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QUARTERLY REPORT

ON

# COAL AND COKE STATISTICS FOR CANADA

APRIL, MAY, JUNE, 1942.

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# COAL STATISTICS FOR CANADA

April, May and June, 1942

Foreword.—During the past twenty years the Bureau has published comprehensive monthly reports on coal statistics, and for the past seventeen years, on both coal and coke statistics. These reports, similar in form to the present issue, have been printed on the fifteenth of the second following month. To expedite this service, it was decided, beginning with the issue for January, 1928, to restrict the monthly bulletin to a record of cutput, imports and exports data compiled by provinces and by kinds of coal; and to continue coke statistics as heretofore. This monthly bulletin is now being published about the twentieth of the next following month.

A quarterly report, of which the present publication is an example, contains revised data on production for each of the three months under review. All the other tables shown in the monthly report as it was published in previous years, are continued in this quarterly report which is prepared for publication about the fifteenth of the second following month after the end of the quarter.

Canadian coal production during the second quarter of 1942 totalled 4,223,605 short tons compared with 3,635,353 tons a year ago, an increase of 16 per cent. Bituminous coal output during the period amounted to 3,476,261 tons, sub-bituminous coal to 153,881 tons and lignite coal, 593,463 tons. Production of all coal for the first six months of 1942 totalled 9,464,864 tons as compared with 8,461,714 tons for the corresponding period of 1941.

Production from Nova Scotia mines totalled 1,809,187 tons, an increase of 8 per cent over the same period a year ago. Alberta mines produced 1,539,233 tons, an increase of 29 per cent. Alberta's output consisted of 991,135 tons of bituminous coal, 153,881 tons of sub-bituminous coal and 394,217 tons of lignite coal. Production in Alberta during the corresponding period of 1941 included 926,910 tons of bituminous, 90,846 tons of sub-bituminous and 179,279 tons of lignite coal. British Columbia operators reported an output of 573,140 tons, 22 per cent more than in 1941. Saskatchewan's output totalled 199,246 tons, an increase of 21 per cent. New Brunswick mines produced 102, 799 tons, a decrease of 21 per cent.

Canada imported 6,975,037 tons during the second quarter of 1942 as against 4,292,090 tons for the corresponding period of 1941. Imports included 1,125,927 tons of anthracite, 5,849,105 tons of bituminous and 5 tons of lignite coal. Exports totalled 132,322 tons as against 95,438 tons a year ago.

Canada's coal supply (Computed on the basis of production plus imports less exports) amounted to 11,066,320 tons as against 7,832,005 tons for the second quarter of 1941.

Canadian coal mines employed 24,525 men in April, 23,522 in May and 24,065 in June. On the average, the men produced 175.7 tons during the period or 2.68 tons per man per day.

# EXPLANATORY NOTES ON THE TABLES

The figures in this report are the latest available at time of printing, for each month in the quarter, on production, imports and exports of coal and coke, for Canada. Preliminary figures are published monthly. Finally revised data for the year are given in the Annual Report on Coal Statistics.

#### Output-

The output of coal from each district or county is shown for each month of the quarter under review; the total output during the calendar year to date and the output during the corresponding period of the previous year are also given.

### Imports and Exports-

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

#### Coal made available for Consumption in Canada-

In Table No. 2 the total quantities of coal mined in each month have been added to the total quantities imported. From this aggregate there has been deducted the quantity of Canadian coal exported during the menth. The amount remaining is the tonnage of coal made available for consumption during each of the months reported.

#### Tonnage Lost-

A plan has been worked out by the Bureau which is now being applied in every coal-producing province, and the following outline of the procedure is given, in order that the reader may clearly understand

how the data in Table 4 were obtained.

