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PRELIMINARY REVIEW OF THE COAL MINING INDUSTRY, 1965

Production of coal in Canada in 1965 amounted to 11,588,616 tons, 2.3 per cent more than the total of 11,319,323 tons produced in 1964. The increase was due mainly to a 21 per cent increase in the production of Alberta sub-bituminous coal which amounted to 2,554,752 tons in 1965. This, combined with a 3.5 per cent increase in Saskatchewan lignite production more than offset the decrease in production of bituminous coal in Nova Scotia, New Brunswick, Alberta and British Columbia. The most notable declines in production were 158,969 tons (down 3.7 per cent) in Nova Scotia and 78,965 tons (down 7.5 per cent) in British Columbia. Bituminous coal accounted for 60.1 per cent of the 1965 production with Alberta sub-bituminous and Saskatchewan lignite accounting for 22.1 per cent and 17.8 per cent respectively.

The value of sales, f.o.b. mines and excluding subvention assistance payments was \$75,901,126 in 1965, up 4.3 per cent from the previous year. Salaries and wages accounted for slightly more than half the value of sales. The value of sales of bituminous coal ranged from a low of \$6.72 per ton in Alberta through \$7.12 per ton in British Columbia, \$8.98 per ton in New Brunswick to a high of \$11.00 per ton in Nova Scotia. Increases in 1965 unit value of sales of bituminous coal over comparable 1964 figures were \$0.08 in Alberta, \$0.55 in New Brunswick, \$1.02 in Nova Scotia and \$1.15 in British Columbia. Value of sales of Alberta sub-bituminous coal averaged \$3.58 per ton, down \$0.18 from 1964 while the average value of sales of Saskatchewan lignite dropped \$0.16 per ton to \$1.80.

Exports of Canadian coal decreased 5.1 per cent to 1,225,994 tons in 1965 while value of exports rose 5.8 per cent to \$12,671,785. Eighty-three per cent of the exported coal was shipped to Japan.

Landed imports (which include coal at customs' ports awaiting clearance) amounted to 16,269,733 tons in 1965, an increase of 10.4 per cent over 1964. Approximately 90 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 2,699,415 tons in 1964 to 2,087,369 tons, a decrease of 22.6 per cent. Part of this decrease is attributable to the fact that a large number of the smaller dealers were not required to report in the 1965 survey. It is estimated that these dealers' sales were between 100,000 and 150,000 tons.

Consumption of coal by industrial consumers increased 12.2 per cent to 15,523,982 tons in 1965 from 13,835,963 tons the previous year. There was a slight increase in the consumption of coke by industrial consumers from 5,340,577 tons in 1964 to 5,460,590 tons in 1965.

Stocks of coal and coke by retail fuel dealers declined from 566,682 tons in 1964 to 461,406 tons in 1965. However, stocks of coal by industrial consumers increased from 4,480,556 tons to 5,045,361 tons during the same period. Coke stocks by industrial consumers dropped from 318,751 tons to 291,404 tons. Total stocks of coal in Canada rose approximately 710,000 tons during the year to about 9,200,000 tons as at December 31, 1965. Stocks of coke remained virtually unchanged at 340,000 tons.

In 1965 there were 5,902,859 tons of bituminous coal charged to ovens to manufacture 4,368,791 tons of coke compared with 5,866,828 tons of coal used to make 4,342,982 tons of coke in 1964. Ninety one per cent of the coal used to manufacture coke was imported bituminous.

A total of 9,076 employees worked 2,233,447 man days for wages and salaries of \$39,149,842 in 1965. Approximately two-thirds of the employees' wages and salaries were accounted for by Nova Scotia.

More detail will be contained in "The Coal Mining Industry" publication, Catalogue 26-206 which will be released shortly.





TABLE 1. Principal Statistics for the Coal Mining Industry 1964 and 1965

	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
			dollars				short tons
Nova Scotia .....	12	6,277	26,287,969	1,911,102	10,482,419	45,486,833	4,134,161
New Brunswick .....	18(1)	824	3,338,459	694,294	2,077,519	8,637,619	996,328
Saskatchewan .....	4	201	1,037,123	181,572	639,460	3,715,385	2,063,933
Alberta .....	44	1,186	5,732,620	685,651	2,133,745	12,173,846	3,413,928
British Columbia ....	7	579	2,711,641	313,436	800,968	5,801,817	971,465
Yukon .....	1	9	42,030	6,332	24,550	85,626	8,801
Canada .....	86	9,076	39,149,842	3,792,387	16,158,661	75,901,126	11,588,616
Canada 1964 .....	94	9,087	37,534,802	3,821,027	13,950,176	72,735,085	11,319,323

