897	126,045	584,916	152,499	230,080	19,782	1,113,893	298,326
Sub-bituminous	—	—	—	—	—	—	—	—
Lignite	—	—	—	—	—	—	—	—
Total Canadian coals	298,897	126,045	584,916	152,499	230,080	19,782	1,113,893	298,326
Foreign coals:								
Anthracite	—	—	166,120	110,127	320	49	166,440	110,176
Bituminous:								
High volatile:								
(a) Slack	21,761	21,273	7,807	1,789	95,809	38,705	125,377	61,767
(b) Stoker and other sizes	11,472	107	42,600	15,420	1,956	1,171	56,028	16,698
Low volatile:								
(a) Slack	150	—	3,872	127	6,686	4,696	10,708	4,823
(b) Stoker and other sizes	217	—	53,462	6,664	—	—	53,679	6,664
Total bituminous	33,600	21,380	107,741	24,000	104,451	44,572	245,792	89,952
Total foreign coals	33,600	21,380	273,861	134,127	104,771	44,621	412,232	200,128
Total all coals	332,497	147,425	858,777	286,626	334,851	64,403	1,526,125	498,454
Coke:								
Canadian made coal coke	4,160	43	95,977	5,481	2,594	—	102,731	5,524
Foreign made coal coke	—	—	27,788	18,139	121	163	27,909	18,302
Petroleum coke	347,948	91,072	120,584	16,082	—	—	468,532	107,154
Total coke	352,108	91,115	244,349	39,702	2,715	163	599,172	130,980
Total coal and coke	684,605	238,540	1,103,126	326,328	337,566	64,566	2,125,297	629,434

¹ Does not include firms using less than 1,000 tons of coal per annum.

SECTION VII
ONTARIO

TABLE 49. Summary of Coal Statistics for Ontario in 1966 - Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds

Month	Canadian coal		Imported from U.S.A. ¹	
	Received from other provinces	Exported	Central Ontario	Head of Lakes
	short tons			
January:				
Anthracite	-	-	22,458	-
Bituminous	24,806	139	22,781	466
Sub-bituminous	835	-	-	-
Lignite	25,424	-	-	-
Totals	51,065	139	45,239	466
February:				
Anthracite	-	-	23,742	-
Bituminous	18,992	-	25,510	256
Sub-bituminous	277	-	-	-
Lignite	22,842	-	-	-
Totals	42,111	-	49,252	256
March:				
Anthracite	-	-	16,772	51
Bituminous	18,767	474	47,751	213
Sub-bituminous	40	-	-	-
Lignite	24,850	-	-	-
Totals	43,657	474	64,523	264
April:				
Anthracite	-	-	17,368	52
Bituminous	99,926	80	1,162,746	5,625
Sub-bituminous	-	-	-	-
Lignite	18,062	-	-	-
Totals	117,988	80	1,180,114	5,677
May:				
Anthracite	-	-	24,034	83
Bituminous	163,389	-	1,892,416	14,544
Sub-bituminous	-	-	-	-
Lignite	10,826	-	-	-
Totals	174,215	-	1,916,450	14,627
June:				
Anthracite	-	-	25,604	-
Bituminous	121,948	58	1,917,288	40,071
Sub-bituminous	77	-	-	-
Lignite	10,955	-	-	-
Totals	132,980	58	1,942,892	40,071
July:				
Anthracite	-	-	16,911	120
Bituminous	137,554	-	1,545,983	46,824
Sub-bituminous	-	-	-	-
Lignite	5,820	-	-	-
Totals	143,374	-	1,562,894	46,944

¹Briquettes are not included.

TABLE 49. Summary of Coal Statistics for Ontario in 1966 - Exports, Interprovincial Shipments, Landed Imports,
by Months and by Kinds - Concluded

Month	Canadian coal		Imported from U.S.A. ¹	
	Received from other provinces	Exported	Central Ontario	Head of Lakes
	short tons			
August:				
Anthracite.....	-	-	25,361	-
Bituminous.....	86,399	-	2,127,879	78,972
Sub-bituminous.....	185	-	-	-
Lignite.....	9,276	-	-	-
Totals.....	95,860	-	2,153,240	78,972
September:				
Anthracite.....	-	-	34,925	-
Bituminous.....	165,176	-	2,021,996	81,406
Sub-bituminous.....	941	-	-	-
Lignite.....	3,878	-	-	-
Totals.....	169,995	-	2,056,921	81,406
October:				
Anthracite.....	-	-	33,969	51
Bituminous.....	85,026	124	1,566,956	36,900
Sub-bituminous.....	868	-	-	-
Lignite.....	19,537	-	-	-
Totals.....	105,431	124	1,600,925	36,951
November:				
Anthracite.....	-	-	31,282	-
Bituminous.....	47,260	198	1,484,973	38,846
Sub-bituminous.....	822	-	-	-
Lignite.....	32,867	-	-	-
Totals.....	80,949	198	1,516,255	38,846
December:				
Anthracite.....	-	-	24,405	45
Bituminous.....	35,758	-	380,258	33,252
Sub-bituminous.....	408	-	-	-
Lignite.....	41,115	-	-	-
Totals.....	77,281	-	404,663	33,297
Totals:				
Anthracite.....	-	-	296,831	402
Bituminous.....	1,005,001	1,073	14,196,537	377,375
Sub-bituminous.....	4,453	-	-	-
Lignite.....	225,452	-	-	-
Totals.....	1,234,906	1,073	14,493,368	377,777

¹ Briquettes are not included.

TABLE 50. Sales and Stocks of Coal and Coke by Retail Fuel Dealers,¹ by Selected Areas in Ontario, 1966

No.	Kind	Eastern Ontario area		Lake Ontario area		Central Ontario area	
		Sales	Stocks Dec. 31, 1966	Sales	Stocks Dec. 31, 1966	Sales	Stocks Dec. 31, 1966
short tons							
Canadian coals:							
1	Bituminous	45,930	7,512	—	—	22	16
2	Sub-bituminous	9,218	16	—	—	395	60
3	Lignite	880	37	—	—	339	73
4	Briquettes	289	58	—	—	1,367	119
5	Total Canadian coals	56,317	7,623	—	—	2,123	268
Foreign coals:							
6	Anthracite	20,420	5,825	4,493	616	80,564	18,195
7	Bituminous	94,709	43,175	3,869	199	307,396	121,185
8	Briquettes	82	46	10	—	2,326	456
9	Total foreign coals	115,211	49,046	8,372	815	390,286	139,836
10	Total all coals	171,528	56,669	8,372	815	392,409	140,104
Coke (from coal):							
11	Canadian made	1,275	196	—	—	1,006	197
12	Foreign made	—	—	—	—	9,961	845
13	Total all coke	1,275	196	—	—	10,967	1,042
14	Total coal and coke	172,803	56,865	8,372	815	403,376	141,146

¹ Does not include firms selling less than 1,000 tons of coal per annum.TABLE 51. Consumption and Stocks of Coal and Coke by Industrial Consumers,¹ by Selected Areas in Ontario, 1966

No.	Kind	Eastern Ontario area		Lake Ontario area		Central Ontario area	
		Consumption	Stocks Dec. 31, 1966	Consumption	Stocks Dec. 31, 1966	Consumption	Stocks Dec. 31, 1966
short tons							
Canadian coals:							
Bituminous:							
1	(a) Slack	—	—	—	—	452,927	597,332
2	(b) Stoker and other sizes	—	—	5	—	—	—
3	Total bituminous	—	—	5	—	452,927	597,332
4	Sub-bituminous	—	—	—	—	—	—
5	Lignite	—	—	—	—	—	—
6	Total Canadian coals	—	—	5	—	452,927	597,332
Foreign coals:							
7	Anthracite	—	—	1,091	2	103,184	19,557
Bituminous:							
High volatile:							
8	(a) Slack	22,843	3,047	235,760	150,951	3,855,594	2,514,502
9	(b) Stoker and other sizes	87,229	33,836	49,479	13,516	364,187	70,621
Low volatile:							
10	(a) Slack	24,897	16,924	—	—	9,671	494
11	(b) Stoker and other sizes	50	502	—	—	67,180	1,687
12	Total bituminous	135,019	54,309	285,239	164,467	4,296,632	2,587,304
13	Total foreign coals	135,019	54,309	286,330	164,469	4,399,816	2,606,861
14	Total all coals	135,019	54,309	286,335	164,469	4,852,743	3,204,193
Coke:							
15	Canadian made coal coke	—	—	4,766	1,406	2,427,243	43,000
16	Foreign made coal coke	—	—	—	—	164,323	16,169
17	Petroleum coke	—	—	—	—	91,664	21,332
18	Total coke	—	—	4,766	1,406	2,683,230	80,501
19	Total coal and coke	135,019	54,309	291,101	165,875	7,535,973	3,284,694

¹ Does not include firms using less than 1,000 tons of coal per annum.