For each month the actual output and the actual number of day's work done by all employees on the colliery pay-rolls are determined and from these two figures the output per man-day is deduced. The number of individual shifts lost by the men whose names are on the colliery pay-roll for the month is recorded, and the total number of shifts so lost is multiplied by the actual tonnage produced per man-day during the month. This lost tonnage plus the actual output of the mine during the month is regarded as the possible output and the percentages given in Table 4 showing the proportions produced and lost, are computed from these figures. The tonnage lost during the quarter is analyzed in percentages according to the cause of loss.

Table 1.-Summary of the Principal Coal Statistics for Canada

(Short tons)

	April May 1942 1942	June 1942	Three n		Six mo ending J		P	ercentage	relation	8	
	10.54	1044		1942	1941	1942	. 1941	(2) to (1)	(3) to (2)	(4) to (5)	(6) to (7)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Output	1.523.757	1,315,834	1,384,014	4,223,605	3,635,353	9,461,864	8,461,714	64	105	116	117
Imports.	1,731,543	2.567.897	2,675,597	6,975.037	4,292,000	9,731,075	6,033,483	148	104	163	161
Exports	33.311	48, 185	59.826	132,32?	95,438	274,921	203,789	145	106	129	135
Coal made available	3,221,989	3,835,516	4,008,785	11,966.320	7,832,905	18,921,018	14,291,408	119	105	141	133

Table 2. – Output, Exports, Imports, and Coal Made Available for Consumption in Canada (Short tons)

	Out	put	Expor	ts	lmp	orts	Coal	made nym	lable
Month	1941	1942	1941	1942	1941	1942	1940	1941	1942
January	1.777.863	1,919,241	43.570	49.587	529,570	933.613	2, 146, 440	2,203,857	2,803,26
February			36,962	42,652				1,973,399	2.512.519
Mursh	1.546.559	1,610,103	27, 813	50, 360				2, 222, 157	2,538,913
April	1, 232, 801	1,523,757	25,264	33.311	516.736			1,724,273	3,221,989
May	1, 222, 978		38.320	48, 185	1,309,690	2.567.897	3,605,589	2,494,346	3,835,540
June		1.384.014	31,854	50, 826	2,465,604	2.875.597	3.542.381	3,613,386	4,008,78
July	1.216.319		55.073		2.634.211			3.795,457	
August	1.404.335		42, 289	_	2,702,485		3,660,256	4.064,531	_
September	1.509.035		44,883		2,913,136		3,396,215	4,467,288	-
Cletolar	1,903,605		59,941		2.898.383	-		4,740,077	-
November	1.838.831		59,370	-	2,795,680	-	3,290,965	4,565,141	
December	1,813,943		66,134		1,833,483	-	2,466,617	3,581,292	- 17
Total-									
6 months to June 30th	8,461,714	9,481,884	203,789	274,921	6,033,183	9,731,075	14,773,135	11,291,408	18,921,01
12 months to June 30th.	17,783,485	19,230,932	489,578	692,581	16,852,412	25,506,453	33,398,429	34,136,319	44,134,70
12 months to Den 31st.	18, 227, 783		531,449	-	21,808,861		34,608.016	39,503,194	-

Table 3.—()utput of Canadian Goal, by Provinces and by Kinds, 1942
(Short tons)

1			Output by	provinces		1	Out	tput by king	ia	Total for
Month	Nova Scotia	New Brimswick	Mani- toba	Saskat- chewan	Alberta	British Columbia	Bitum-	Sub-bit- uminous	Lignite	Canada
Jan. tons	671.196	39,895	168	179, 521	829,036	199, 425		70,520	601,438	
Feb tons	35 684,649	36,362	115	148,424	649,764		1,227,842	62.045	422,028	1,711,915
Mar. tons	675,218	36.300	110	99,516	38 587,494	210,465		58.350	261,968	1,610,103
Apriltons	676,90d	31.985	-	88,760	527, 827			54,247	210, 155	1,523,757
May 100s	609.417	34,072		55,745		180,915	1,118,506 85	48,631	148,697	1
June tons	522.884 38		-	54.741	575,921			51,003	234,611	1,384,014
July tons	- 10	-		-4	41	- 11	- 15	-	- 17	100
Aug. tons	-	-		_	-	-	-	-	-	
Sept tons		2		-	-	-	1	_		-
Oct tous	~	-	-	-	ī	-		-		
Nov. tons	=	_	100		1	-	_	-	_	3
Dec. tons	_		-	_	-	_		-	_	-
Year to	-		-	-				-		_
date tons	3,841,250	215,356	393	626,707	3,605,527		7,241,171		1,878 897	

