

also manufactured other ferro products, including ferro-silicon and ferro-chrome.

The Electro Metals, Limited, at Welland, Ont., was chiefly engaged in the production of ferro-silicon. This firm has also made ferro-titanium in small quantities, as well as carried out experimental work in the production of pig iron in electric furnaces.

The Algoma Steel Corporation operated their electric furnace at Sault Ste. Marie for a very short period only during the year.

The total production in electric furnace plants during 1912 was 7,834 short tons of ferro products, valued at \$465,225. In 1911 the production was 7,597 short tons, valued at \$376,404.

The imports of ferro-silicon, ferro-manganese, etc., during the calendar year 1912, were 19,810 tons valued at \$469,884, or an average of \$23.72 per ton. The imports for the calendar year 1911 were 17,226 tons, valued at \$429,465, or an average of \$24.93 per ton; and in 1910, 18,900 tons, valued at \$464,741, or an average of \$24.59 per ton. The imports since 1887 are shown in Table 15, the figures of the table being for fiscal years.

IRON.—TABLE 15.

Imports of Ferro-Manganese, Ferro-Silicon, Etc.

Fiscal Year.	Tons.	Value.	Average value.	Fiscal Year.	Tons.	Value.	Average value.
		\$	\$ cts.			\$	\$ cts.
*1887	123	1,435	11 67	†1900	1,149	39,064	34 00
*1888	1,883	29,812	15 83	†1901	1,512	38,954	25 76
*1889	5,868	72,108	12 29	†1902	6,513	159,977	23 18
*1890	696	18,895	27 15	†1903	6,350	162,710	25 62
*1891	2,707	40,711	15 04	†1904	2,975	75,554	25 40
*1892	1,311	23,930	18 25	†1905	12,935	246,815	19 08
*1893	529	15,858	29 98	†1906	15,023	462,739	29 80
*1894	284	9,885	34 81	†1907 (9 mos.)	16,414	610,875	37 22
†1895	164	5,408	32 98	†1908	17,417	612,062	35 14
†1896	652	12,811	19 65	†1909	13,053	388,024	29 73
†1897	426	9,233	21 67	†1910	14,952	332,486	22 24
†1898	1,418	22,516	15 88	†1911	18,796	461,331	24 54
†1899	1,160	22,539	19 43	†1912	18,274	443,770	24 28

*These amounts include: ferro-manganese, ferro-silicon, spiegel, steel bloom ends and crop ends of steel rails, for the manufacture of iron and steel.

†Ferro-silicon, spiegelisen, and ferro-manganese.

STEEL.

The production of steel ingots and castings in 1912 was 957,681 tons, as compared with 882,396 tons in 1911, and 822,284 tons in 1910. In 1912 the production of open-hearth ingots was reported as 692,236 tons; Bessemer ingots, 231,044 tons; direct open-hearth castings, 31,845 tons; and other steels, 2,556 tons. The total increase in production over 1911 was 75,285 tons, or a little over 8.5 per cent.