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on

**COAL AND COKE STATISTICS**

for Canada

DECEMBER 1931

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Figures in this report are the latest available at time of printing. Revised data by months are given in the printed quarterly editions and final figures for the year by months, are shown in the annual report on Coal Statistics for Canada.

**DOMINION BUREAU OF STATISTICS, CANADA**  
DOMINION STATISTICIAN . R.H. COATS, B. A., F. S. S. (HON.) F.R.S.C.

W. H. LOSEE, B. Sc. -- Chief of the  
MINING, METALLURGICAL AND CHEMICAL BRANCH.

## **COAL**

### **DECEMBER 1931**

In December, Canadian coal mines produced 1,194,346 tons, a falling-off of 26.2 per cent from the 1926-1930 average for the month of 1,618,763 tons. Compared with the corresponding month of 1930, the decline was only 7 per cent. The December output consisted of 750,683 tons of bituminous coal, 390,576 tons of lignite coal, and 53,087 tons of sub-bituminous coal. Mines in Nova Scotia produced 375,773 tons; in New Brunswick, 19,197 tons; in Saskatchewan, 102,663 tons; in Alberta, 508,900 tons; and in British Columbia, 187,813 tons.

Coal imported into Canada during December amounted to 1,025,187 tons as compared with the five-year average for the month of 1,466,605 tons. Anthracite imports during the month declined to 179,875 tons and included 168,655 tons from the United States and 11,220 tons from Great Britain. Receipts of bituminous coal consisted of 828,501 tons from the United States and 16,090 tons from Great Britain. Lignite imports were recorded at 721 tons cleared through British Columbia ports.

Canadian coal exports continued at a low level and amounted to 42,407 tons, or 6.14 per cent below the average for December in the past five years. The December exports were consigned to the United States, Newfoundland, Alaska, Brazil, Great Britain, France, St. Pierre and Miquelon, the Netherlands, Greece and Cuba.

Based on output, imports and exports data, the tonnage of coal made available for consumption in December totalled 2,177,126 tons, a decline of 26.8 per cent from the 1926-1930 average for the month of 2,975,373 tons. During the month under review the United States supplied 45.8 per cent of the coal made available for use, Canada, 52.9 per cent and Great Britain, 1.3 per cent.

Output during the calendar year 1931 amounted to 12,211,699 tons as against 14,881,324 tons in 1930 and 17,496,557 tons in 1929. Imports into Canada totalled 13,531,831 tons made up of 3,178,141 tons of anthracite coal, 10,347,280 tons of bituminous coal and 6,410 tons of lignite coal. Exports during the year included 336,302 tons of bituminous coal, and 23,551 tons of lignite coal. Canada's coal supply for the year was computed at 25,383,677 tons: in 1930, the total was 31,876,886 tons.

## COAL STATISTICS FOR CANADA, DECEMBER, 1931. (Short Tons)

	OUTPUT	I M P O R T S			EXPORTS
		U.S.	G.B.	Total	
Prince Edward Is. -					
Anthracite.....	-	-	-	-	-
Bituminous.....	-	33	-	33	-
Nova Scotia -					
Anthracite.....	-	-	6,304	6,304	-
Bituminous.....	375,773	-	6,988	6,988	18,906
New Brunswick -					
Anthracite.....	-	2,747	4,907	7,654	-
Bituminous.....	19,197	451	56	507	3,553
Quebec -					
Anthracite.....	-	46,238	9	46,247	-
Bituminous.....	-	34,030	9,046	43,076	-
Central Ontario -					
Anthracite.....	-	117,208	-	117,208	-
Bituminous.....	-	778,540	-	778,540	7
Man. & Hd. of Lakes -					
Anthracite.....	-	2,462	-	2,462	-
Bituminous.....	-	15,228	-	15,228	12
Lignite.....	-	-	-	-	266
Saskatchewan -					
Anthracite.....	-	-	-	-	-
Bituminous.....	-	95	-	95	2
Lignite.....	102,663	-	-	-	394
Alberta -					
Anthracite.....	-	-	-	-	-
Bituminous.....	167,900	-	-	-	72
Sub-bituminous.....	53,087	-	-	-	-
Lignite.....	287,913	-	-	-	89
British Columbia -					
Anthracite.....	-	-	-	-	-
Bituminous.....	187,813	124	-	124	15,945
Lignite.....	-	721	-	721	3,161
CANADA -					
(a) December, 1931 -					
Anthracite.....	-	168,655	11,220	179,875	-
Bituminous.....	750,683	828,501	16,090	844,591	38,497
Sub-bituminous.....	53,087	-	-	-	-
Lignite.....	390,576	721	-	721	3,910
Total	1,194,346	997,877	27,310	1,025,187	42,407
(b) 12 Months ending					
December 31, 1931-					
Anthracite.....	-	2,236,423	876,364	x3,178,141	-
Bituminous.....	8,851,337	10,224,982	122,298	10,347,280	336,302
Sub-bituminous.....	470,848	-	-	-	-
Lignite.....	2,889,514	6,410	-	6,410	23,551
Total	12,211,699	12,467,815	998,662	x13,531,831	359,853

x Includes coal imported from other countries.