TABLE 50. Sales and Stocks of Coal and Coke by Retail Fuel Dealers,¹ by Selected Areas in Ontario, 1966

Southern Ontario area		Northern Ontario area		Lakehead area		Total Ontario		No.
Sales	Stocks Dec. 31, 1966	Sales	Stocks Dec. 31, 1966	Sales	Stocks Dec. 31, 1966	Sales	Stocks Dec. 31, 1966	
short tons								
—	—	514	—	261	10	46,727	7,538	1
222	21	—	—	—	—	9,835	97	2
23	2	—	—	486	47	1,728	159	3
—	—	139	67	—	—	1,795	244	4
245	23	653	67	747	57	60,085	8,038	5
15,321	2,547	638	309	139	115	121,575	27,607	6
213,592	127,303	8,248	3,150	5,097	115	632,911	295,127	7
521	160	235	28	199	55	3,373	745	8
229,434	130,010	9,121	3,487	5,435	285	757,859	323,479	9
229,679	130,033	9,774	3,554	6,182	342	817,944	331,517	10
75	11	400	20	47	40	2,803	464	11
58	28	—	—	—	—	10,019	873	12
133	39	400	20	47	40	12,822	1,337	13
229,812	130,072	10,174	3,574	6,229	382	830,766	332,854	14

¹ Does not include firms selling less than 1,000 tons of coal per annum.TABLE 51. Consumption and Stocks of Coal and Coke by Industrial Consumers,¹ by Selected Areas in Ontario, 1966

Southern Ontario area		Northern Ontario area		Lakehead area		Total Ontario		No.
Consumption	Stocks Dec. 31, 1966	Consumption	Stocks Dec. 31, 1966	Consumption	Stocks Dec. 31, 1966	Consumption	Stocks Dec. 31, 1966	
short tons								
—	—	146,007	4,712	5,603	—	604,537	602,044	1
—	—	66	—	—	—	71	—	2
—	—	146,073	4,712	5,603	—	604,608	602,044	3
—	—	—	—	—	—	—	—	4
—	—	—	—	210,225	7,706	210,225	7,706	5
—	—	146,073	4,712	215,828	7,706	814,833	609,750	6
33,784	2,676	—	—	—	—	138,059	22,235	7
1,826,423	851,062	366,808	418,761	203,056	258,167	6,510,484	4,196,490	8
190,169	10,916	47,927	14,641	11,953	23,690	750,944	167,220	9
4,726	30	129,068	—	3,050	150	171,412	17,598	10
1,964	376	15,544	17,240	10,475	620	95,213	20,425	11
2,023,282	862,384	559,347	450,642	228,534	282,627	7,528,053	4,401,733	12
2,057,066	865,060	559,347	450,642	228,534	282,627	7,666,112	4,423,968	13
2,057,066	865,060	705,420	455,354	444,362	290,333	8,480,945	5,033,718	14
3,761	101	1,499,711	12,600	9	5	3,935,490	57,112	15
28,788	1,028	18,629	5,365	136	29	211,876	22,591	16
21,513	33,587	3,439	1,998	14,486	3,758	131,102	60,675	17
54,062	34,716	1,521,779	19,963	14,631	3,792	4,278,468	140,378	18
2,111,128	899,776	2,227,199	475,317	458,993	294,125	12,759,413	5,174,096	19

¹ Does not include firms using less than 1,000 tons of coal per annum.

SECTION VIII
MANITOBA

TABLE 52. Summary of Coal Statistics for Manitoba in 1966 - Exports, Interprovincial Shipments, Landed Imports (Exclusive of Tonnage cleared at Head of Lakes, some of which entered Manitoba), by Months and by Kinds

Month	Canadian coal		Imported ¹ from U.S.A.
	Received from other provinces	Exported	
	short tons		
January:			
Anthracite	-	-	-
Bituminous	11,698	7	266
Sub-bituminous	21,770	-	-
Lignite	90,726	-	-
Totals	124,194	7	266
February:			
Anthracite	-	-	-
Bituminous	12,886	-	51
Sub-bituminous	14,109	-	-
Lignite	68,900	-	-
Totals	95,895	-	51
March:			
Anthracite	-	-	-
Bituminous	11,780	24	-
Sub-bituminous	6,226	-	-
Lignite	37,736	-	-
Totals	55,742	24	-
April:			
Anthracite	-	-	-
Bituminous	10,712	-	-
Sub-bituminous	1,425	-	-
Lignite	25,015	-	-
Totals	37,152	-	-
May:			
Anthracite	-	-	-
Bituminous	9,388	-	33
Sub-bituminous	472	-	-
Lignite	28,860	-	-
Totals	38,720	-	33
June:			
Anthracite	-	-	-
Bituminous	13,119	-	-
Sub-bituminous	157	-	-
Lignite	26,405	-	-
Totals	39,681	-	-

¹ Briquettes are not included.

TABLE 52. Summary of Coal Statistics for Manitoba in 1966 - Exports, Interprovincial Shipments, Landed Imports (exclusive of tonnage cleared at Head of Lakes, some of which entered Manitoba), by Months and by kinds - Concluded

Month	Canadian coal		Imported ¹ from U.S.A.
	Received from other provinces	Exported	
		short tons	
July:			
Anthracite	-	-	-
Bituminous	11,102	-	83
Sub-bituminous	117	-	-
Lignite	14,914	-	-
Totals	26,133	-	83
August:			
Anthracite	-	-	-
Bituminous	11,930	20	-
Sub-bituminous	1,611	-	-
Lignite	21,619	-	-
Totals	35,160	20	-
September:			
Anthracite	-	-	-
Bituminous	10,264	-	93
Sub-bituminous	10,160	-	-
Lignite	18,827	-	-
Totals	39,251	-	93
October:			
Anthracite	-	-	-
Bituminous	7,996	103	45
Sub-bituminous	20,608	-	-
Lignite	49,180	-	-
Totals	77,784	103	45
November:			
Anthracite	-	-	-
Bituminous	13,002	154	-
Sub-bituminous	21,500	-	-
Lignite	61,855	-	-
Totals	96,357	154	-
December:			
Anthracite	-	-	-
Bituminous	15,190	-	39
Sub-bituminous	15,737	-	-
Lignite	72,224	-	-
Totals	103,151	-	39
Totals:			
Anthracite	-	-	-
Bituminous	139,067	308	610
Sub-bituminous	113,892	-	-
Lignite	516,261	-	-
Totals	769,220	308	610

¹ Briquettes are not included.

TABLE 53. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers,¹ in Manitoba 1965 and 1966

Kind	Sales		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous	12,271	5,670	2,206	913
Sub-bituminous	76,205	82,480	6,534	7,483
Lignite	112,745	91,711	9,137	5,549
Briquettes	11,339	10,249	1,732	1,825
Total Canadian coals	212,560	190,110	19,609	15,770
Foreign coals:				
Anthracite	338	—	71	—
Bituminous	9,014	5,656	614	804
Briquettes	122	4	—	—
Total foreign coals	9,474	5,660	685	804
Total all coals	222,034	195,770	20,294	16,574
Coke (from coal):				
Canadian made	40	—	—	—
Foreign made	657	399	90	112
Total all coke	697	399	90	112
Total coal and coke	222,731	196,169	20,384	16,686

¹ Does not include firms selling less than 1,000 tons of coal per annum.

TABLE 54. Consumption and Stocks of Coal and Coke by Industrial Consumers,¹ in Manitoba 1965 and 1966

Kind	Consumption		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous:				
(a) Slack	131,325	134,255	15,142	14,158
(b) Stoker and other sizes	—	—	—	—
Total bituminous	131,325	134,255	15,142	14,158
Sub-bituminous	38	—	—	—
Lignite	381,186	277,987	79,126	82,080
Total Canadian coals	512,549	412,242	94,268	96,238
Foreign coals:				
Anthracite	211	44	44	—
Bituminous:				
High volatile:				
(a) Slack	26	133	—	—
(b) Stoker and other sizes	172	—	—	—
Low volatile:				
(a) Slack	—	—	—	—
(b) Stoker and other sizes	4,615	5,554	110	217
Total bituminous	4,813	5,687	110	217
Total foreign coals	5,024	5,731	154	217
Total all coals	517,573	417,973	94,422	96,455
Coke:				
Canadian made	172	—	—	—
Foreign made	3,052	2,709	417	125
Petroleum coke	93	—	—	—
Total coke	3,317	2,709	417	125
Total coal and coke	520,890	420,682	94,839	96,580

¹ Does not include firms using less than 1,000 tons of coal per annum.

SECTION IX
SASKATCHEWAN

TABLE 55. Production of Coal from Saskatchewan Mines, 1957-66

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1957.....	2,248,812	4,398,031	1962.....	2,256,306	4,553,900
1958.....	2,253,176	4,379,481	1963.....	1,873,556	3,713,988
1959.....	1,947,380	3,746,044	1964.....	1,994,039	3,905,202
1960.....	2,170,797	3,833,629	1965.....	2,063,933	3,715,385
1961.....	2,208,851	3,769,357	1966.....	2,078,165	3,717,586

TABLE 56. Disposition of Coal from Saskatchewan Mines, by Grades and Destination, 1966

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	Value at mines
	short tons							\$
Saskatchewan:								
Shipments to industrial consumers.....	952,211	-	18,785	4,932	104,200	59,103	1,139,231	1,983,574
Shipments to dealers for re-sale.....	-	12,575	34,852	14,556	-	598	62,581	170,986
Sales direct to domestic consumers.....	-	2	-	-	-	-	2	4
To employees.....	-	872	100	179	-	40	1,191	2,776
Used in making coke at colliery.....	-	-	-	-	-	-	-	-
Used in making briquettes.....	-	-	-	-	-	-	-	-
For colliery boilers, railroads, etc.....	-	2,266	2,093	-	-	5,343	9,702	13,585
Put on bank.....	...	...	...	...	...	...	42,681	71,481
Put on waste heap.....	...	...	...	...	...	...	151	-
Saskatchewan total.....	952,211	15,715	55,830	19,667	104,200	65,084	1,255,539	2,242,406
Railways in Canada for own consumption.....	-	10,752	41,862	394	-	68,567	121,575	206,102
Ships' bunkers for own consumption.....	-	-	-	-	-	-	-	-
Newfoundland.....	-	-	-	-	-	-	-	-
Prince Edward Island.....	-	-	-	-	-	-	-	-
Nova Scotia.....	-	-	-	-	-	-	-	-
New Brunswick.....	-	-	-	-	-	-	-	-
Quebec.....	-	-	-	-	-	-	-	-
Ontario.....	-	75	2,319	65,630	-	157,428	225,452	397,230
Manitoba.....	-	13,596	103,309	153,989	23,954	221,413	516,261	938,495
Alberta.....	-	-	-	-	-	-	-	-
British Columbia.....	-	-	-	-	-	-	-	-
Yukon.....	-	-	-	-	-	-	-	-
United States.....	-	2,318	-	2,310	2,780	-	7,408	19,469
Japan.....	-	-	-	-	-	-	-	-
St. Pierre.....	-	-	-	-	-	-	-	-
Total disposition.....	952,211	42,456	203,320	241,990	130,934	512,492	2,126,235	3,803,702
Inventory adjustment (plus or minus).....	-	-	-	-	-	-	-	-
Less: Lifted from bank.....	...	...	...	...	...	...	41,791	74,868
Lifted from waste heap.....	...	...	...	...	...	...	6,279	11,248
Total Saskatchewan production.....	952,211	42,456	203,320	241,990	130,934	512,492	2,078,165	3,717,586

