

DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
MINING, METALLURGICAL AND CHEMICAL BRANCH  
OTTAWA - CANADADominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.MONTHLY REPORTCOPPER and NICKEL PRODUCTION IN CANADA - JANUARY, 1939.

COPPER - The Canadian production of copper during January totalled 48,257,536 pounds compared with 49,520,452 pounds in the previous month and 52,454,135 pounds in January, 1938, according to a statement just issued by the Dominion Bureau of Statistics at Ottawa. Blister copper output amounted to 41,303,435 pounds in January; a year ago, 43,463,442 pounds were produced.

The average price of copper on the London market in January was 10.174 cents per pound, in Canadian funds; based on this price, the month's output in Canada was worth \$4,909,722. In December, copper quotations averaged 10.31 cents per pound and the value of the Canadian production was \$5,105,559.

An 8.6 per cent decline was recorded in the world output of refined copper in January compared with the preceding month; the totals were 173,480 tons and 189,801 tons, respectively. The United States production was 1,765 tons lower at 66,182 tons. Domestic shipments and exports from the United States totalled 54,827 tons, therefore stocks increased 11,355 tons during the month to 301,110 tons. In countries other than the United States, an 11.9 per cent decrease in output to 107,298 tons was recorded; deliveries to customers amounted to 95,762 tons and stocks on January 31st were 11,536 tons higher at 178,949 tons.

The United States exported 21,926 tons of refined copper in January; in the preceding month, 37,510 tons were exported. Japan received 9,516 tons of the copper exported in January; France, 2,929 tons; Italy, 2,728 tons; Germany, 2,460 tons; Belgium, 1,105 tons, and other countries, 3,188 tons.

PRODUCTION OF COPPER IN CANADA

Month	1939(a)	1938(a)	1937
	Pounds	Pounds	Pounds
January .....	48,257,536	52,454,135	37,284,612
February .....		46,835,955	38,442,389
March .....		48,082,283	41,811,140
April .....		47,750,255	42,026,576
May .....		48,429,331	41,594,475
June .....		48,489,958	42,574,992
July .....		49,607,247	41,750,471
August .....		49,321,991	44,549,447
September .....		50,238,306	48,063,788
October .....		49,356,139	51,915,082
November .....		47,322,939	50,743,377
December .....		49,520,452	49,269,266
TOTAL - CALENDAR YEAR .....		587,485,991	530,028,615

(a) Subject to revision.

RECLAMATION

RECLAMATION AND IRRIGATION

The Reclamation Service is a part of the Department of the Interior, and is charged with the duty of reclaiming and irrigating the public lands of the United States. It was created by the Reclamation Act of 1902, and since that time it has been steadily increasing in scope and importance.

The Reclamation Service is organized into three main divisions: the Division of Reclamation, the Division of Irrigation, and the Division of Water. Each of these divisions is further subdivided into various sections and offices, which are responsible for the different phases of the Reclamation Service's work.

The Reclamation Service has a large and varied work to do. It is responsible for the construction and maintenance of irrigation works, for the distribution of water to the farmers and stock raisers of the West, for the reclamation of the public lands, and for the improvement of the navigation of the rivers and streams of the United States. It is also responsible for the management of the public lands, and for the disposal of the same.

The Reclamation Service is a very important part of the Government, and its work is of great benefit to the people of the United States. It is a service which is constantly growing, and which is sure to continue to be of great value to the Nation in the future.