## COKE

Production of by-product and gas house coke in Canada during the calendar year 1931 amounted to 1,835,622 net tons. This output represented a decline of 23 per cent from the 2,385,994 tons of last year which in turn was only exceeded by the record year 1929 when a total of 2,667,581 tons was reported.

During the year, when production totalled 1,835,622 tons, the apparent consumption of coke in Canada as calculated by deducting the exports of 20,980 tons from the tonnage made in Canada and adding the imports of 733,274 tons, amounted to 2,547,916 tons. In the previous year the apparent consumption, thus computed, was 3,417,233 tons and in 1929 it was 3,879,226 tons.

Statements on the disposition of coke by the makers showed an increase in coke sales to 1,171,929 tons from 1,063,112 tons in 1930 while declines were registered in the quantities transferred to coke plants and associated metallurgical works. The tonnage used in coke plants dropped to 290,523 tons from 301,740 tons and transfers to smelters were also lower at 545,934 tons as against 951,748 tons in the previous year.

In 1931, charges to coke ovens included 561,547 tons of Canadian coal and 1,972,854 tons of imported coal, or a total of 2,534,401 tons of bituminous coal produced 1,835,622 tons of coke. This represented an average yield of 1,449 pounds of coke for each short ton of coal carbonized and compares with a yield of 1,451 pounds in 1930, 1,443 in 1929, and 1,447 pounds in 1928.

Included in the production for 1931 were 163,919 tons of breeze of which 52,063 tons were made in eastern ovens, 100,030 tons in Ontario and 11,826 tons in the west. Sales of breeze totalled 66,890 tons including 8,185 tons by eastern producers, 51,069 tons by Ontario, and 7,636 tons by ovens in the western provinces.

In December, 14,178 tons of coke were charged to iron blast furnaces in Canada to make a total of 437,013 tons for the year.



COKE PRODUCTION IN CANADA BY MONTHS, 1931.

Month	Bituminous coal used for coke making			Coke made	Disposition of coke by makers				
	Canadian	Imported	Total		Used in		Sold to		Sold for Total
					Makers' Coke Plants	Makers' Smelters	Other Smelters	Domestic use etc.	
Jan.	60,846	175,036	235,882	170,885	27,422	58,375	10,316	134,703	230,816
Feb.	56,842	178,041	234,883	165,255	25,316	59,660	6,870	122,176	214,022
March	57,262	189,455	246,717	179,125	27,307	69,718	6,922	97,024	200,971
April	52,383	178,039	230,422	169,098	23,841	60,610	7,865	52,777	145,093
May	47,566	181,417	228,983	169,254	24,916	58,504	5,508	31,874	120,802
June	43,605	169,552	213,157	154,966	22,652	51,369	5,167	41,909	121,097
July	42,744	149,940	192,684	138,830	19,892	41,460	11,441	47,135	119,928
Aug.	42,360	143,972	186,332	132,017	21,570	39,827	11,474	50,592	123,463
Sept.	47,254	132,005	179,259	125,609	24,097	31,318	10,190	68,865	134,470
Oct.	33,155	157,451	190,606	140,328	25,168	20,622	6,927	139,415	192,132
Nov.	41,382	156,710	198,092	143,497	23,553	27,921	8,932	151,915	212,321
Dec.	36,148	161,236	197,384	146,758	24,789	26,550	9,518	132,414	193,271

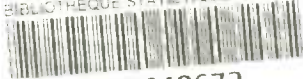
TOTAL 561,547 1,972,854 2,534,401 1,835,622 290,523 545,934 101,130 1,070,799 2,008,386

Coke used in iron blast furnaces: December, 14,178 tons : Year to date, 437,013 tons.

PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF COKE BY PROVINCES, 1930 & 1931.

	Year	Nova Scotia, New Brunswick and Quebec		Ontario		Manitoba, Saskatchewan, Alberta and British Columbia		CANADA	
		Month	Year to date	Month	Year to date	Month	Year to date	Month	Year to date
PRODUCTION	1930	60,686	680,911	136,751	1,516,080	15,717	189,003	213,154	2,385,994
	1931	34,962	536,262	97,055	1,117,488	14,741	181,872	146,758	1,835,622
IMPORTS	1930	1,914	49,721	67,906	993,815	1,502	17,504	71,322	1,061,040
	1931	166	23,969	42,274	694,982	338	14,323	42,778	733,274
EXPORTS	1930	47	1,253	26	317	2,741	28,231	2,814	29,801
	1931	-	897	-	106	2,001	19,977	2,001	20,980
APPARENT	1930	62,553	729,379	204,631	2,509,578	14,478	178,276	281,662	3,417,233
CONSUMPTION	1931	35,128	559,334	139,329	1,812,364	13,078	176,218	187,535	2,547,916

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