TABLE 57. Summary of Coal Statistics for Saskatchewan in 1966 - Production, Exports, Interprovincial Shipments, Landed Imports by Months and by Kinds

Month	Canadian coal				Imported ¹ from U.S.A.
	Production	Received from other provinces	Mine shipments		
			To other provinces	For export	
short tons					
January:					
Anthracite	-	-	-	-	-
Bituminous	-	-	-	-	-
Sub-bituminous	-	49,112	-	-	-
Lignite	277,726	-	116,150	1,438	-
Totals	277,726	49,112	116,150	1,438	-
February:					
Anthracite	-	-	-	-	-
Bituminous	-	-	-	-	-
Sub-bituminous	-	58,760	-	-	-
Lignite	253,036	-	91,742	1,022	-
Totals	253,036	58,760	91,742	1,022	-
March:					
Anthracite	-	-	-	-	-
Bituminous	-	-	-	-	-
Sub-bituminous	-	18,192	-	-	-
Lignite	213,301	-	62,586	574	-
Totals	213,301	18,192	62,586	574	-
April:					
Anthracite	-	-	-	-	-
Bituminous	-	-	-	-	-
Sub-bituminous	-	4,104	-	-	-
Lignite	107,982	-	43,077	195	-
Totals	107,982	4,104	43,077	195	-
May:					
Anthracite	-	-	-	-	-
Bituminous	-	45	-	-	-
Sub-bituminous	-	1,572	-	-	-
Lignite	109,482	-	39,686	143	-
Totals	109,482	1,617	39,686	143	-
June:					
Anthracite	-	-	-	-	30
Bituminous	-	102	-	-	-
Sub-bituminous	-	1,646	-	-	-
Lignite	128,728	-	37,360	36	-
Totals	128,728	1,748	37,360	36	30
July:					
Anthracite	-	-	-	-	12
Bituminous	-	-	-	-	-
Sub-bituminous	-	348	-	-	-
Lignite	17,062	-	20,734	-	-
Totals	17,062	348	20,734	-	12
August:					
Anthracite	-	-	-	-	-
Bituminous	-	68	-	-	-
Sub-bituminous	-	3,250	-	-	-
Lignite	79,904	-	30,895	71	-
Totals	79,904	3,318	30,895	71	-
September:					
Anthracite	-	-	-	-	-
Bituminous	-	-	-	-	-
Sub-bituminous	-	12,970	-	-	-
Lignite	140,435	-	22,705	524	-
Totals	140,435	12,970	22,705	524	-

¹ Briquettes are not included.

TABLE 57. Summary of Coal Statistics for Saskatchewan in 1966 — Production, Exports, Interprovincial Shipments, Landed Imports by Months and by Kinds — Concluded

Kind	Canadian Coal				Imported ¹ from U.S.A.
	Production	Received from other provinces	Mine shipments		
			To other provinces	For export	
short tons					
October:					
Anthracite	—	—	—	—	—
Bituminous	—	56	—	—	—
Sub-bituminous	—	42,599	—	—	—
Lignite	209,990	—	68,717	1,108	—
Totals	209,990	42,655	68,717	1,108	—
November:					
Anthracite	—	—	—	—	—
Bituminous	—	42	—	—	—
Sub-bituminous	—	73,633	—	—	—
Lignite	266,912	—	94,722	1,241	—
Totals	266,912	73,675	94,722	1,241	—
December:					
Anthracite	—	—	—	—	—
Bituminous	—	—	—	—	—
Sub-bituminous	—	110,403	—	—	—
Lignite	273,607	—	113,339	1,056	—
Totals	273,607	110,403	113,339	1,056	—
Totals:					
Anthracite	—	—	—	—	42
Bituminous	—	313	—	—	—
Sub-bituminous	—	376,589	—	—	—
Lignite	2,078,165	—	741,713	7,408	—
Totals	2,078,165	376,902	741,713	7,408	42

¹ Briquettes are not included.

TABLE 58. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in Saskatchewan, 1965 and 1966

Kind	Sales		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
short tons				
Canadian coals:				
Bituminous	5,998	5,285	1,098	625
Sub-Bituminous	69,643	56,209	9,361	10,131
Lignite	41,538	25,153	2,678	1,733
Briquettes	5,947	4,146	1,120	961
Total Canadian coals	123,126	90,793	14,257	13,450
Foreign Coals:				
Anthracite	3	2	37	46
Bituminous	—	—	—	—
Briquettes	—	—	—	—
Total foreign coals	3	2	37	46
Total all coals	123,129	90,795	14,294	13,496
Coke (From coal)				
Canadian made	—	—	—	—
Foreign made	—	—	—	—
Total all coke	—	—	—	—
Total coal and coke	123,129	90,795	14,294	13,496

¹ Does not include firms selling less than 1,000 tons of coal per annum.

TABLE 59. Consumption and Stocks of Coal and Coke, by Industrial Consumers¹ in Saskatchewan 1965 and 1966

Kind	Consumption		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous:				
(a) Slack	75	—	4,504	—
(b) Stoker and other sizes	157	—	—	—
Total bituminous	232	—	4,504	—
Sub-bituminous	203,275	232,334	51,449	46,630
Lignite	1,075,743	1,119,959	141,269	155,440
Total Canadian coals	1,279,250	1,352,293	197,222	202,070
Foreign coals:				
Anthracite	—	—	—	—
Bituminous:				
High volatile:				
(a) Slack	—	—	—	—
(b) Stoker and other sizes	—	—	—	—
Low volatile:				
(a) Slack	—	—	—	—
(b) Stoker and other sizes	—	—	—	—
Total bituminous	—	—	—	—
Total foreign coals	—	—	—	—
Total all coals	1,279,250	1,352,293	197,222	202,070
Coke:				
Canadian made	—	—	—	—
Foreign made	—	—	—	—
Petroleum coke	—	—	—	—
Total coke	—	—	—	—
Total coal and coke	1,279,250	1,352,293	197,222	202,070

¹ Does not include firms using less than 1,000 tons of coal per annum.

TABLE 60. Employment at Coal Mines in Saskatchewan, by Classes,¹ 1966 with Comparative Totals for 1965

Classification	Average number of employees	Man-days worked	Average number of man-days worked/year
	Surface	Surface	Surface
Strip mining			
(Includes employees of contractors)			
Salaried employees	29	7,413	256
Wage-earners:			
Foremen and other officials on wages	—	—	—
Tipple, preparation and shipping	57	11,026	193
Powerhouse, boilers and shops	36	8,222	228
Miscellaneous	73	17,106	234
Total wage-earners	166	36,354	219
Total employment			
Total salaried employees	29	7,413	256
Total wage-earners	166	36,354	219
Totals for 1966	195	43,767	224
Totals for 1965	201	47,139	245

¹ Underground mining not applicable in Saskatchewan.

SECTION X
ALBERTA

TABLE 61. Production of Coal from Alberta Mines, 1957-66

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
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
1959	2,528,755	12,756,112	1964	2,971,133	11,182,833
1960	2,391,699	11,516,842	1965	3,413,928	12,173,846
1961	2,027,826	10,472,978	1966	3,467,254	11,947,258

TABLE 62. Production of Coal by Districts in Alberta, 1965 and 1966

District	1965			1966		
	Strip mines	Under-ground	Total	Strip mines	Under-ground	Total
	short tons					
Bituminous						
Cascade	—	243,084	243,084	—	245,469	245,469
Coalspur	—	194	194	—	—	—
Crowsnest	195,134	414,274	609,408	86,858	546,116	632,974
Halcourt	—	—	—	—	—	—
Lethbridge	198	6,292	6,490	—	1,126	1,126
Totals, bituminous	195,332	663,844	859,176	86,858	792,711	879,569
Sub-bituminous						
Ardley	32,034	—	32,034	30,358	—	30,358
Brooks	6,783	—	6,783	6,384	—	6,384
Camrose	26,400	—	26,400	15,153	2,655	17,808
Carbon	10,084	1,647	11,731	8,138	890	9,028
Castor	768,181	—	768,181	774,339	—	774,339
Champion	—	3,028	3,028	—	1,507	1,507
Drumheller	55,011	230,164	285,175	57,076	174,817	231,893
Edmonton	16,035	76,242	92,277	13,815	66,473	80,288
Gleichen	—	223	223	—	—	—
Pembina	968,488	—	968,488	1,133,180	—	1,133,180
Redcliff	—	2,016	2,016	—	1,856	1,856
Sheerness	210,746	—	210,746	199,248	—	199,248
Taber	104,398	—	104,398	60,670	—	60,670
Tofield	17,370	—	17,370	15,504	—	15,504
Westlock	24,152	—	24,152	24,250	—	24,250
Wetaskiwin	1,750	—	1,750	1,372	—	1,372
Totals, sub-bituminous	2,241,432	313,320	2,554,752	2,339,487	248,198	2,587,685
Totals, Alberta	2,436,764	977,164	3,413,928	2,426,345	1,040,909	3,467,254