Table 4.—Tonnage Lost in the Coai Mines of Canada, April, May, June, 1942

	Per cent produced in				Per cent lost in				Per cent lost during first quarter through					
Province	Apr.	May	June	Total three months	Apr.	May	June	Total three months	Absen- tesism	Lack of orders	Car short- age	Mine dia- ability	Other	
Nova Scotia New Brunswick	86 77	85 80	71 86	81 81	14. 23	15 20	29 14	19 19	6.5	7·1 3·2	1.2	2·2 3·8		
Manitoba Saskatchewan	90	70	86	82	10	30	14		0.0	12.0	0.0	6.0		
Alberta British Commbin	85 93	80 90	95 94	83 92	15	20 10	15 6		5-2 1-9	0.8		0.8	1-7	
Canada	87	83	80	83	13	17	20	17	5.2	7-8	0-6	1.7	2-2	

Table 5.-Number of Employees in the Coal Mines of Canada, by Provinces

	I	April, 1942			May, 1942		June, 1942			
Province	Surface	Under-	Total	Surface	Under- ground	Total	Surface	Under- ground	Total	
Nova Scotia New Brunswick	2,168 258	11.208 742	13,376 1,000	2,105 266	10,742	12,847 957	2,114 279	10,612 654	12,726 933	
Manibota Saskatchewan Alberta British Columbia	230 1,963 697	245 4,997 2,017	475 6,960 2,711	216 1,941 702	224 4,637 1,998	440 6,578 2,700	212 2.049 686	228 5,282 1,949	440 7,331 2,635	
Canada	5,316	19,209	24,525	5,230	18,292	23,522	5,340	18,725	24,063	