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





TABLE 2. Production of Coal, by Kinds and by Provinces, 1964 and 1965

Province and kind of coal	1964			1965		
	Number of mines	Short tons	Value at mines \$	Number of mines	Short tons	Value at mines \$
Nova Scotia - Bituminous .....	13	4,293,130	42,827,589	12	4,134,161	45,486,833
New Brunswick - Bituminous .....	18(1)	1,003,362	8,454,869	18(1)	996,328	8,637,619
Saskatchewan - Lignite .....	4	1,994,039	3,905,202	4	2,063,933	3,715,385
Alberta:						
Bituminous .....	5	866,221	5,751,602	6	859,176	5,771,661
Sub-bituminous .....	45	2,104,912	5,431,231	38	2,554,752	6,402,185
Totals .....	50	2,971,133	11,182,833	44	3,413,928	12,173,846
British Columbia - Bituminous .....	8	1,050,430	6,266,442	7	971,465	5,801,817
Yukon - Bituminous .....	1	7,229	98,150	1	8,801	85,626
Canada:						
Bituminous .....	45	7,220,372	63,398,652	44	6,969,931	65,783,556
Sub-bituminous .....	45	2,104,912	5,431,231	38	2,554,752	6,402,185
Lignite .....	4	1,994,039	3,905,202	4	2,063,933	3,715,385
Totals .....	94	11,319,323	72,735,085	86	11,588,616	75,901,126

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

TABLE 3. Summary of Coal Statistics for 1965 - Production, Exports, Interprovincial Shipments, Landed Imports, (1) and Coal made available for Consumption, 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 .....	-	-	...	...	1,805	-
Bituminous .....	-	67,002	...	...	17,735	-
Totals .....	-	67,002	...	...	19,540	-
Prince Edward Island:						
Anthracite .....	-	-	...	...	-	-
Bituminous .....	-	26,160	...	...	-	-
Totals .....	-	26,160	...	...	-	-
Nova Scotia:						
Anthracite .....	-	-	-	-	-	-
Bituminous .....	4,134,161	1,017	2,302,896	4,751	241,015	-
Totals .....	4,134,161	1,017	2,302,896	4,751	241,015	-
New Brunswick:						
Anthracite .....	-	-	-	-	-	-
Bituminous .....	996,328	210,034	53,732	30,456	-	-
Totals .....	996,328	210,034	53,732	30,456	-	-
Quebec:						
Anthracite .....	-	-	...	...	297,515	5,045
Bituminous .....	-	1,388,854	...	...	878,209	-
Sub-bituminous .....	-	85	...	...	-	-
Totals .....	-	1,388,939	...	...	1,175,724	5,045
Ontario:(2)						
Anthracite .....	-	-	...	-	318,880	-
Bituminous .....	-	719,470	...	458	14,506,339	-
Sub-bituminous .....	-	5,541	...	-	-	-
Lignite .....	-	178,830	...	-	-	-
Totals .....	-	903,841	...	458	14,825,219	-
Manitoba:						
Anthracite .....	-	-	...	-	52	-
Bituminous .....	-	124,597	...	749	2,885	-
Sub-bituminous .....	-	128,679	...	-	-	-
Lignite .....	-	628,814	...	-	-	-
Totals .....	-	882,090	...	749	2,937	-

See footnotes at end of table.

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TABLE 3. Summary of Coal Statistics for 1965 - Production, Exports, Interprovincial Shipments, Landed Imports, (1) and Coal made available for Consumption, by Provinces and by Kinds - Concluded

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					
Saskatchewan:						
Anthracite .....	-	-	-	-	-	-
Bituminous .....	-	709	-	-	-	-
Sub-bituminous .....	-	388,569	-	-	-	-
Lignite .....	2,063,933	-	807,644	7,234	-	-
Totals .....	2,063,933	389,278	807,644	7,234	-	-
Alberta:						
Anthracite .....	-	-	-	-	-	-
Bituminous .....	859,176	191	173,217	628,924	-	-
Sub-bituminous .....	2,554,752	-	654,619	-	-	-
Lignite .....	-	-	-	-	-	-
Totals .....	3,413,928	191	827,836	628,924	-	-
British Columbia:						
Anthracite .....	-	-	-	-	213	-
Bituminous .....	971,465	144,616	152,805	403,689	40	-
Sub-bituminous .....	-	131,745	-	-	-	-
Lignite .....	-	-	-	-	-	-
Totals .....	971,465	276,361	152,805	403,689	253	-
Yukon:						
Anthracite .....	-	-	-	-	-	-
Bituminous .....	8,801	-	-	-	-	-
Sub-bituminous .....	-	-	-	-	-	-
Lignite .....	-	-	-	-	-	-
Totals .....	8,801	-	-	-	-	-
Canada:						
Anthracite .....	-	-	-	-	618,465	5,045
Bituminous .....	6,969,931	2,682,650	2,682,650	1,069,027	15,646,223	-
Sub-bituminous .....	2,554,752	654,619	654,619	-	-	-
Lignite .....	2,063,933	807,644	807,644	7,234	-	-
Totals .....	11,588,616	4,144,913	4,144,913	1,076,261	16,264,688	5,045

(1) Direct imports into each province.