TABLE 63. Disposition of Coal from Alberta Mines, by Grades and Destination, 1966

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	Value at mines
	short tons							\$
Alberta:								
Shipments to industrial consumers	208,036	—	203	—	1,148,034	130,526	1,486,799	1,655,536
Shipments to dealers for re-sale	9,232	46,769	12,143	34,282	204	21,231	123,861	446,663
Sales direct to domestic consumers	9,322	112,508	62,763	140,371	6,173	31,858	362,995	1,609,523
To employees	—	348	133	2,146	2	2	2,631	12,830
Used in making coke at colliery	—	49	—	27,977	—	352	28,378	102,402
Used in making briquettes	—	—	—	—	—	26,284	26,284	201,221
For colliery boilers, railroads, etc.	3,150	55	—	12	—	120	3,337	24,687
Put on bank .....	...	...	...	...	...	...	142,823	762,574
Put on waste heap .....	...	...	...	...	...	...	12,776	—
Alberta total	229,740	159,729	75,242	204,788	1,154,413	210,373	2,189,884	4,815,436

TABLE 63. Disposition of Coal from Alberta Mines, by Grades and Destination, 1966 - Concluded

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	Value at mines
	short tons						\$	
Railways in Canada for own consumption	396	4,855	465	846	—	69	6,631	31,316
Ships' bunkers for own consumption.....	—	—	—	—	—	—	—	—
Newfoundland	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—
Quebec	—	—	—	—	—	15	15	126
Ontario	—	4,685	213	17,729	2,213	53	24,893	218,526
Manitoba	—	31,840	4,499	78,117	1,315	—	115,771	531,543
Saskatchewan	162,070	61,646	34,896	26,743	27,505	63,729	376,589	1,090,159
British Columbia	—	40,854	4,717	63,007	6,858	82,085	197,521	1,117,187
Yukon	—	—	—	—	—	—	—	—
United States	8,853	—	—	820	2,480	53	12,206	393,792
Japan	—	—	—	—	520,311	189,651	709,962	4,631,432
St. Pierre	—	—	—	—	—	—	—	—
Total disposition	401,059	303,609	120,032	392,050	1,715,095	546,028	3,633,472	12,829,517
Inventory adjustment (plus or minus) .....	...	...	...	...	...	...	- 31,929	- 119,462
Less: Lifted from bank .....	...	...	...	...	...	...	127,741	712,618
Lifted from waste heap .....	...	...	...	...	...	...	6,548	50,179
Total Alberta production	401,059	303,609	120,032	392,050	1,715,095	546,028	3,467,254	11,947,258

TABLE 64. Disposition of Bituminous Coal from Alberta Mines, by Grades and Destination, 1966

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	Value at mines
	short tons						\$	
Alberta:								
Shipments to industrial consumers.....	—	—	—	—	—	2,843	2,843	6,189
Shipments to dealers for re-sale	8	21	—	—	—	10,105	10,134	23,020
Sales direct to domestic consumers	57	1,631	17	1,785	20	32	3,542	27,668
To employees	—	119	—	1,445	—	—	1,564	10,110
Used in making coke at colliery	—	49	—	—	—	352	401	3,440
Used in making briquettes	—	—	—	—	—	26,284	26,284	201,221
For colliery boilers, railroads, etc.	3,150	—	—	—	—	—	3,150	24,108
Put on bank .....	...	...	...	...	...	...	82,552	509,771
Put on waste heap .....	...	...	...	...	...	...	2,460	—
Alberta total	3,215	1,820	17	3,230	20	39,616	132,930	805,527
Railways in Canada for own consumption	396	389	—	696	—	—	1,481	12,337
Ships' bunkers for own consumption	—	—	—	—	—	—	—	—
Newfoundland	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—
Quebec	—	—	—	—	—	15	15	126
Ontario	—	561	—	17,613	2,213	53	20,440	177,653
Manitoba	—	—	—	564	1,315	—	1,879	14,705
Saskatchewan	—	—	—	—	—	—	—	—
British Columbia	—	828	595	18,715	—	81,949	102,087	596,543
Yukon	—	—	—	—	—	—	—	—
United States	8,853	—	—	820	2,480	53	12,206	393,792
Japan	—	—	—	—	520,311	189,651	709,962	4,631,432
St. Pierre	—	—	—	—	—	—	—	—
Total disposition	12,464	3,598	612	41,638	526,339	311,337	981,000	6,632,115
Inventory Adjustment (plus or minus) .....	...	...	...	...	...	...	- 2,460	- 15,190
Less: Lifted from bank .....	...	...	...	...	...	...	92,423	519,377
Lifted from waste heap .....	...	...	...	...	...	...	6,548	50,179
Total Alberta production	12,464	3,598	612	41,638	526,339	311,337	879,569	6,047,369

TABLE 65. Disposition of Sub-bituminous Coal from Alberta Mines, by Grades and Destination 1966

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	Value at mines
	short tons							\$
Alberta:								
Shipments to industrial consumers	208,036	—	203	—	1,148,034	127,683	1,483,956	1,649,347
Shipments to dealers for re-sale	9,224	46,748	12,143	34,282	204	11,126	113,727	423,643
Sales direct to domestic consumers	9,265	110,877	62,746	138,586	6,153	31,826	359,453	1,581,855
To employees	—	229	133	701	2	2	1,067	2,720
Used in making coke at colliery	—	—	—	27,977	—	—	27,977	98,962
Used in making briquettes	—	—	—	—	—	—	—	—
For colliery boilers, railroads, etc.	—	55	—	12	—	120	187	579
Put on bank .....	...	...	...	...	...	...	60,271	252,803
Put on waste heap .....	...	...	...	...	...	...	10,316	—
Alberta total	226,525	157,909	75,225	201,558	1,154,393	170,757	2,056,954	4,009,909
Railways in Canada for own consumption	—	4,466	465	150	—	69	5,150	18,979
Ships' bunkers for own consumption	—	—	—	—	—	—	—	—
Newfoundland	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—
Quebec	—	—	—	—	—	—	—	—
Ontario	—	4,124	213	116	—	—	4,453	40,873
Manitoba	—	31,840	4,499	77,553	—	—	113,892	516,838
Saskatchewan	162,070	61,646	34,896	26,743	27,505	63,729	376,589	1,090,159
British Columbia	—	40,026	4,122	44,292	6,858	136	95,434	520,644
Yukon	—	—	—	—	—	—	—	—
United States	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—
St. Pierre	—	—	—	—	—	—	—	—
Total disposition	388,595	300,011	119,420	350,412	1,188,756	234,691	2,652,472	6,197,402
Inventory adjustment (plus or minus) .....	...	...	...	...	...	...	- 29,469	- 104,272
Losses: Lifted from bank .....	...	...	...	...	...	...	35,318	193,241
Lifted from waste heap	—	—	—	—	—	—	—	—
Total Alberta production	388,595	300,011	119,420	350,412	1,188,756	234,691	2,587,685	5,899,889

TABLE 66. Summary of Coal Statistics for Alberta in 1966 — Production, Exports, Interprovincial Shipments, Landed Imports, by Months and Kinds

Month	Canadian Coal				Imported from U.S.A.
	Production	Received from other provinces	Mine shipments		
			To other provinces	For export	
short tons					
January:					
Bituminous	77,867	—	16,822	62,018	—
Sub-bituminous	334,599	—	88,412	—	—
Totals	412,466	—	105,234	62,018	—
February:					
Bituminous	79,027	17	10,568	59,890	—
Sub-bituminous	272,393	—	82,243	—	—
Totals	351,420	17	92,811	59,890	—
March:					
Bituminous	89,076	—	11,237	80,788	—
Sub-bituminous	199,758	—	32,731	—	—
Totals	288,834	—	43,968	80,788	—
April:					
Bituminous	80,752	—	9,341	65,839	—
Sub-bituminous	153,871	—	11,115	—	—
Totals	234,623	—	20,456	65,839	—
May:					
Bituminous	75,021	—	11,712	65,138	—
Sub-bituminous	160,627	—	6,237	—	—
Totals	235,648	—	17,949	65,138	—

TABLE 66. Summary of Coal Statistics for Alberta in 1966 - Production, Exports, Interprovincial Shipments, Landed Imports, by Months and Kinds - Concluded

Month	Canadian Coal				Imported from U.S.A.
	Production	Received from other provinces	Mine shipments		
			To other provinces	For export	
short tons					
June:					
Bituminous	79,181	-	11,095	54,285	-
Sub-bituminous	127,272	-	6,212	-	-
Totals	206,453	-	17,307	54,285	-
July:					
Bituminous	36,596	-	8,570	44,259	-
Sub-bituminous	74,800	-	1,457	-	-
Totals	111,396	-	10,027	44,259	-
August:					
Bituminous	72,445	-	9,693	42,639	-
Sub-bituminous	128,788	-	8,711	-	-
Totals	201,233	-	18,404	42,639	-
September:					
Bituminous	76,031	48	11,872	80,288	-
Sub-bituminous	175,596	-	32,757	-	-
Totals	251,627	48	44,629	80,288	-
October:					
Bituminous	67,379	-	7,551	34,022	-
Sub-bituminous	260,573	-	74,348	-	-
Totals	327,952	-	81,899	34,022	-
November:					
Bituminous	73,744	-	7,442	83,828	-
Sub-bituminous	342,808	-	108,958	-	-
Totals	416,552	-	116,400	83,828	-
December:					
Bituminous	72,450	-	8,518	49,174	-
Sub-bituminous	356,600	-	137,187	-	-
Totals	429,050	-	145,705	49,174	-
Totals:					
Bituminous	879,569	65	124,421	722,168	-
Sub-bituminous	2,587,685	-	590,368	-	-
Totals	3,467,254	65	714,789	722,168	-

TABLE 67. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in Alberta, 1965 and 1966

Kind	Sales		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
short tons				
Canadian coals:				
Bituminous	-	-	-	-
Sub-bituminous	115,690	99,516	4,195	5,252
Lignite	2,572	-	169	-
Briquettes	-	-	-	-
Total Canadian coals	118,262	99,516	4,364	5,252
Foreign coals:				
Anthracite	-	-	-	-
Bituminous	-	-	-	-
Briquettes	-	-	-	-
Total foreign coals	-	-	-	-
Total all coals	118,262	99,516	4,364	5,252
Coke (from coal):				
Canadian made	-	-	-	-
Foreign made	-	-	-	-
Total all coke	-	-	-	-
Total coal and coke	118,262	99,516	4,364	5,252

¹ Does not include firms selling less than 1,000 tons of coal per annum.

