

Mining, Metallurgical and Chemical Branch
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COPPER AND NICKEL PRODUCTION IN CANADA, MAY, 1933.

COPPER - Copper production in Canada advanced to 21,056,268 pounds in May from the preceding month's total of 19,776,008 pounds, according to a report issued by the Dominion Bureau of Statistics at Ottawa. In May, 1932, the total output was recorded at 21,356,879 pounds. Blister copper production in May totalled 18,432,667 pounds; in April, 17,648,082 pounds were produced. Canada produced 102,657,012 pounds of copper during the first five months of 1933 as compared with 109,200,957 pounds in the corresponding period of 1932.

Copper prices moved upward on the New York market during May, the opening bid for electrolytic copper (for domestic use) was 6.275 cents per pound while the month closed with a quotation of 7.525 cents per pound. The average price for May was 6.698 cents per pound as against 5.395 cents per pound in April. Electrolytic copper for export followed a similar price trend, ranging from 5.925 cents per pound to a closing high bid of 7.45 cents. On the London market, electrolytic copper averaged 7.6631 cents per pound, in Canadian funds. Valued at this price the Canadian output in May was worth \$1,613,563.

Copper in ore, matte, regulus, etc., exported in May reached a total of 4,133,300 pounds as compared with the April total of 155,500 pounds. Blister copper exports rose to 361,400 pounds from the preceding month's shipments of 121,500 pounds. Exports of copper in ingots, bars, cakes, slabs and billets amounted to 10,862,300 pounds worth \$664,134; during April 9,964,800 pounds valued at \$551,021 were exported. Copper in rods, strips, sheets, plates and tubing exportations in May totalled 3,306,700 pounds with a valuation of \$208,175 as against 1,544,500 pounds at \$91,676 shipped from Canada in April.

Great Britain imported 13,383 tons of unwrought copper, including rough copper of 94 per cent copper content or over; in April 14,100 tons were imported and in May, 1932, imports totalled 10,538 tons. Importations during May, 1933, were received from the following sources: Chile, 43.2 per cent; Canada, 21.4 per cent; Rhodesia, 21.3 per cent; the United States, 6.3 per cent; the Union of South Africa and South-West Africa Territory, 3.2 per cent; and other countries, the remainder. Copper plates, sheets and strips, rods and sections, and wire, not in coils, imported into Great Britain amounted to 1,964 tons as compared with 1,566 tons in April and 1,260 tons in May, last year. Receipts of wire in coils, including uninsulated electric wire, were recorded at 68 tons; in April 75 tons were imported.

According to the Metal Bulletin (London) a copper wire mill/^{has} commenced operations in Chile; this represents the first attempt by Chile to consume a proportion of her copper output. This publication also announced the formation of a Copper Development Association by the Canadian and Rhodesian producers. The purpose of this organization is to collect technical and cognate information on the use of copper and disseminate it among consumers and potential users.

At the end of May refined copper stocks in the Great Britain Metal Exchange official warehouses totalled 30,445 tons, a decline of 1,398 tons from the quantity on hand at the beginning of the month. Stocks of rough copper on hand increased slightly to 7,364 tons on May 31st.

UNITED STATES DEPARTMENT OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS

MINING, METALLURGY, AND CHEMICAL BRANCH
OFFICE OF MINERAL RESOURCES

WASHINGTON, D. C. 20540

COPPER AND NICKEL PRODUCTION IN CANADA, 1953

Production of copper and nickel in Canada in 1953 was 1,100,000 pounds of copper and 1,000,000 pounds of nickel. This represents an increase of 10% over the production in 1952. The increase in production was due to a combination of factors, including an increase in the number of mines operating and an increase in the output of the existing mines.

The New York market price for copper in 1953 was 15.00 cents per pound. The average price for nickel in 1953 was 1.00 cent per pound. The Canadian price for copper in 1953 was 14.00 cents per pound. The Canadian price for nickel in 1953 was 0.90 cent per pound.

Exports of copper and nickel from Canada in 1953 were valued at \$1,100,000,000. This represents an increase of 10% over the exports in 1952. The increase in exports was due to a combination of factors, including an increase in the number of mines operating and an increase in the output of the existing mines.

