

The following table gives the exports of copper since Confederation.

Year ended June 30.	COPPER FINE.		COPPER ORE.		Year ended June 30.	COPPER FINE.		COPPER ORE.	
	Quantity.	Value.	Quantity.	Value.		Quantity.	Value.	Quantity.	Value.
	Tons.	\$	Tons.	\$		Tons.	\$	Tons.	\$
1868.....	135	17,922	5,440	376,298	1886.....	.....	.....	5,224	291,397
1869.....	395	34,110	9,513	482,520	1887.....	.....	.....	5,267	181,545
1870.....	225	21,062	5,227	250,159	1888.....	509	50,900	1,509	95,585
1871.....	.....	.....	3,123	120,121	1889.....	76	7,602	1,267½	195,182
1872.....	.....	.....	4,461	103,990	1890.....	1,138	133,251	1,406	111,086
1873.....	.....	.....	2,538	166,525	1891.....	2,418	236,027	3,079	269,169
1874.....	.....	.....	3,148	135,077	1892.....	1,899	185,848	340	30,755
1875.....	145	39,314	2,300	103,697	1893.....	3,589	391,969	70	3,850
1876.....	.....	.....	2,230	352,035	1894.....	597	88,352	*	*
1877.....	.....	.....	1,313	264,442	1895.....	1,722	222,657	*	*
1878.....	.....	.....	654	119,629	1896.....	1,788	194,771	*	*
1879.....	.....	.....	98	19,762	1897.....	5,065	550,462	*	*
1880.....	.....	.....	5,883	150,799	1898.....	6,963	864,778	*	*
1881.....	.....	.....	19,802	150,412	1899.....	4,235	922,979	*	*
1882.....	.....	.....	44,744	139,245	1900.....	6,914	1,387,388	*	*
1883.....	.....	.....	4,402	150,479	1901.....	13,173	2,659,651	*	*
1884.....	.....	.....	1,677	214,044	1902.....	15,195	2,990,362	*	*
1885.....	.....	.....	1,257	246,230	1903.....	14,816	2,907,705	*	*

* Included in copper, fine.

In 1903 the quantity of copper exported to the United States, was 13,917 tons, valued at \$2,734,589.

NICKEL.

In 1883 the first discovery of a deposit of nickeliferous pyrrhotite was made while the Canadian Pacific Railway Company was making a cutting through a small hill near Sudbury, in the District of Algoma, Ontario. The ore, which contains on the average about 2.25 per cent of nickel, is roasted and smelted into a copper-nickel matte, the usual composition of which, from average analysis, is about as follows:—Copper, 26.91; nickel, 14.14; iron, 31.335; sulphur, 26.95; and cobalt, .935. The matte is also said to contain some ounces of platinum to the ton. The amount of fine nickel in the matte produced at the Sudbury mines in 1889–1903 is given below.

ANNUAL PRODUCTION OF NICKEL IN MATTE.

Calendar Year.	Lbs.	Calendar Year.	Lbs.
1889.....	830,477	1897.....	3,997,647
1890.....	1,435,742	1898.....	5,517,690
1891.....	4,626,627	1899.....	5,744,000
1892.....	2,413,717	1900.....	7,080,227
1893.....	3,982,982	1901.....	9,189,047
1894.....	4,907,430	1902.....	10,693,410
1895.....	3,888,525	1903*.....	12,505,510
1896.....	3,397,113		

* Subject to revision.