(2) Includes Head of Lakes.

Note: In addition to the above, 7,600 tons of briquettes were imported from the United States.

TABLE 4. Employees, Salaries and Wages in Coal Mines, by Provinces, 1964 and 1965

Province	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				
	number							dollars		
1964										
Nova Scotia .....	214,223	1,311,900	1,526,123	425	641	5,151	6,217	1,982,750	23,254,661	25,237,411
New Brunswick .....	163,398	67,047	230,445	57	500	279	836	241,407	3,053,778	3,295,185
Saskatchewan .....	44,294	-	44,294	32	161	-	193	157,608	772,455	930,063
Alberta .....	154,681	130,918	285,599	171	489	534	1,194	705,987	4,525,744	5,231,731
British Columbia .....	42,793	98,799	141,592	65	161	412	638	379,925	2,412,023	2,791,948
Yukon .....	575	1,748	2,323	1	1	7	9	7,425	41,039	48,464
Canada .....	619,964	1,610,412	2,230,376	751	1,953	6,383	9,087	3,475,102	34,059,700	37,534,802
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

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





TABLE 5. Supply and Demand of Coal for years 1955-65

No.		1955	1956	1957	1958
		short tons			
	Supply				
	Domestic production:				
1	Bituminous .....	10,184,857	10,309,587	9,050,742	7,748,289
2	Sub-bituminous .....	2,340,207	2,264,382	1,889,601	1,685,645
3	Lignite .....	2,293,816	2,341,641	2,248,812	2,253,176
4	Totals .....	14,818,880	14,915,610	13,189,155	11,687,110
	Landed imports:				
5	Anthracite .....	2,544,574	2,519,996	1,897,790	1,494,702
6	Bituminous .....	16,827,931	20,481,329	18,039,143	11,831,203
7	Totals .....	19,372,505	23,001,325	19,936,933	13,325,905
8	Total inventory change(1) .....	- 1,593,964	+ 1,486,784	+ 1,122,544	- 1,631,013
9	Total coal available .....	35,785,349	36,430,151	32,003,544	26,644,028
	Demand				
	Industrial consumption:				
10	Electric utilities .....	1,339,502	1,595,185	1,981,877	1,654,936
11	Mining .....	..	364,588	314,462	352,612
12	Manufacturing .....	..	10,683,152	10,474,492	9,262,639
13	Totals .....	11,686,061(2,3)	12,642,925	12,770,831	11,270,187
14	Retail sales .....	8,058,646	7,883,992	6,891,857	5,908,868
15	Railways for own consumption .....	6,393,586	6,541,316	4,075,096	2,032,979
16	Ship's bunker for own consumption .....	501,412	474,566	494,104	383,241
17	Government and institutional consumption .....	245,000	256,000	245,000	253,000
18	Totals .....	15,198,644	15,155,874	11,706,057	8,578,088
	Coal mine disposition:				
19	Used in colliery boilers, shops, railway .....	262,760	245,939	210,451	160,246
20	Sold to employees .....	178,524	174,576	164,490	145,472
21	Sold direct to domestic consumers (less employees) .....	959,346	676,823	774,963	688,562
22	Total disposition mines .....	1,400,630	1,097,338	1,149,904	994,280
	Exports:				
23	United Kingdom .....	233,770	240,137	-	-
24	United States .....	336,759	339,654	350,819	321,744
25	Japan .....	-	-	29,976	5,240
26	St. Pierre .....	10,656	10,086	15,311	11,393
27	Other .....	11,597	4,289	205	167
28	Totals .....	592,782	594,166	396,311	338,544
29	Coal used for manufacture of coke(4) .....	5,475,418	5,928,498	5,720,325	4,788,958
30	Loss .....	379,240	414,061	228,549	60,754
31	Total reported consumption .....	34,732,775	35,832,862	31,971,977	26,030,811
32	Unaccounted for .....	1,052,574	597,289	31,567	613,217
33	Total demand .....	35,785,349	36,430,151	32,003,544	26,644,028

(1) Includes docks.