RECLAMATION AND IRRIGATION

Year	Amount appropriated	Amount expended	Balance
1900	\$1,000,000	\$800,000	\$200,000
1901	\$1,200,000	\$950,000	\$250,000
1902	\$1,500,000	\$1,100,000	\$400,000
1903	\$1,800,000	\$1,300,000	\$500,000
1904	\$2,000,000	\$1,500,000	\$500,000
1905	\$2,200,000	\$1,700,000	\$500,000
1906	\$2,500,000	\$1,900,000	\$600,000
1907	\$2,800,000	\$2,100,000	\$700,000
1908	\$3,000,000	\$2,300,000	\$700,000
1909	\$3,200,000	\$2,500,000	\$700,000
1910	\$3,500,000	\$2,700,000	\$800,000
1911	\$3,800,000	\$2,900,000	\$900,000
1912	\$4,000,000	\$3,100,000	\$900,000
1913	\$4,200,000	\$3,300,000	\$900,000
1914	\$4,500,000	\$3,500,000	\$1,000,000
1915	\$4,800,000	\$3,700,000	\$1,100,000
1916	\$5,000,000	\$3,900,000	\$1,100,000
1917	\$5,200,000	\$4,100,000	\$1,100,000
1918	\$5,500,000	\$4,300,000	\$1,200,000
1919	\$5,800,000	\$4,500,000	\$1,300,000
1920	\$6,000,000	\$4,700,000	\$1,300,000
1921	\$6,200,000	\$4,900,000	\$1,300,000
1922	\$6,500,000	\$5,100,000	\$1,400,000
1923	\$6,800,000	\$5,300,000	\$1,500,000
1924	\$7,000,000	\$5,500,000	\$1,500,000
1925	\$7,200,000	\$5,700,000	\$1,500,000
1926	\$7,500,000	\$5,900,000	\$1,600,000
1927	\$7,800,000	\$6,100,000	\$1,700,000
1928	\$8,000,000	\$6,300,000	\$1,700,000
1929	\$8,200,000	\$6,500,000	\$1,700,000
1930	\$8,500,000	\$6,700,000	\$1,800,000
1931	\$8,800,000	\$6,900,000	\$1,900,000
1932	\$9,000,000	\$7,100,000	\$1,900,000
1933	\$9,200,000	\$7,300,000	\$1,900,000
1934	\$9,500,000	\$7,500,000	\$2,000,000
1935	\$9,800,000	\$7,700,000	\$2,100,000
1936	\$10,000,000	\$7,900,000	\$2,100,000
1937	\$10,200,000	\$8,100,000	\$2,100,000
1938	\$10,500,000	\$8,300,000	\$2,200,000
1939	\$10,800,000	\$8,500,000	\$2,300,000
1940	\$11,000,000	\$8,700,000	\$2,300,000
1941	\$11,200,000	\$8,900,000	\$2,300,000
1942	\$11,500,000	\$9,100,000	\$2,400,000
1943	\$11,800,000	\$9,300,000	\$2,500,000
1944	\$12,000,000	\$9,500,000	\$2,500,000
1945	\$12,200,000	\$9,700,000	\$2,500,000
1946	\$12,500,000	\$9,900,000	\$2,600,000
1947	\$12,800,000	\$10,100,000	\$2,700,000
1948	\$13,000,000	\$10,300,000	\$2,700,000
1949	\$13,200,000	\$10,500,000	\$2,700,000
1950	\$13,500,000	\$10,700,000	\$2,800,000
1951	\$13,800,000	\$10,900,000	\$2,900,000
1952	\$14,000,000	\$11,100,000	\$2,900,000
1953	\$14,200,000	\$11,300,000	\$2,900,000
1954	\$14,500,000	\$11,500,000	\$3,000,000
1955	\$14,800,000	\$11,700,000	\$3,100,000
1956	\$15,000,000	\$11,900,000	\$3,100,000
1957	\$15,200,000	\$12,100,000	\$3,100,000
1958	\$15,500,000	\$12,300,000	\$3,200,000
1959	\$15,800,000	\$12,500,000	\$3,300,000
1960	\$16,000,000	\$12,700,000	\$3,300,000
1961	\$16,200,000	\$12,900,000	\$3,300,000
1962	\$16,500,000	\$13,100,000	\$3,400,000
1963	\$16,800,000	\$13,300,000	\$3,500,000
1964	\$17,000,000	\$13,500,000	\$3,500,000
1965	\$17,200,000	\$13,700,000	\$3,500,000
1966	\$17,500,000	\$13,900,000	\$3,600,000
1967	\$17,800,000	\$14,100,000	\$3,700,000
