

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

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MONTHLY REPORT

COPPER and NICKEL PRODUCTION IN CANADA - DECEMBER, 1938.

COPPER - Copper production in Canada during December rose to 49,520,452 pounds, according to a report just issued by the Dominion Bureau of Statistics at Ottawa. In November, 47,392,939 pounds were produced while in December, a year ago, the output was 49,269,266 pounds. During the calendar year 1938 the Canadian output totalled 587,485,991 pounds; this represented an increase of 10.8 per cent over the 1937 production. Blister copper output in December amounted to 40,748,176 pounds, making a total of 492,329,382 pounds for the twelve month period.

Copper quotations on the London market in December averaged 10.31 cents per pound, in Canadian funds; valued at this price the Canadian output during the month was worth \$5,105,559. The November average price was 10.801 cents and the value of the month's output was \$5,118,911.

The world production of refined copper advanced to 189,801 tons in December from the November total of 177,810 tons. In the United States an increase in output of 1,201 tons to 67,947 tons was recorded. Domestic shipments and exports from the United States totalled 47,680 tons with the result that stocks increased 20,267 tons to 289,755 tons on December 31st. Production in countries other than the United States was 9.7 per cent higher at 121,854 tons; shipments amounted to 109,490 tons, therefore, 12,364 tons were added to the stocks during the month.

Exports of refined copper from the United States in 1938 totalled 570,545 tons or 25.9 per cent above the tonnage exported in 1937. Japan received 109,990 tons of the copper exported during 1938; Germany, 74,334 tons; Czechoslovakia, 33,415 tons; France, 32,110 tons; Great Britain, 30,616 tons; Italy, 21,875 tons; Sweden, 18,623 tons, and other countries, 49,582 tons.

According to the Metal Bulletin, London, copper producers in the international scheme decided to reduce their production on December 15th to 105 per cent of "standard" followed by a further cut to 100 per cent on January 1, 1939.

PRODUCTION OF COPPER IN CANADA

Month	1938			1937		1936	
	OUTPUT (a)	Average value per pound in Canadian funds	TOTAL VALUE(a)	OUTPUT		OUTPUT	
	Pounds	cents	\$	Pounds		Pounds	
January	52,454,135	10.131	5,314,128	37,284,612		34,303,820	
February	46,835,955	9.756	4,569,316	38,442,389		32,917,202	
March	48,089,283	9.725	4,676,683	41,811,140		36,493,444	
April	47,750,255	9.701	4,632,252	42,026,576		35,500,956	
May	48,429,331	9.162	4,437,095	41,594,475		35,168,740	
June	48,489,958	8.832	4,282,633	42,574,992		31,119,359	
July	49,607,247	9.846	4,884,330	41,750,471		28,693,176	
August	49,321,991	10.034	4,948,969	44,549,447		35,438,299	
September	50,238,306	10.184	5,116,269	48,063,788		36,132,454	
October	49,356,139	11.002	5,430,162	51,915,082		34,644,498	
November	47,392,939	10.801	5,118,911	50,746,377		37,007,475	
December	49,520,452	10.310	5,105,559	49,269,266		43,608,309	
TOTAL - CALENDAR YEAR.	587,485,991	...	58,516,307	530,028,615		421,027,732	

(a) Subject to revision.

EXPORTS OF COPPER FROM CANADA DURING THE MONTH OF DECEMBER AND THE CALENDAR YEAR 1938.

	DECEMBER, 1938		CALENDAR YEAR 1938	
	Pounds	\$	Pounds	\$
Copper in ore, matte, regulus, etc. ...	8,265,600	661,261	109,806,100	7,637,581
Copper, blister	2,981,600	298,956	30,527,300	3,056,241
Copper in ingots, bars, cakes, slabs and billets	27,324,900	2,927,817	363,528,700	35,858,006
Copper in rods, strips, sheets, plates and tubing	4,790,600	530,064	53,512,900	5,767,622

IMPORTS OF COPPER INTO GREAT BRITAIN DURING THE MONTH OF DECEMBER and the CALENDAR YEAR 1938.