# Table 6.—Output of Coal from Canadian Mines (Short tons)

	М	onths, 1942		for 2nd		6 mc ending	ontha June 30	Perce relat	
	April	May	June	1942	1941	1942	1941	(4) to (5)	(6) to (7
IOVA ECOTIA—	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bituminous— Cape Breton	504.635	453,613	358,217	1,316,465	1, 194, 336		2,689,239		10
Cumberland	98.446 13.517	97,610 12,990	04,998 12,168	291.054 38.675	238,040 37,039	570,682 77,888	518,175 76,753	122 104	1
Pietou	60,308	45, 204	57.481	162,993	202,968	355,041	414.274	80	
Total	676.906	609,417	522,864	1,809,187	1,672,383	3,841,250	3,698,441	108	1
lew Brunswick— Bituminous	31,985	34,072	36,742	102,799	130,749	215,356	270,794	79	
fanitoba— Lignite	_	-	_			393	616		
askatchewan- Lignite	88,760	55,745	54,741	199,246	164,082	626,797	581.562	112	1
LEERTA-Bituminous-									
Brulé Coal Area Cascade	28,425	28,727	29.508	86,750	72,952	178,536	142,188	119	1
Clearwater "	-	-	-	-		-			
Highwood "	193,971	138,654	191,364	523,989	500,055	1,109.634 168	941,983 410	165	l l
Mountain Park "	96,006	95,394	88,415	279,815	277.213	518, 102	532.741	101 131	1
Old Man "	33,583	31.327	35,671	100,581	76,690	202,494	142,388	101	
Panther "Smoky River "	-	— top	_		-	_	-	_	
Total Bituminous.	351,985	294,102	345,048	991.135	926,910	2,008,934	1,759,710	107	
Sub-Bituminous-						212 214	000 000	4.00	
Conlspur Coal Area Morley	51,747	46,248	46,293	144,288	88,446	310,910	203.209	163	1
Pekisko "	888	523	478	1,889	393	6,619	2,477	481	2
Pincher " Prairie Creek "	27	_	_	27	59	264	246 16.988	46	1
Saunders "	1,585	1,860	4.232	7,677	1,948	27,003	15.885	394	
Total Sub- Bituminous	54,247	48,631	51,003	153,881	90,846	344,796	238,805	169	1
Lignite-			0.4		Aro	1 004	0.011	0.0	
Ardley Coal Area Big Valley "	64	31	84 52	179 168	658 107	1,624 1,625	6,311 1,443	27 157	
Brooks	321	182	336	839	556	3,625	3.102	151	
Carbon "	1,706 2,399	1,100 1,832	1,129- 2,984-	3,935 7,215	4,278 4,939	19,768 24,374	22,291 24,297	92 146	
Castor "	531	306	377	1,214	1,004	11.729	14.121	121	
Champion " Drumheller "	59,049	414 35,255	721 97.474	1,644	1,156 55,370	4,901 658,981	4,479	142 346	
Edmonton "	27,800	21, 188	23,041	72,020	42,912	248,942	211,695		
Empress " Gleichen "	577	481	982	2.040	1,467	9,180	8,736	139	
linlcourt 46	122	92	72	286	240	1.642	1,714	119	
Lethbridge " Magrath "	15,339	20, 164	38,863	74,366	23,163	162.979	93,820	321	1
Milk River "	49	40	50	139	150	425	736	93	
Pakan Pakowki "	14	_	19	33	- 4	84	161		
Pembina "	5,639	2,815	3,935 1,072	12.389 2.315	19.584	31.645 8.644	36.068 10.570	63 96	
Rochester "	828 53	415	1.012	79	2,415 60	806	901	132	
Sexsmith "	1,491	4,032	4,541	10,064	10,625	21,178	17,329	95	
Slave Lake	1,181	4,002	7,011	20,002	10,050	61,110	25,020	-	
Steveville "	514	455	571	1,540	904	4,838	3.886	170	
Tofield "	4,301	4,082	3,567	11,950			24.335	124	
Wainwright "	-	-	~	-	-	-	1,314	-	
Wetnskiwin "	15		- 14-1	15	83	615	1.589	18	
Whitecourt "Area not designated	_	-	_		_	126	_	-	
Total Lignite	121,395	92,952	179,870	394,217	179,279	1,251,797	963,659		1
otal for Alberta	527,627	435,685	575,921	1,539,233	1,197,035		2,961,574	129	
RITISH COMUMBIA-								== -0c1=====	100
Bituminous— Crow's Nest Pass.	103,910	99.209	104,325	307,444	288,023	629,201	534,985	106	
Inland	13.260	13,696	13,370	40,326	29,570	86,967	70.625 343,117		
Island	81,309	68,010	76.051	225,370	152,611	459,463			
	180 480	90A Ac-	989 840	ER10 6.60	4 NO. BA4	4 475 894	BED THRE	199	
Total	198,479	180,915	193,746	573,140	470,204	1,175,631	948,727	123	

Table 7.—Imports of Coal and Coke into Canada, by Kinds and by Provinces, during the Second Quarter, 1942

(Short tons)

			Co	al			Col	ce
		Anth	racite				Made	f: om
Province	Grate, egg, stove, nut, doubles, cobbles and trebles	Screen- ings or dust	Peas, beans and smaller sizes, N.O.P.	Total	Bitumi- nous	Lignite	Coal	Petro- leum
Prince Edward Island Nova Scotia New Brunswick Quebec Central Ontario Head of Lakes Mauitoba Saskatchewan Alberta British Columbia	685 20,321, 12,488 190,052 553,015	21.331 12.661	3,041 442 179,399 128,216 2,972 1,258	685 23,382 12,930 390,782 693,892 2,972 1,304	267 2,630 1,463,539 4,176,560 203,534 1,521 315 246 493	5	2, 241 148, 006 4, 151 3, 886	44,846
Canada	776,607	33,992	315,328	1,125,927	5,849,105	5	158,409	74,03

Norn.—For the duration of the war no further details on imports of coal and coke will be shown.