TABLE 68. Consumption and Stocks of Coal and Coke, by Industrial Consumers¹ in Alberta 1965 and 1966

Kind	Consumption		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous:				
(a) Slack	-	13,467	-	867
(b) Stoker and other sizes	-	-	-	-
Total bituminous	-	13,467	-	867
Sub-bituminous	1,310,874	1,487,332	32,678	29,041
Lignite	-	-	-	-
Total Canadian coals	1,310,874	1,500,799	32,678	29,908
Foreign coals:				
Anthracite	-	-	-	-
Bituminous:				
High volatile:				
(a) Slack	-	-	-	-
(b) Stoker and other sizes	-	-	-	-
Low volatile:				
(a) Slack	-	-	-	-
(b) Stoker and other sizes	-	-	-	-
Total bituminous	-	-	-	-
Total foreign coals	-	-	-	-
Total all coals	1,310,874	1,500,799	32,678	29,908
Coke:				
Canadian made	-	-	-	-
Foreign made	3,739	3,211	169	212
Petroleum coke	-	-	-	-
Total coke	3,739	3,211	169	212
Total coal and coke	1,314,613	1,504,010	32,847	30,120

¹ Does not include firms using less than 1,000 tons of coal per annum.

TABLE 69. Employees, Salaries and Wages, Number of Man-days Worked at the Coal Mines in Alberta, by Districts, 1965 and 1966

District	Number of man-days worked			Average number of employees			Salaries and wages			
	Surface	Under-ground	Total	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
					Surface	Under-ground				
1965										
Bituminous:										
Cascade	21,994	38,415	60,409	35	79	134	248	156,412	1,160,794	1,317,206
Coalspur	15	—	15	—	2	—	2	—	400	400
Crowsnest	53,538	56,513	110,051	48	167	223	438	318,604	1,973,400	2,292,004
Lethbridge	1,649	1,662	3,311	4	5	10	19	28,033	28,254	56,287
Totals, bituminous	77,196	96,590	173,786	87	253	367	707	503,049	3,162,848	3,665,897
Sub-bituminous:										
Ardley	2,103	—	2,103	—	8	—	8	—	22,385	22,385
Brooks	2,240	—	2,240	1	8	—	9	10,333	28,506	38,839
Camrose	2,622	—	2,622	2	8	—	10	8,460	31,799	40,259
Carbon	1,116	683	1,799	3	3	3	9	6,600	10,948	17,548
Castor	24,703	—	24,703	12	79	—	91	52,990	427,868	480,858
Champion	17	1,316	1,333	2	1	5	8	3,600	11,503	15,103
Drumheller	13,155	13,967	27,122	15	47	65	127	69,383	418,348	487,731
Edmonton	5,419	10,558	15,977	13	13	44	70	46,250	199,885	246,135
Gleichen	—	109	109	—	—	1	1	—	1,000	1,000
Pembina	17,524	—	17,524	9	62	—	71	72,811	309,029	381,840
Redcliff	154	674	828	1	1	2	4	3,000	7,122	10,122
Sheerness	7,537	—	7,537	8	23	—	31	19,252	131,352	150,604
Taber	7,927	—	7,927	3	22	—	25	7,325	123,135	130,460
Tofield	1,437	—	1,437	2	3	—	5	6,300	9,560	15,860
Westlock	2,175	—	2,175	1	7	—	8	7,900	17,000	24,900
Wetaskiwin	267	—	267	1	1	—	2	—	3,079	3,079
Totals, sub-bituminous	88,396	27,307	115,703	73	286	120	479	314,204	1,752,519	2,066,723
Totals, Alberta	165,592	123,897	289,489	160	539	487	1,186	817,253	4,915,367	5,732,620
1966										
Bituminous:										
Cascade	22,176	34,273	56,449	36	77	112	225	158,909	1,081,185	1,240,094
Coalspur	—	—	—	—	—	—	—	—	—	—
Crowsnest	54,606	58,743	113,349	51	175	234	460	311,444	2,236,287	2,547,731
Lethbridge	102	278	380	1	—	1	2	1,800	9,045	10,845
Totals, bituminous	76,884	93,294	170,178	88	252	347	687	472,153	3,326,517	3,798,670
Sub-bituminous:										
Ardley	1,955	—	1,955	—	7	—	7	1,000	22,609	23,609
Brooks	1,930	—	1,930	1	7	—	8	12,000	31,313	43,313
Camrose	1,381	—	1,381	1	5	—	6	2,150	19,517	21,667
Carbon	772	501	1,273	2	2	2	6	6,400	14,104	20,504
Castor	23,757	—	23,757	13	78	—	91	83,284	406,639	489,923
Champion	—	650	650	1	—	2	3	1,450	3,062	4,512
Drumheller	12,395	12,043	24,438	15	48	66	129	98,877	418,032	516,909
Edmonton	4,889	9,412	14,301	12	11	41	64	35,352	190,385	225,737
Gleichen	—	—	—	—	—	—	—	—	—	—
Pembina	17,733	—	17,733	11	62	—	73	87,038	329,426	416,464
Redcliff	139	613	752	—	1	3	4	3,000	6,557	9,557
Sheerness	7,665	—	7,665	7	23	—	30	40,137	110,466	150,603
Taber	6,048	—	6,048	4	18	—	22	19,120	89,468	108,588
Tofield	881	—	881	1	2	—	3	7,510	8,040	15,550
Westlock	1,498	—	1,498	1	5	—	6	5,664	15,478	21,142
Wetaskiwin	217	—	217	—	1	—	1	1,000	—	1,000
Totals, sub-bituminous	81,260	23,219	104,479	69	270	114	453	403,982	1,665,096	2,069,078
Totals, Alberta	158,144	116,513	274,657	157	522	461	1,140	876,135	4,991,613	5,867,748

TABLE 70. Employment at Coal Mines in Alberta, by Classes, 1966 with Comparative Totals for 1965

Classification	Average number of employees		Man-days worked		Average number of man-days worked/year	
	Surface	Under-ground	Surface	Under-ground	Surface	Under-ground
Underground mining						
Salaried employees:						
Mine manager, underground manager, overmen, pit bosses, fire-bosses, foremen, etc.....	22	47	5,673	11,890	258	253
Administrative and office staff	44	...	11,014	...	250	...
Total salaried employees	66	47	16,687	11,890	253	253
Wage-earners:						
Foremen and other officials on wages	4	22	1,231	4,676	308	213
Miners: all men on hand and mechanical production .....	...	272	...	59,370	...	218
Maintenance: timbermen, timber packers, drainage, road-markers, ventilation, brushers, mechanics, etc.	27	85	6,385	21,970	236	258
Transportation: drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen.	44	79	10,690	17,991	243	228
Tipple, preparation and shipping	124	...	30,148	...	243	...
Powerhouse, boilers and shops	23	...	5,887	...	256	...
Miscellaneous	46	3	11,125	616	242	205
Total wage-earners	268	461	65,466	104,623	244	227
Strip mining (Includes employees of contractors)						
Salaried employees	44	...	11,222	...	255	...
Wage-earners:						
Foremen and other officials on wages.....	15	...	3,979	...	265	...
Tipple, preparation and shipping	77	...	19,138	...	249	...
Powerhouse, boilers and shops	19	...	4,919	...	259	...
Miscellaneous	143	...	36,733	...	257	...
Total wage-earners	254	...	64,769	...	255	...
Total employment						
Total salaried employees.....	110	47	27,909	11,890	254	253
Total wage-earners	522	461	130,235	104,623	249	227
Totals for 1966	632	508	158,144	116,513	250	229
Totals for 1965	650	536	165,592	123,897	255	231

SECTION XI
BRITISH COLUMBIA

TABLE 71. Production of Coal from British Columbia Mines, 1957-66

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1957	1,113,699	7,260,024	1962	913,196	6,056,263
1958	849,091	5,750,871	1963	962,684	6,128,805
1959	751,492	5,237,724	1964	1,050,430	6,266,442
1960	843,868	5,584,017	1965	971,465	5,801,817
1961	964,663	6,453,373	1966	1,087,631	6,437,459

TABLE 72. Production of Coal by Districts in British Columbia, 1964-66

District	1964	1965	1966
	short tons		
Crow's Nest Pass district	979,235	923,256	1,058,679
Interior district	6,811	5,905	12,162
Inland district	64,384	42,304	16,790
Totals, British Columbia	1,050,430	971,465	1,087,631

TABLE 73. Disposition of Coal from British Columbia Mines, by Grades and Destination, 1966