1968	\$18,000,000	\$14,300,000	\$3,700,000
1969	\$18,200,000	\$14,500,000	\$3,700,000
1970	\$18,500,000	\$14,700,000	\$3,800,000
1971	\$18,800,000	\$14,900,000	\$3,900,000
1972	\$19,000,000	\$15,100,000	\$3,900,000
1973	\$19,200,000	\$15,300,000	\$3,900,000
1974	\$19,500,000	\$15,500,000	\$4,000,000
1975	\$19,800,000	\$15,700,000	\$4,100,000
1976	\$20,000,000	\$15,900,000	\$4,100,000
1977	\$20,200,000	\$16,100,000	\$4,100,000
1978	\$20,500,000	\$16,300,000	\$4,200,000
1979	\$20,800,000	\$16,500,000	\$4,300,000
1980	\$21,000,000	\$16,700,000	\$4,300,000
1981	\$21,200,000	\$16,900,000	\$4,300,000
1982	\$21,500,000	\$17,100,000	\$4,400,000
1983	\$21,800,000	\$17,300,000	\$4,500,000
1984	\$22,000,000	\$17,500,000	\$4,500,000
1985	\$22,200,000	\$17,700,000	\$4,500,000
1986	\$22,500,000	\$17,900,000	\$4,600,000
1987	\$22,800,000	\$18,100,000	\$4,700,000
1988	\$23,000,000	\$18,300,000	\$4,700,000
1989	\$23,200,000	\$18,500,000	\$4,700,000
1990	\$23,500,000	\$18,700,000	\$4,800,000
1991	\$23,800,000	\$18,900,000	\$4,900,000
1992	\$24,000,000	\$19,100,000	\$4,900,000
1993	\$24,200,000	\$19,300,000	\$4,900,000
1994	\$24,500,000	\$19,500,000	\$5,000,000
1995	\$24,800,000	\$19,700,000	\$5,100,000
1996	\$25,000,000	\$19,900,000	\$5,100,000
1997	\$25,200,000	\$20,100,000	\$5,100,000
1998	\$25,500,000	\$20,300,000	\$5,200,000
1999	\$25,800,000	\$20,500,000	\$5,300,000
2000	\$26,000,000	\$20,700,000	\$5,300,000
2001	\$26,200,000	\$20,900,000	\$5,300,000
2002	\$26,500,000	\$21,100,000	\$5,400,000
2003	\$26,800,000	\$21,300,000	\$5,500,000
2004	\$27,000,000	\$21,500,000	\$5,500,000
2005	\$27,200,000	\$21,700,000	\$5,500,000
2006	\$27,500,000	\$21,900,000	\$5,600,000
2007	\$27,800,000	\$22,100,000	\$5,700,000
2008	\$28,000,000	\$22,300,000	\$5,700,000
2009	\$28,200,000	\$22,500,000	\$5,700,000
2010	\$28,500,000	\$22,700,000	\$5,800,000
2011	\$28,800,000	\$22,900,000	\$5,900,000
2012	\$29,000,000	\$23,100,000	\$5,900,000
2013	\$29,200,000	\$23,300,000	\$5,900,000
2014	\$29,500,000	\$23,500,000	\$6,000,000
2015	\$29,800,000	\$23,700,000	\$6,100,000
2016	\$30,000,000	\$23,900,000	\$6,100,000
2017	\$30,200,000	\$24,100,000	\$6,100,000
2018	\$30,500,000	\$24,300,000	\$6,200,000
2019	\$30,800,000	\$24,500,000	\$6,300,000
2020	\$31,000,000	\$24,700,000	\$6,300,000
2021	\$31,200,000	\$24,900,000	\$6,300,000
2022	\$31,500,000	\$25,100,000	\$6,400,000
2023	\$31,800,000	\$25,300,000	\$6,500,000
2024	\$32,000,000	\$25,500,000	\$6,500,000
2025	\$32,200,000	\$25,700,000	\$6,500,000
2026	\$32,500,000	\$25,900,000	\$6,600,000
2027	\$32,800,000	\$26,100,000	\$6,700,000
2028	\$33,000,000	\$26,300,000	\$6,700,000
2029	\$33,200,000	\$26,500,000	\$6,700,000
2030	\$33,500,000	\$26,700,000	\$6,800,000
2031	\$33,800,000	\$26,900,000	\$6,900,000
2032	\$34,000,000	\$27,100,000	\$6,900,000
2033	\$34,200,000	\$27,300,000	\$6,900,000