Table 8.—Exports of Canadian Coal and Coke, by Provinces, 1942

(Short tons)

	Coal									Coke made from coal			
	Bituminous				Lignite				Co	KA IIIRU	e nom c	UBI	
Province	April	Мау	June	Year to date	April	May	June	Year to date	April	Mny	June	Year to date	
Prince Edward Island				-	_	-	-	-	-	-	-	-	
Nova Scotia	7,146		22,050	94.124 56.971				~	30 29	5	26	43 51	
New Brunswick,	40	10.209	11.000	102	-	_			-	15		60	
ntario			- 10	56	-	211	110	-	2	405	966	1.75	
Innitoha	42	40	-	250		-		243	-	-		-	
hiskatchewan	40	47	18	581	51 160	134	119	802 810			. 1	-	
Alberta	19, 194		16.885	119.343	168	41	122	1.631	3.585	3.365	2.996	20.70	
ukon	-	-	-	-	-	-	~	-	-	-	-	-	
Canada	32,932	48,010	50,556	271,435	379	175	270	3,486	3,646	3,790	3,989	22,63	

Table 9.—Exports of Petroleum Coke from Canada, by Provinces, 1942

(Short tons)

Province	April	May	June	Year to date
Nova Scotia Now Brunswick Quebec Ontario.	200 5,340	200 200 3,633	5 209 2,856	1,075 409 25,478
Canada	5,540	4,033	3,070	26,967

# COKE STATISTICS FOR CANADA

# April, May and June, 1942

Production of coke in Canada during the second quarter of 1942 totalled 816,487 tons, compared with 817,383 tons made in the previous quarter and 760,546 tons in the corresponding period of a year ago.

Compared with data for the first quarter the totals for April, May and June show a decline in Ontario to 456,872 tons from 457,864 tons, an advance in the output of the eastern provinces to 283,562 tons from 280,142 tons and a decline in the western provinces to 76,053 tons from 79,377 tons.

Table 10.—Coal Used in Coke-making and Coke Produced, by Months, 1942

(STATE COIS)				
34 - 1	Bituminous	Coke made		
Month	Canadian	Imported	Total	
January February March April May Jane	141,736 128,590 143,883 137,645 132,203 132,644	247,272 223,579 243,792 239,584 251,139 242,108	389,008 352,169 387,675 377,227 383;342 374,752	252,668 286,518 270,342 276,576
Total	816,699	1,447,474	2,264,173	1,633,870

Table 11.—Disposition of Coke by the Producers, by Months, 1942

			i perroreum co				
	Use	d					
	1		Direct to consumers To				Total disposed
	In coke or gas plants	In mukers' smelters	For domestic use	For other uses	dealers for resale	For export	of
January February March April May June	24, 474 23,032 24,752 23,028 23,397 22,029	143.324 128.901 136.309 137.636 146.037 137.729	(tons 25,669 22,948 17,111 10,970 8,395 8,979	of 2,000 pour 55,969 51,295 58,060 69,835 66,447 78,792	71,542 56,770 54,452 38,712 31,440 33,699	4,750 3,302 3,626 3,764 2,983 3,337	325,728 286,248 294,310 283,945 278,699 284,565
Total	140,712	829,936	94,072	380,398	286,615	21,762	1,753,495

Table 12.—Production of Coke in Canada, by Months, 1937-1942
(Exclusive of petroleum coke)