	DECEMBER, 1938		CALENDAR YEAR 1938	
	Pounds	£	Pounds	£
Unwrought copper, including rough copper of 94% copper content or over - ELECTROLYTIC -				
From - Northern Rhodesia	2,242,240	50,267	36,357,440	739,620
Canada	15,066,240	336,298	213,393,120	4,395,419
Other British countries	56,000	1,245	4,345,600	83,319
United States	4,123,840	93,666	32,561,920	1,693,998
Chile	8,014,720	178,390	103,288,640	2,025,962
Other Foreign countries .....	...	...	752,640	15,701
TOTAL	29,503,040	659,866	441,199,360	8,954,019
OTHER -				
From - Union of South Africa	112,000	2,450	8,693,440	171,226
Northern Rhodesia	6,254,080	127,031	164,814,720	3,060,897
Other British countries .....	...	...	129,920	2,558
Chile	21,618,240	444,640	175,938,560	3,310,156
Other Foreign countries	268,800	5,682	3,680,320	70,355
TOTAL	28,253,120	579,803	353,256,960	6,615,192
Plates, sheets, discs, circles and strip	439,898	13,361	5,289,872	154,811
Rods and sections, angles and shapes and wire not in coils -				
From - Canada	4,347,168	102,654	37,986,592	841,526
Foreign countries	20,720	1,116	112,336	5,750
TOTAL	4,367,888	103,770	38,098,928	847,276
Wire in coils (including uninsulated electric wire)	133,056	3,865	2,436,448	62,834
All other manufactures of copper not elsewhere specified	740,880	25,476	8,134,224	285,232

The Copper Institute has issued the following statistics covering between 85 and 90 per cent of the world's production of copper during the calendar years 1937 and 1938:-

	1937	1938
	Short tons	Short tons
Production, refined copper -		
United States (a)	964,176	637,485
Foreign	1,301,873	1,299,544
Total	2,266,049	1,937,029
Deliveries -		
Domestic	803,095	481,229
United States export (a)	62,798	125,852
Foreign	1,282,284	1,343,975
Total	2,148,177	1,951,056
Stock at end (refined) -		
United States	259,351	289,755
Foreign	211,844	167,413
Total	471,195	457,168

(a) Duty free or chiefly copper of domestic origin.

THE FIRST PART OF THE HISTORY OF THE
CITY OF BOSTON, FROM THE
FIRST SETTLEMENT, IN 1630,
TO THE PRESENT TIME, IN 1800.
BY SAMUEL JOHNSON, ESQ.
OF THE BARR, AT LINCOLN'S INN.
IN TWO VOLUMES.
LONDON: PRINTED BY J. JOHNSON, ST. PAULS CHURCH-YARD, 1780.

THE SECOND PART OF THE HISTORY OF THE
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NICKEL - The Canadian production of nickel in December amounted to 16,618,010 pounds compared with 17,681,983 pounds in the preceding month and 19,700,077 pounds in December, 1937. Production during the calendar year 1938 totalled 210,264,847 pounds; a year ago, 224,905,046 pounds were produced.

The Falconbridge Nickel Mines Limited annual report refers to 1938 Canadian operations as follows:- "The ore dressing plant, mill and smelter operated at full capacity throughout the year with the lowest loss of time for interruptions and repairs since the plants were started. This, in connection with the new ball mill and new sintering machine, which were installed during the first half of the year, has permitted a larger tonnage of ore to be treated and a larger metal production than any previous year, without increasing the blast furnace and converter departments".

PRODUCTION OF NICKEL IN CANADA

Month	1938(a)	1937	1936
	Pounds	Pounds	Pounds
January	20,270,680	16,176,933	14,082,665
February	16,008,523	17,407,519	16,185,811
March	17,298,398	13,197,518	15,699,860
April	20,469,463	20,271,203	11,042,441
May	18,620,908	18,466,323	11,840,380
June	16,327,169	20,264,202	14,100,492
July	17,404,131	15,795,714	12,596,376
August	16,548,872	20,666,636	12,379,095
September	16,914,931	19,026,072	15,905,474
October	16,101,779	18,495,529	12,769,154
November	17,631,983	19,737,320	15,087,856
December	16,618,010	19,700,077	18,049,789
TOTAL - CALENDAR YEAR	210,264,847	224,905,046	169,739,393

(a) Subject to revision.

IMPORTS INTO GREAT BRITAIN DURING THE MONTH OF DECEMBER AND THE CALENDAR YEAR 1938.

	DECEMBER, 1938		CALENDAR YEAR 1938	
	Pounds	£	Pounds	£
Copper ore (including regulus and matte), precipitate and cement copper and NICKEL ORE, CONCENTRATES AND MATTE -				
From - Canada	6,003,200	223,100	66,236,800	2,452,316
Other British countries	13,440	60	13,440	63
Foreign countries .....	...	...	109,760	876
TOTAL	6,016,640	223,160	66,360,000	2,453,255
Nickel -				
Unwrought in ingots, cathodes, cubes, rondels, pellets, shot, grain and powder; and nickel flakes -				
From - Canada	1,076,208	85,758	41,232,912	3,314,073
Norway	142,464	11,637	3,913,056	301,939
Other Foreign countries ...	241,360	20,521	916,160	77,081
Total	1,460,032	117,916	46,062,128	3,693,093
Other descriptions of nickel and nickel alloys	96,768	11,854	5,484,976	456,215



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