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	Value at mines
	short tons							\$
British Columbia:								
Shipments to industrial consumers	—	1,786	659	35,010	85	1,227	38,767	333,390
Shipments to dealers for re-sale	810	2,602	82	15,277	20	83	18,874	156,466
Sales direct to domestic consumers	537	1,970	125	344	—	—	2,976	28,728
To employees	5,474	102	—	17	—	—	5,593	42,433
Used in making coke at colliery	—	—	—	—	—	227,083	227,083	1,665,329
Used in making briquettes	—	—	—	—	—	—	—	—
For colliery boilers, railroads, etc.	—	—	—	—	—	15,988	15,988	117,049
Put on bank .....	...	...	...	...	...	...	54,704	406,539
Put on waste heap .....	...	...	...	...	...	...	221,406	—
British Columbia total	6,821	6,460	866	50,648	105	244,381	585,391	2,749,934
Railways in Canada for own consumption	181	345	—	634	117	46	1,323	11,232
Ships' bunkers for own consumption	—	—	—	—	—	—	—	—
Newfoundland	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—
Quebec	—	—	—	—	—	—	—	—
Ontario	—	—	—	1,104	—	23,242	24,346	193,607
Manitoba	—	498	—	897	40	135,753	137,188	1,041,720
Saskatchewan	91	56	—	68	42	56	313	2,773
Alberta	—	63	—	—	2	—	65	673
Yukon	—	—	—	—	—	—	—	—
United States	—	—	—	1,171	—	—	1,171	9,677
Japan	—	—	—	—	—	376,249	376,249	2,713,328
St. Pierre	—	—	—	—	—	—	—	—
Total disposition	7,093	7,422	866	54,522	306	779,727	1,126,046	6,722,944
Inventory adjustment (plus or minus)	—	—	—	—	—	—	—	—
Less: Lifted from bank .....	...	...	...	...	...	...	38,415	285,498
Lifted from waste heap .....	...	...	...	...	...	...	—	—
Total British Columbia production	7,093	7,422	866	54,522	306	779,727	1,087,631	6,437,459

TABLE 74. Summary of Coal Statistics for British Columbia in 1966 - Production, Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds

Month	Canadian coal				Imported ¹ from U.S.A.
	Production	Received from other provinces	Mine shipments		
			To other provinces	For export	
short tons					
January:					
Anthracite	-	-	-	-	-
Bituminous	84,138	11,603	17,143	21,476	-
Sub-bituminous	-	16,695	-	-	-
Totals	84,138	28,298	17,143	21,476	-
February:					
Anthracite	-	-	-	-	-
Bituminous	94,477	8,325	15,024	34,947	-
Sub-bituminous	-	9,097	-	-	-
Totals	94,477	17,422	15,024	34,947	-
March:					
Anthracite	-	-	-	-	-
Bituminous	94,906	9,887	11,780	37,883	-
Sub-bituminous	-	8,273	-	-	-
Totals	94,906	18,160	11,780	37,883	-
April:					
Anthracite	-	-	-	-	-
Bituminous	89,271	8,883	10,712	34,379	-
Sub-bituminous	-	5,586	-	-	-
Totals	89,271	14,469	10,712	34,379	-
May:					
Anthracite	-	-	-	-	40
Bituminous	88,600	9,916	8,690	30,628	-
Sub-bituminous	-	4,193	-	-	-
Totals	88,600	14,109	8,690	30,628	40
June:					
Anthracite	-	-	-	-	-
Bituminous	95,579	10,177	12,707	34,338	-
Sub-bituminous	-	4,332	-	-	-
Totals	95,579	14,509	12,707	34,338	-
July:					
Anthracite	-	-	-	-	40
Bituminous	50,891	8,507	11,102	16,726	59
Sub-bituminous	-	992	-	-	-
Totals	50,891	9,499	11,102	16,726	99
August:					
Anthracite	-	-	-	-	-
Bituminous	109,521	8,686	11,998	23,845	55
Sub-bituminous	-	3,665	-	-	-
Totals	109,521	12,351	11,998	23,845	55
September:					
Anthracite	-	-	-	-	-
Bituminous	87,492	9,660	9,960	30,535	-
Sub-bituminous	-	8,686	-	-	-
Totals	87,492	18,346	9,960	30,535	-

¹ Briquettes are not included.

TABLE 74. Summary of Coal Statistics for British Columbia in 1966 – Production, Exports, Interprovincial Shipments, Landed Imports, by Months and by Kinds – Concluded

Month	Canadian coal				Imported ¹ from U.S.A.
	Production	Received from other provinces	Mine shipment		
			To other provinces	For export	
	short tons				
October:					
Anthracite.....	—	—	—	—	—
Bituminous.....	89,073	5,318	9,983	34,219	—
Sub-bituminous.....	—	10,273	—	—	—
Totals.....	89,073	15,591	9,983	34,219	—
November:					
Anthracite.....	—	—	—	—	—
Bituminous.....	97,947	5,597	19,861	46,025	—
Sub-bituminous.....	—	13,003	—	—	—
Totals.....	97,947	18,600	19,861	46,025	—
December:					
Anthracite.....	—	—	—	—	—
Bituminous.....	105,736	5,528	22,952	32,419	—
Sub-bituminous.....	—	10,639	—	—	—
Totals.....	105,736	16,167	22,952	32,419	—
Totals:					
Anthracite.....	—	—	—	—	80
Bituminous.....	1,087,631	102,087	161,912	377,420	114
Sub-bituminous.....	—	95,434	—	—	—
Totals.....	1,087,631	197,521	161,912	377,420	194

¹ Briquettes are not included.

TABLE 75. Sales and Stocks of Coal and Coke, by Retail Fuel Dealers¹ in British Columbia, 1965 and 1966

Kind	Sales		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous.....	32,955	18,211	2,271	1,373
Sub-bituminous.....	73,877	61,401	4,079	2,565
Lignite.....	603	—	49	—
Briquettes.....	3,264	2,274	331	205
Total Canadian coals.....	110,699	81,886	6,730	4,143
Foreign coals:				
Anthracite.....	30	—	14	—
Bituminous.....	520	668	100	120
Briquettes.....	—	—	—	—
Total foreign coals.....	550	668	114	120
Total all coals.....	111,249	82,554	6,844	4,263
Coke (from coal):				
Canadian made.....	344	221	42	—
Foreign made.....	—	—	—	—
Total all coke.....	344	221	42	—
Total coal and coke.....	111,593	82,775	6,886	4,263

¹ Does not include firms selling less than 1,000 tons of coal per annum.

TABLE 76. Consumption and Stocks of Coal and Coke by Industrial Consumers¹ in British Columbia, 1965 and 1966

Kind	Consumption		Stocks	
	1965	1966	December 31, 1965	December 31, 1966
	short tons			
Canadian coals:				
Bituminous:				
(a) Slack	161,952	109,547	15,990	16,363
(b) Stoker and other sizes	7,306	885	691	—
Total bituminous	169,258	110,432	16,681	16,363
Sub-bituminous	—	—	—	—
Lignite	—	—	—	—
Total Canadian coals	169,258	110,432	16,681	16,363
Foreign coals:				
Anthracite	54	373	373	—
Bituminous:				
High volatile:				
(a) Slack	—	—	—	—
(b) Stoker and other sizes	—	—	—	—
Low volatile:				
(a) Slack	—	—	—	—
(b) Stoker and other sizes	—	—	—	—
Total bituminous	—	—	—	—
Total foreign coals	54	373	373	—
Total all coals	169,312	110,805	17,054	16,363
Coke:				
Canadian made	105,729	114,234	7,582	1,849
Foreign made	3,595	1,407	51	20
Petroleum coke	187,841	193,046	37,595	37,396
Total coke	297,165	308,687	45,228	39,265
Total coal and coke	466,477	419,492	62,282	55,628

¹ Does not include firms using less than 1,000 tons of coal per annum.

TABLE 77. Employees, Salaries and Wages and Number of Man-days Worked, in the Coal Mines of British Columbia, by Districts, 1965 and 1966

District	Number of man-days worked			Average number of employees			Salaries and wages			
	Surface	Under-ground	Total	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
					Surface	Under-ground				
	dollars									
1965										
Crow's Nest Pass	41,744	69,250	110,994	60	147	290	497	381,209	2,014,039	2,395,248
Interior	870	777	1,647	3	2	6	11	5,500	22,000	27,500
Island	4,621	11,606	16,227	6	15	50	71	26,716	262,177	288,893
British Columbia	47,235	81,633	128,868	69	164	346	579	413,425	2,298,216	2,711,641
1966										
Crow's Nest Pass	53,791	75,894	129,685	82	160	274	516	412,407	2,104,085	2,516,492
Interior	2,131	774	2,905	2	8	4	14	3,000	43,893	46,893
Island	1,529	4,182	5,711	4	5	20	29	8,100	100,940	109,040
British Columbia	57,451	80,850	138,301	88	173	298	559	423,507	2,248,918	2,672,425

TABLE 78. Employment at Coal Mines in British Columbia, by Classes, 1966 with Comparative Totals for 1965