Month	1937	1938	1939	1940	1941	1942
				2,000 pour	rda)	
anuary	218	224	203	257 225	268 240	271 251
Sebruary	198 221	199	191	239	266	28
March April	214	208	184	237	253	27
May	218	208	196	252	260	27
une	210	192	189	249	248	27
Total 6 months	1,279	1,249	1,140	1,459	1,535	1,63
uly	212	183	190	259	259	
lugust	214	182	193	257	266	
September	208	184	188	252	263 276	
October	218 217	184	227	263 258	270	
November December	222	190	243	267	282	
Total calendar year	2,570	2,352	2,416	3,615	3,151	

Table 13.—Production in Canada, Imports, Exports and Apparent Consumption of Coke, by Provinces, 1941 and 1942

(Exclusive of petroleum coke)

Province	Production		Imports		Exporta		Apparent consumption	
	1941	1942	1941	1942	1941	1942	1941	1942
Nova Scotia, New Brunswick and Queric — January February March April May June	90. 155 76.914 85.641 81.363 81.324 76,369	96, 296 87, 720 96, 126 93, 132 96, 820 93, 620	1,519 2,867 7,400 2,841 3,425 3,512	177 2.749 2,712 264 460 1,517	67 65 35 80 -	43 17 1 59 20 26	91, 807 79,716 93,006 84,124 84,749 79,838	96.430 90.452 98.837 18.327 97.260 95,111
Total—First Quarter	252,710	280,142	11,786	5,638	167	61	261,329	285,719
Second Quarter	239,056	283,562	9,778	2,241	123	105	218,711	285,698
Year to date	491,766	563,704	21,564	7,879	290	166	513,049	571,417
Ontario— January February March April May June	154, 082 139, 806 156, 956 151, 880 153, 196 149, 131	154, 935 139, 874 163, 055 150, 871 155, 180 150, 714	42,673 35,225 38,831 35,570 55,131 57,680	36,901 36,087 35,789 46,152 52,795 53,210	9 2 -	383 - 2 405 966	106,755 175,022 195,785 187,450 211,327 201,853	191,453 175,961 198,844 197,022 207,676 202,958
Total First Quarter	450,844	157,861	116,729	108,777	11	383	567,562	566,258
Second Quarter	457,307	156,872	113,381	152,152	58	1,373	600,630	607,656
Year to date	908,154	911,736	260,110	260,934	69	1,756	1,168,192	1,173,914
MANITOBA, SARKATCHEWAN, ALBERTA AND BRITISH COLUMBLA- January February March April May June	23, 662	26, 966,	1.342	3,267	3,090	3,167	21, 914	27,066
	23, 867	25, 074	1.147	1,009	3,875	4,082	20, 139	22,001
	23, 833	27, 337	821	1,381	2,548	3,513	22, 106	25,205
	19, 770	26, 348	638	885	3,454	3,585	16, 954	23,648
	22, 269	24, 470,	816	973	2,858	3,365	20, 227	22,078
	22, 144	25, 235	799	2,153	2,252	2,997	20, 691	24,391
Total First Quarter	70,362	79,377	3,310	5,657	9,513	10,763	64,159	71,272
Second Quarter	61,183	76,053	2,253	4,011	8,564	9,947	57,872	70,117
Year to date	134,545	155,430	5,563	9,668	18,077	20,709	122,031	144,389
Canada January February March April May June	267, 899, 239, 587, 266, 430, 253, 013, 259, 789, 247, 744	278, 197 252, 668 286, 518 270, 342 276, 576 269, 569	45,534 39,239 47,052 39,049 59,372 56,991	40,345 39,845 39,882 47,301 54,218 56,880	3.157 3.949 2.585 3.534 2.858 2.353	3,593 4,099 3,514 3,646 3,790 3,989	310, 276 274, 877 310, 897 288, 5, 8 316, 303 303, 382	314,949 288,414 32:,886 313,997 327,014 323,460
Total—First Quarter.	773,916	817,383	131,825	120, 972	9,691	11,206	896,010	926,249
Second Quarter.	760,546	816,487	155,412	158, 409	8,745	11,425	907,213	963,471
Year to date	1,534,462	1,633,870	287,237	278, 481	18,436	22,631	1,803,263	1,889,720