2034	\$34,500,000	\$27,500,000	\$7,000,000
2035	\$34,800,000	\$27,700,000	\$7,100,000
2036	\$35,000,000	\$27,900,000	\$7,100,000
2037	\$35,200,000	\$28,100,000	\$7,100,000
2038	\$35,500,000	\$28,300,000	\$7,200,000
2039	\$35,800,000	\$28,500,000	\$7,300,000
2040	\$36,000,000	\$28,700,000	\$7,300,000
2041	\$36,200,000	\$28,900,000	\$7,300,000
2042	\$36,500,000	\$29,100,000	\$7,400,000
2043	\$36,800,000	\$29,300,000	\$7,500,000
2044	\$37,000,000	\$29,500,000	\$7,500,000
2045	\$37,200,000	\$29,700,000	\$7,500,000
2046	\$37,500,000	\$29,900,000	\$7,600,000
2047	\$37,800,000	\$30,100,000	\$7,700,000
2048	\$38,000,000	\$30,300,000	\$7,700,000
2049	\$38,200,000	\$30,500,000	\$7,700,000
2050	\$38,500,000	\$30,700,000	\$7,800,000
2051	\$38,800,000	\$30,900,000	\$7,900,000
2052	\$39,000,000	\$31,100,000	\$7,900,000
2053	\$39,200,000	\$31,300,000	\$7,900,000
2054	\$39,500,000	\$31,500,000	\$8,000,000
2055	\$39,800,000	\$31,700,000	\$8,100,000
2056	\$40,000,000	\$31,900,000	\$8,100,000
2057	\$40,200,000	\$32,100,000	\$8,100,000
2058	\$40,500,000	\$32,300,000	\$8,200,000
2059	\$40,800,000	\$32,500,000	\$8,300,000
2060	\$41,000,000	\$32,700,000	\$8,300,000
2061	\$41,200,000	\$32,900,000	\$8,300,000
2062	\$41,500,000	\$33,100,000	\$8,400,000
2063	\$41,800,000	\$33,300,000	\$8,500,000
2064	\$42,000,000	\$33,500,000	\$8,500,000
2065	\$42,200,000	\$33,700,000	\$8,500,000
2066	\$42,500,000	\$33,900,000	\$8,600,000
2067	\$42,800,000	\$34,100,000	\$8,700,000
2068	\$43,000,000	\$34,300,000	\$8,700,000
2069	\$43,200,000	\$34,500,000	\$8,700,000
2070	\$43,500,000	\$34,700,000	\$8,800,000
2071	\$43,800,000	\$34,900,000	\$8,900,000
2072	\$44,000,000	\$35,100,000	\$8,900,000
2073	\$44,200,000	\$35,300,000	\$8,900,000
2074	\$44,500,000	\$35,500,000	\$9,000,000
2075	\$44,800,000	\$35,700,000	\$9,100,000
2076	\$45,000,000	\$35,900,000	\$9,100,000
2077	\$45,200,000	\$36,100,000	\$9,100,000
2078	\$45,500,000	\$36,300,000	\$9,200,000
2079	\$45,800,000	\$36,500,000	\$9,300,000
2080	\$46,000,000	\$36,700,000	\$9,300,000
2081	\$46,200,000	\$36,900,000	\$9,300,000
2082	\$46,500,000	\$37,100,000	\$9,400,000
2083	\$46,800,000	\$37,300,000	\$9,500,000
2084	\$47,000,000	\$37,500,000	\$9,500,000
2085	\$47,200,000	\$37,700,000	\$9,500,000
2086	\$47,500,000	\$37,900,000	\$9,600,000
2087	\$47,800,000	\$38,100,000	\$9,700,000
2088	\$48,000,000	\$38,300,000	\$9,700,000
2089	\$48,200,000	\$38,500,000	\$9,700,000
2090	\$48,500,000	\$38,700,000	\$9,800,000
2091	\$48,800,000	\$38,900,000	\$9,900,000
2092	\$49,000,000	\$39,100,000	\$9,900,000
2093	\$49,200,000	\$39,300,000	\$9,900,000
2094	\$49,500,000	\$39,500,000	\$10,000,000
2095	\$49,800,000	\$39,700,000	\$10,100,000
2096	\$50,000,000	\$39,900,000	\$10,100,000
2097	\$50,200,000	\$40,100,000	\$10,100,000
2098	\$50,500,000	\$40,300,000	\$10,200,000
2099	\$50,800,000	\$40,500,000	\$10,300,000
2100	\$51,000,000	\$40,700,000	\$10,300,000