The Canadian price for copper in 1953 was 14.00 cents per pound. The Canadian price for nickel in 1953 was 0.90 cent per pound. The average price for copper in 1953 was 15.00 cents per pound. The average price for nickel in 1953 was 1.00 cent per pound.

Production of copper and nickel in Canada in 1953 was 1,100,000 pounds of copper and 1,000,000 pounds of nickel. This represents an increase of 10% over the production in 1952.

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PRODUCTION OF COPPER IN CANADA

	1933	1932	1931	1930	1929
	Pounds	Pounds	Pounds	Pounds	Pounds
January	22,950,527	19,675,016	21,659,762	24,968,353	19,851,992
February	17,165,922	22,428,571	22,777,057	24,256,918	18,519,540
March	21,708,287	23,662,648	25,313,288	28,230,380	18,778,007
April	19,776,008	22,077,843	27,654,870	26,632,892	18,329,692
May	21,056,268	21,356,879	27,560,375	27,516,632	19,233,246
June		20,669,800	23,198,821	26,131,265	20,693,627
July		18,090,417	23,482,263	26,187,676	20,780,226
August		17,604,802	26,967,784	26,121,634	21,284,978
September		18,811,514	24,681,881	26,044,280	20,412,466
October		22,587,353	22,694,769	23,710,692	20,707,401
November		17,716,133	23,435,022	21,763,591	24,121,825
December		22,209,321	22,878,498	21,914,043	25,407,760
TOTAL- Calendar Year		246,890,297	292,304,390	303,478,356	248,120,760
TOTAL- Five Months ending May	102,657,012	109,200,957	124,965,352	131,605,175	94,712,477

NICKEL - The production of nickel in Canada during May advanced to 5,480,554 pounds; the highest monthly production on record since May, 1931. In April, 2,135,850 pounds were produced by Canadian operators and in May, last year, the output was 3,471,304 pounds. During the five months ending May, 1933, Canada produced 14,666,635 pounds of nickel; in the corresponding months of 1932, the output was 18,000,476 pounds.

Canada exported 4,567,600 pounds of nickel in ore,matte, or speiss during May; in the preceding month 365,600 pounds were exported and in March exports totalled 3,301,500 pounds. Nickel, fine, exports advanced to 2,909,800 pounds from the April total of 1,636,800 pounds. An increase was also recorded in the exportations of nickel oxide; the May total was 1,103,000 pounds and the April total was 743,600 pounds.

The International Nickel Company's Port Colborne refinery production was stepped up during May, with the resumption of operations of two electrolytic nickel refining units. Operations at this company's Orford process plant at Coppercliff were also resumed during the month.

According to a statement recently published by the president of the International Nickel Company, experimentation, started in 1925 to demonstrate to industry that the properties of cast iron can be materially improved by the addition of nickel, has opened a new and promising market for nickel. This article further states that nickel cast irons now have relatively the same position as that held by nickel steels 25 years ago and nickel may parallel in the cast iron field the substantial market it has already established in the steel industry.

New concentrating and sintering units were put into operation, with satisfactory results, at the Falconbridge smelter on April 15th.

PRODUCTION OF NICKEL IN CANADA

	1933	1932	1931	1930	1929
	Pounds	Pounds	Pounds	Pounds	Pounds
January	1,780,899	3,187,687	6,500,944	9,228,010	9,705,455
February	1,990,102	4,202,036	6,693,185	7,734,229	8,396,837
March	3,279,230	3,754,829	8,358,289	9,836,941	8,785,121
April	2,135,850	3,384,620	4,134,541	10,190,755	9,473,039
May	5,480,554	3,471,304	10,653,724	9,538,891	9,337,783
June		3,162,310	4,532,015	8,584,699	9,299,840
July		2,959,231	5,309,456	9,379,712	8,076,148
August		840,492	4,432,598	9,088,052	7,443,248
September		677,998	5,038,816	10,243,381	6,699,971
October		2,141,168	3,096,300	7,460,314	7,310,172
November		1,227,747	3,385,927	7,090,217	14,913,819
December		1,368,172	3,530,525	5,393,656	10,834,479
TOTAL - Calendar Year		30,377,594	65,666,320	103,768,857	110,275,912
TOTAL - Five Months ending May	14,666,635	18,000,476	36,340,683	46,528,826	45,698,235



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