Classification	Average number of employees		Man-days worked		Average number of man-days worked year	
	Surface	Under-ground	Surface	Under-ground	Surface	Under-ground
Underground mining						
Salaried employees:						
Mine manager, underground manager, overmen, pit bosses, fire bosses, foremen, etc.	19	36	4,677	8,672	246	241
Administrative and office staff	31	...	7,884	...	254	...
Total salaried employees	50	36	12,561	8,672	251	241
Wage-earners:						
Foremen and other officials on wages	5	6	1,389	1,370	278	228
Miners; all men on hand and mechanical production .....	...	133	...	30,683	...	231
Maintenance; timbermen, timber packers, drainage, road-makers ventilation, brushers, mechanics, etc.	5	92	1,349	23,342	270	254
Transportation; drivers, rope riders, trip riders, chute loaders, mine tracks and holstmen	21	67	5,379	16,783	256	250
Tipple, preparation and shipping	67	...	17,264	...	258	...
Powerhouse, boilers and shops	46	...	12,181	...	265	...
Miscellaneous	6	-	1,408	-	235	-
Total wage-earners	150	298	38,970	72,178	260	242
Strip mining						
(Includes employees of contractors)						
Salaried employees	2	...	436	...	218	...
Wage-earners:						
Foremen and other officials on wages	1	...	252	...	252	...
Tipple, preparation and shipping	7	...	1,659	...	237	...
Powerhouse, boilers and shops .....	...	...	...	...	...	...
Miscellaneous	15	...	3,573	...	238	...
Total wage-earners	23	...	5,484	...	238	...
Total employment						
Total salaried employees	52	36	12,997	8,672	250	241
Total wage-earners	173	298	44,454	72,178	257	242
Totals for 1966	225	334	57,451	80,850	255	242
Totals for 1965	202	377	47,235	81,633	234	217

SECTION XII

YUKON

TABLE 79. Production of Coal from Yukon Mines, 1957 - 66

Calendar year	Short tons	Value at mines	Calendar year	Short tons	Value at mines
		\$			\$
1957	7,731	91,595	1962	7,649	115,198
1958	4,344	56,379	1963	8,231	123,675
1959	3,879	58,200	1964	7,229	98,150
1960	6,470	97,156	1965	8,801	85,626
1961	7,703	114,221	1966	5,670	46,390

TABLE 80. Summary of Coal Statistics for Yukon Territory in 1966 - Production, Interprovincial Shipments, by Months and by Kinds

Month	Canadian coal (Bituminous)		Mine shipments to other provinces
	Production	Received from other provinces	
		short tons	
January	830	-	-
February	635	-	-
March	458	-	-
April	506	-	-
May	383	-	-
June	187	-	-
July	-	-	-
August	-	-	-
September	424	-	-
October	1,210	-	-
November	590	-	-
December	447	-	-
Totals	5,670	-	-

TABLE 81. Disposition of Coal from Yukon Mines, by Grades and Destination, 1966

	Run of mine	Lump cobble or egg	Nut or stove	Prepared stoker	Nut-slack	Slack	Total	Value at mines
								\$
								short tons
Yukon:								
Shipments to industrial consumers	-	-	3,219	2,399	-	-	5,618	45,692
Shipments to dealers for re-sale	-	-	-	-	-	-	7	115
Sales direct to domestic consumers	-	7	-	-	-	-	7	583
To employees	-	45	-	-	-	-	45	-
Used in making coke at colliery	-	-	-	-	-	-	-	-
Used in making briquettes	-	-	-	-	-	-	-	-
For colliery boilers, railroads, etc.	-	-	-	-	-	-	-	-
Put on bank	-	-	-	-	-	-	-	-
Put on waste heap	-	-	-	-	-	397	397	-
Yukon total	-	52	3,219	2,399	-	-	6,067	46,390
Railways in Canada for own consumption	-	-	-	-	-	-	-	-
Ships' bunkers for own consumption	-	-	-	-	-	-	-	-
Newfoundland	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-
Quebec	-	-	-	-	-	-	-	-
Ontario	-	-	-	-	-	-	-	-
Manitoba	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-
United States	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-
St. Pierre	-	-	-	-	-	-	-	-
Total disposition	-	52	3,219	2,399	-	-	6,067	46,390
Inventory adjustment (plus or minus)	-	-	-	-	-	-	-	-
Less: Lifted from bank	-	-	-	-	-	-	397	-
Lifted from waste heap	-	-	-	-	-	-	-	-
Total Yukon production	-	52	3,219	2,399	-	-	5,670	46,390

TABLE 82. Employment at Coal Mines in Yukon, by Classes, 1966 with Comparative Totals for 1965

Classification	Average number of employees		Man-days worked		Average number of man-days worked/year	
	Surface	Under-ground	Surface	Under-ground	Surface	Under-ground
Underground mining						
Salaried employees:						
Mine manager, underground manager, overmen, pit bosses, fire bosses, foremen, etc.	1	—	279	—	279	—
Administrative and office staff	—	—	—	—	—	—
Total salaried employees	1	—	279	—	279	—
Wage-earners:						
Foremen and other officials wages	—	—	—	—	—	—
Miners; all men on hand and mechanical production .....	...	3	...	1,028	...	342
Maintenance; timbermen, timber packers, drainage, roadmakers, ventilation, brushers, mechanics, etc.	2	—	514	—	257	—
Transportation; drivers, rope riders, trip riders, chute loaders, mine tracks and hoistmen	—	—	—	—	—	—
Tipple, preparation and shipping	—	...	—	...	—	...
Powerhouse, boilers and shops	—	...	—	...	—	...
Miscellaneous	—	—	—	—	—	—
Total wage-earners	2	3	514	1,028	257	342
Strip mining (Includes employees of contractors)						
Salaried employees	—	—	—	—	—	—
Wage-earners:						
Foremen and other officials on wages	—	—	—	—	—	—
Tipple, preparation and shipping	—	—	—	—	—	—
Powerhouse, boilers and shops	—	—	—	—	—	—
Miscellaneous	—	—	—	—	—	—
Total wage-earners	—	—	—	—	—	—
Total employment						
Total salaried employees	1	—	279	—	279	—
Total wage-earners	2	3	514	1,028	257	342
Totals for 1966	3	3	793	1,028	264	342
Totals for 1965	3	6	699	1,682	233	280

TABLE 84. World Production of Bituminous Coal, Anthracite, and Lignite, 1961-65

Country	1961	1962	1963	1964	1965 ¹
	thousand short tons				
North America:					
Canada:					
Bituminous	8,189	8,028	8,702	9,325	9,525
Lignite	2,209	2,256	1,874	1,994	2,064
Greenland: Bituminous	35	29	44	26	22
Mexico: Bituminous	2,004	2,087	2,283	2,345	2,211
United States:					
Anthracite (Pennsylvania)	17,446	16,894	18,267	17,184	14,866
Bituminous	399,959	419,094	456,223	484,048	509,045
Lignite	3,018	3,055	2,705	2,950	3,043
Totals	432,860	451,443	490,098	517,872	540,776
South America:					
Argentina: Bituminous	379	315	228	465	465 ³
Brazil: Bituminous (including lignite)	2,635	2,765	2,834	3,578	3,725
Chile: Bituminous (mined)	1,944	2,045	1,895	1,972	1,904
Columbia: Bituminous	3,068	3,307	3,527	3,307	3,417
Peru: Bituminous and anthracite	184	180	144	161	99
Venezuela: Bituminous	34	30	46	42	34
Totals	8,244	8,642	8,674	9,525	9,644
Europe:					
Albania: Lignite	319	331	331	322	386 ³
Austria:					
Bituminous	117	109	115	114	65
Lignite	6,240	6,296	6,672	6,350	6,008
Belgium: Bituminous and anthracite	23,739	23,398	23,609	23,485	21,810
Bulgaria:					
Bituminous and anthracite	651	701	725	670	608
Lignite	19,890	22,669	23,349	26,147	28,285
Czechoslovakia:					
Bituminous	28,917	29,927	31,191	31,211	30,581
Lignite	71,984	76,594	80,803	83,340	79,729
Denmark: Lignite	2,384	2,232	2,204	2,094	1,543
France:					
Bituminous and anthracite	57,715	57,728	52,649	58,469	56,601
Lignite	3,203	3,177	2,724	2,474	2,964
Germany:					
Bituminous and anthracite:					
East	2,944	2,844	2,737	2,579	2,535
West (including Saar)	158,309	156,417	156,656	156,750	148,897
Lignite:					
East	261,166	272,262	280,428	283,212	276,790
West	107,140	111,610	117,569	122,294	112,332
Pech coal: West	1,943	1,942	2,029	2,060	1,913
Greece: Lignite	2,760	2,971	3,836	4,191	5,512
Hungary:					
Bituminous	3,385	3,685	4,091	4,547	4,808
Lignite	27,672	27,901	29,404	30,229	29,845
Ireland: Bituminous and anthracite	224	225	230	255	204
Italy:					
Bituminous and anthracite	817	763	645	520	429
Lignite	1,661	1,958	1,506	1,325	1,123
Netherlands:					
Bituminous and anthracite	13,912	12,757	12,686	12,655	12,617
Lignite	-	-	-	-	-
Poland:					
Bituminous	117,513	120,818	124,726	129,360	130,989
Lignite	11,396	12,226	16,914	22,355	24,941
Portugal:					
Anthracite	518	446	459	489	472
Lignite	174	169	157	111	99
Rumania: ²					
Bituminous and anthracite	5,404	5,863	6,234	6,495	6,654
Lignite	4,190	4,707	5,084	5,766	6,679
Spain:					
Bituminous and anthracite	15,207	13,994	14,229	13,444	14,200
Lignite	2,303	2,743	2,856	2,870	3,064
Svalbard (Spitsbergen): Bituminous:					
Controlled by Norway	407	489	433	487	478
Controlled by U.S.S.R.	439	405	408	661 ³	661 ³
Sweden: Bituminous	220	163	110	94	64
Switzerland: Bituminous and anthracite (including lignite) ³	11	11	11	-	-
U.S.S.R. ⁴					
Bituminous and anthracite	415,592	425,933	435,555	450,701	473,993
Lignite	147,176	144,403	150,565	159,975	165,347
United Kingdom: Bituminous and anthracite	213,320	221,129	219,291	216,863	209,999
Yugoslavia:					
Bituminous	1,447	1,310	1,418	1,391	1,289
Lignite	25,089	25,910	28,810	31,139	31,733
Totals⁵	1,757,498	1,799,216	1,843,449	1,897,494	1,896,247

See footnotes at end of table.