(2) Only dollar volume for coal purchases was reported in 1955 in mining and manufacturing.



Date		Description		Amount	
1911	Jan 1	Balance		100.00	
1911	Jan 15	Received from John Doe		50.00	
1911	Feb 1	Received from Jane Smith		25.00	
1911	Mar 1	Received from Mr. Brown		75.00	
1911	Apr 1	Received from Mrs. White		30.00	
1911	May 1	Received from Mr. Green		40.00	
1911	Jun 1	Received from Mr. Black		60.00	
1911	Jul 1	Received from Mr. Grey		20.00	
1911	Aug 1	Received from Mr. Blue		15.00	
1911	Sep 1	Received from Mr. Yellow		10.00	
1911	Oct 1	Received from Mr. Purple		5.00	
1911	Nov 1	Received from Mr. Pink		3.00	
1911	Dec 1	Received from Mr. Brown		2.00	
1911	Dec 31	Total		400.00	

TABLE 5. Supply and Demand of Coal for years 1955-65

1959	1960	1961	1962	1963	1964	1965	No.
short tons							
6,945,459	7,299,764	6,827,253	6,531,292	7,047,845	7,220,372	6,969,931	1
1,733,883	1,540,577	1,361,600	1,497,171	1,654,293	2,104,912	2,554,752	2
1,947,380	2,170,797	2,208,851	2,256,306	1,873,556	1,994,039	2,063,933	3
10,626,722	11,011,138	10,397,704	10,284,769	10,575,694	11,319,323	11,588,616	4
1,456,366	1,199,809	985,217	851,668	807,375	626,979	623,510	5
12,147,655	11,090,245	11,147,232	11,469,709	13,933,073	14,111,563	15,646,223	6
13,604,021	12,290,054	12,132,449	12,321,377	14,740,448	14,738,542	16,269,733	7
- 1,066,993	- 267,102	- 265,166	- 775,148	+ 363,672	- 65,008 <sup>r</sup>	+ 708,298	8
25,297,736	23,568,294	22,795,319	23,381,294	24,952,470	26,122,873 <sup>r</sup>	27,150,051	9
1,419,122	1,846,149	2,253,398	3,725,005	5,150,179	6,264,520	..	10
355,095	310,579	236,215	195,803	..	..	..	11
8,439,373	7,953,217	7,452,013	6,778,062	..	..	..	12
18,213,590	10,109,945	9,941,626	10,698,870 <sup>r</sup>	12,433,888(3)	13,835,963(3)	15,523,982(3)	13
5,611,251	4,615,323	4,026,780	3,540,615	3,087,777	2,627,714	2,062,186	14
1,197,406	655,418	476,752	386,834	324,513	283,418 <sup>r</sup>	223,000	15
306,516	306,494	252,111	246,524	261,369	317,780	343,119	16
295,000	307,000	320,000	279,000	231,000	203,000	183,000	17
7,410,173	5,884,235	5,075,643	4,452,973	3,904,659	3,431,912 <sup>r</sup>	2,811,305	18
124,249	102,219	66,589	47,262	52,257	53,222	50,289	19
141,899	122,230	125,329	124,038	117,189	119,214	118,147	20
709,369	635,740	697,554	654,480	615,187 <sup>r</sup>	618,003 <sup>r</sup>	633,375	21
975,517	860,189	889,472	825,780	784,633 <sup>r</sup>	790,439 <sup>r</sup>	801,811	22
-	6,632	-	50	-	-	-	23
273,912	241,892	249,504	250,328	274,759	303,028	198,020	24
190,722	604,397	685,263	639,040	772,470	984,846	1,023,134	25
9,134	-	4,569	4,501	7,138	3,790	4,825	26
-	-	-	-	-	-	15	27
473,768	852,921	939,336	893,919	1,054,367	1,291,664	1,225,994	28
5,654,781	5,288,217	5,330,542	5,452,320	5,842,253	6,023,035	6,058,470	29
112,751	234,781	62,411	68,738	123,743	100,012	88,574	30
24,840,580	23,230,288	22,239,030	22,392,600	24,143,543 <sup>r</sup>	25,473,025 <sup>r</sup>	26,510,136	31
457,156	338,006	556,289	988,694 <sup>r</sup>	808,927 <sup>r</sup>	649,848 <sup>r</sup>	639,915	32
25,297,736	23,568,294	22,795,319	23,381,294	24,952,470	26,122,873 <sup>r</sup>	27,150,051	33

(3) Total as reported by industrial consumers.

(4) Charged to ovens plus incidental coke plant consumption.

<sup>r</sup> Revised figures.

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