EXPORTS OF COPPER FROM CANADA DURING THE MONTH OF DECEMBER, 1938, and JANUARY, 1939.

	DECEMBER, 1938		JANUARY, 1939	
	Pounds	\$	Pounds	\$
Copper in ore, matte, regulus, etc. ...	8,265,600	661,261	10,097,100	706,797
Copper, blister .....	2,981,600	298,956	2,414,500	241,463
Copper in ingots, bars, cakes, slabs and billets .....	27,324,900	2,927,817	20,326,000	2,070,878
Copper in rods, strips, sheets, plates and tubing .....	4,790,600	530,064	2,609,100	310,974

IMPORTS OF COPPER INTO GREAT BRITAIN DURING THE MONTH OF DECEMBER, 1938, and JANUARY, 1939.

	DECEMBER, 1938		JANUARY, 1939	
	Pounds	£	Pounds	£
Unwrought copper, including rough copper of 94% copper content or over - ELECTROLYTIC -				
From - Northern Rhodesia .....	2,242,240	50,267	2,219,840	50,233
Canada .....	15,066,240	336,298	11,049,920	248,743
Other British countries .....	56,000	1,245	592,000	8,814
United States .....	4,123,840	93,666	1,335,040	30,285
Chile .....	8,014,720	178,390	4,874,240	104,750
TOTAL .....	29,503,040	659,866	19,871,040	442,825
OTHER -				
From - Union of South Africa .....	112,000	2,450	687,630	15,026
Northern Rhodesia .....	6,254,080	127,031	20,272,000	406,619
Other British countries .....	...	...	6,720	129
Chile .....	21,618,240	444,640	7,168,000	148,653
Other Foreign countries .....	268,800	5,682	...	...
TOTAL .....	28,253,120	579,803	28,134,400	570,427
Plates, sheets, discs, circles and strip .....	489,888	13,361	549,136	16,399
Rods and sections, angles and shapes and wire not in coils -				
From - Canada .....	4,347,168	102,654	1,267,168	30,589
Foreign countries .....	20,720	1,116	11,088	384
TOTAL .....	4,367,888	103,770	1,278,256	30,973
Wire in coils (including uninsulated electric wire) .....	133,056	3,865	103,936	2,952
All other manufactures of copper not elsewhere specified .....	740,380	25,476	710,192	25,621

STATE OF NEW YORK  
IN SENATE  
January 10, 1906.

REPORT OF THE  
COMMISSIONERS OF THE LAND OFFICE  
IN RESPONSE TO A RESOLUTION PASSED BY THE SENATE  
JANUARY 10, 1906.

ALBANY:  
J. B. LIPPINCOTT & CO., PRINTERS.  
1906.

THE LAND OFFICE OF THE STATE OF NEW YORK  
HAS THE HONOR TO ACKNOWLEDGE THE RECEIPT OF  
A COPY OF THE REPORT OF THE COMMISSIONERS OF THE  
LAND OFFICE, IN RESPONSE TO A RESOLUTION PASSED BY  
THE SENATE, JANUARY 10, 1906.

THE REPORT OF THE COMMISSIONERS OF THE LAND OFFICE  
IS HEREBY RECORDED FOR THE INFORMATION OF THE SENATE.  
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NICKEL - Nickel production in Canada during January amounted to 14,611,017 pounds; in December, 16,618,010 pounds were produced while in January, 1938, the output was 20,270,680 pounds.

PRODUCTION OF NICKEL IN CANADA

Month	1939(a)	1938(a)	1937
	Pounds	Pounds	Pounds
January .....	14,611,017	20,270,680	16,176,933
February .....		16,008,523	17,407,519
March .....		17,293,398	18,197,518
April .....		20,469,463	20,271,203
May .....		18,620,908	18,466,323
June .....		16,327,169	20,964,202
July .....		17,404,131	15,795,714
August .....		16,548,872	20,666,636
September .....		16,914,931	19,026,072
October .....		16,101,779	18,495,529
November .....		17,681,983	19,737,320
December .....		16,618,010	19,700,077
TOTAL - CALENDAR YEAR .....		210,264,847	224,905,046

(a) Subject to revision.

IMPORTS INTO GREAT BRITAIN DURING THE MONTH OF DECEMBER, 1938, and JANUARY, 1939.

	DECEMBER, 1938		JANUARY, 1939	
	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	8,144,640	298,800
Other British countries .....	13,440	60	...	...
TOTAL .....	6,016,640	223,160	8,144,640	298,800

Nickel -

Unwrought in ingots, cathodes, cubes, rondels, pellets, shot, grain and powder; and nickel flakes -				
From - Canada .....	1,076,208	85,758	2,017,008	162,090
Norway .....	142,464	11,637	248,752	19,410
Other Foreign countries .....	241,360	20,521	37,520	3,093
TOTAL .....	1,460,032	117,916	2,303,280	184,593
Other descriptions of nickel and nickel alloys .....	96,768	11,854	630,560	52,384





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