TABLE 84. World Production of Bituminous Coal, Anthracite, and Lignite, 1961-65 - Concluded

Country	1961	1962	1963	1964	1965 ¹
	thousand short tons				
Asia					
Afghanistan: Bituminous	75	74 ²	108	125	161
Burma: Bituminous	2	3	6 ³	11	11 ³
China: Bituminous, anthracite, and lignite	275,000	275,000	300,000	320,000	330,000
India:					
Bituminous	61,801	67,649	72,652	70,538	74,032
Lignite	71	233	1,093	1,730	2,535
Indonesia: Bituminous	619	519	651	492	430
Iran: Bituminous ⁴	220	220	220 ²	302	300 ³
Japan:					
Bituminous and anthracite	60,058	59,965	56,810	56,140	54,602
Lignite	1,443	1,225	1,007	762	632
Korea:					
North: Anthracite, bituminous, and lignite	12,996	14,550	15,462	17,086	21,164
Republic of: Anthracite	6,486	8,206	9,763	10,606	11,296
Malaya: Bituminous	—	—	—	—	—
Mongolia, Outer: Lignite and bituminous	826	948	931	780 ³	1,091
Pakistan: Bituminous and lignite	1,015	1,097	1,370	1,338	1,355
Philippines: Bituminous	168	180	173	127	101
Taiwan: Bituminous	4,670	5,020	5,301	5,542	5,571
Thailand: Lignite	119	149	151	115	138
Turkey (mined):					
Bituminous	7,035	7,156	7,494	7,872	7,724
Lignite	4,159	4,668	5,501	6,369	6,929
Viet-Nam:					
North: Anthracite	3,099	3,823	3,714	4,000 ³	3,900 ³
South: Anthracite	63	78	115	85	83 ³
Totals⁴	439,925	450,763	482,522	504,020	522,055
Africa:					
Algeria: Bituminous and anthracite	86	58	44	51	50
Congo, Republic of the (formerly Belgian): Bituminous	80	84	101	110	126
Malagasy, Republic of: Bituminous	2	—	—	4	2
Morocco: Anthracite	452	408	445	441	462
Mozambique: Bituminous	354	328	312	270	262
Nigeria: Bituminous	669	699	636	771	816
Rhodesia and Nyasaland, Federation of:					
Southern Rhodesia: Bituminous	3,387	3,115	3,020	3,355	4,200 ³
South Africa, Republic of:					
Bituminous and anthracite (marketable)	43,613	45,498	46,798	49,513	53,418
Swaziland: Anthracite and bituminous	1	—	—	4	33
Tanganyika: Bituminous	2	3	2	1	2
United Arab Republic (Egypt): Bituminous .....	...	...	...	...	22
Totals	48,646	50,193	51,358	54,499	59,393
Oceania:					
Australia:					
Bituminous	26,886	27,406	27,832	30,691	35,173
Lignite	18,232	19,191	20,666	21,318	23,197
New Zealand:					
Bituminous and anthracite	3,101	2,689	2,889	3,047	2,801
Lignite	175	166	181	175	176
Totals	48,394	49,452	51,568	55,231	61,347
Lignite (total of items shown above) (estimate)	725,019	750,061	786,321	820,387	816,185
Bituminous and anthracite (by subtraction)	2,010,575	2,059,646	2,140,349	2,218,275	2,273,281
World totals, all grades (estimate)	2,735,594	2,809,707	2,926,670	3,038,662	3,089,466

¹ Preliminary.² Revised according to the new standard of the United Nations "International Classification of Hard Coals by Type".³ Estimate.⁴ Output from U.S.S.R. in Asia (including Sakhalin) included with U.S.S.R. in Europe.⁵ Year ended March 20 of year following that stated.

Source: Division of Foreign Activities, Minerals Yearbook 1965. World Production of Coal for 1966 not available for publication.

TABLE 85. Supply and Demand of Coal for Years 1956-66

No.		1956	1957	1958	1959
		short tons			
	Supply				
	Domestic production:				
1	Bituminous	10,309,587	9,050,742	7,748,289	6,945,459
2	Sub-bituminous	2,264,382	1,889,601	1,685,645	1,733,883
3	Lignite	2,341,641	2,248,812	2,253,176	1,947,380
4	Totals	14,915,610	13,189,155	11,687,110	10,626,722
	Imports:				
5	Anthracite	2,519,996	1,897,790	1,494,702	1,456,366
6	Bituminous	20,481,329	18,039,143	11,831,203	12,147,655
7	Totals	23,001,325	19,936,933	13,325,905	13,604,021
8	Total inventory change ¹	+ 1,486,784	+ 1,122,544	- 1,631,013	- 1,066,993
9	Total coal available	36,430,151	32,003,544	26,644,028	25,297,736
	Demand				
	Industrial consumption:				
10	Electric utilities	1,595,185	1,981,877	1,654,936	1,419,122
11	Mining	364,588	314,462	352,612	355,095
12	Manufacturing	10,683,152	10,474,492	9,262,639	8,439,373
13	Totals	12,642,925	12,770,831	11,270,187	10,213,590
14	Retail sales	7,883,992	6,891,857	5,908,868	5,611,251
15	Railways for own consumption	6,541,316	4,075,096	2,032,979	1,197,406
16	Ships' bunkers for own consumption	474,566	494,104	383,241	306,516
17	Government and institutional consumption	256,000	245,000	253,000	295,000
18	Totals	15,155,874	11,706,057	8,578,088	7,410,173
	Coal mine disposition:				
19	Used in colliery boilers, shops, railway	245,939	210,451	160,246	124,249
20	Sold to employees	174,576	164,490	145,472	141,899
21	Sold direct to domestic consumers (less employees)	676,823	774,963	688,562	709,369
22	Total disposition mines	1,097,338	1,149,904	994,280	975,517
	Exports:				
23	United Kingdom	240,137	-	-	-
24	United States	339,654	350,819	321,744	273,912
25	Japan	-	29,976	5,240	190,722
26	St. Pierre	10,086	15,311	11,393	9,134
27	Other	4,289	205	167	-
28	Totals	594,166	396,311	338,544	473,768
29	Coal used for manufacture of coke ³	5,928,498	5,720,325	4,788,958	5,654,781
30	Loss	414,061	228,549	60,754	112,751
31	Total reported disposition	35,832,862	31,971,977	26,030,811	24,840,580
32	Unaccounted for	597,289	31,567	613,217	457,156
33	Total demand	36,430,151	32,003,544	26,644,028	25,297,736

¹ Includes docks.² Total as reported by industrial consumers.

TABLE 85. Supply and Demand of Coal for Years 1956-66

1960	1961	1962	1963	1964	1965	1966	No.
short tons							
7,299,764	6,827,253	6,531,292	7,047,845	7,220,372	6,969,931	6,725,719	1
1,540,577	1,361,600	1,497,171	1,654,293	2,104,912	2,554,752	2,587,685	2
2,170,797	2,208,851	2,256,306	1,873,556	1,994,039	2,063,933	2,078,165	3
11,011,138	10,397,704	10,284,769	10,575,694	11,319,323	11,588,616	11,391,569	4
1,199,809	985,217	851,668	807,375	626,979	623,510	582,308	5
11,090,245	11,147,232	11,469,709	13,933,073	14,111,563	15,646,223	15,748,406	6
12,290,054	12,132,449	12,321,377	14,740,448	14,738,542	16,269,733	16,330,714	7
- 267,102	- 265,166	- 775,148	+ 363,672	- 65,008	+ 708,208	+ 991,698	8
23,568,294	22,795,319	23,381,294	24,952,470	26,122,873	27,150,051	26,730,585	9
1,846,149	2,253,398	3,725,005	5,150,179	6,264,520	7,721,714	7,878,780	10
310,579	236,215	195,803	186,739	..	..	..	11
7,953,217	7,452,013	6,778,062	6,898,975	..	..	..	12
10,109,945	9,941,626	10,698,870	12,235,893^f	13,835,963²	15,523,982²	15,148,302²	13
4,615,323	4,026,780	3,540,615	3,087,777	2,627,714	2,062,186	1,757,331	14
655,418	476,752	386,834	324,513	283,418	223,000	211,801	15
306,494	252,111	246,524	261,369	317,780	343,119	410,222	16
307,000	320,000	279,000	231,000	203,000	183,000	169,000	17
5,884,235	5,075,643	4,452,973	3,904,659	3,431,912	2,811,305	2,548,334	18
102,219	66,589	47,262	52,257	53,222	50,289	46,314	19
122,230	125,329	124,038	117,189	119,214	118,147	102,176	20
635,740	697,554	654,480	615,187	618,003	633,375	518,610	21
860,189	889,472	825,780	784,633	790,439	801,811	667,100	22
6,632	-	50	-	-	-	58	23
241,892	249,504	250,328	274,759	303,028	198,020	167,148	24
604,397	685,263	639,040	772,470	984,846	1,023,134	1,059,502	25
-	4,569	4,501	7,138	3,790	4,825	2,097	26
-	-	-	-	-	15	15	27
852,921	939,336	893,919	1,054,367	1,291,664	1,225,994	1,228,820	28
5,288,217	5,330,542	5,452,320	5,842,253	6,023,035	6,058,470	6,044,289	29
234,781	62,411	68,738	123,743	100,012	88,574	211,696	30
23,230,288	22,239,030	22,392,600	23,945,548 ^f	25,473,025	26,510,136	25,848,561	31
338,006	556,289	988,694	1,006,922 ^f	649,848	639,915	882,024	32
23,568,294	22,795,319	23,381,294	24,952,470	26,122,873	27,150,051	26,730,585	33

¹ Charged to ovens plus incidental coke plant consumption.

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