

ese, and 74,872 tons of iron ore, while 252,045 tons of limestone or dolomite were used, and 13,520 tons of fluorspar. In Ontario about 823 million cu. ft., of natural gas were used, while in Nova Scotia coke oven gas was used at Sydney, of which a record of quantity was not obtained.

A record of materials used in steel furnaces covering the past six years is shown in the following table:—

Pig-Iron, Scrap Iron, and Other Materials Charged to Steel Furnaces.

(IN SHORT TONS.)

Year.	Pig-Iron.	Ferro-alloys.	Scrap iron.	Iron ore.	Manganese ore.	Fluorspar.	Limestone and dolomite.
1910.....	690,913	8,143	211,453	39,332	1,317	7,461	144,110
1911.....	700,769	21,359	278,797	42,892	829	8,067	170,270
1912.....	735,559	24,237	336,265	43,006	985	9,709	148,045
1913.....	913,722	29,408	406,403	55,018	1,342	10,687	197,028
1914.....	619,030	20,252	286,863	37,686	723	7,845	114,859
1915.....	748,114	13,941	413,266	74,872	908	13,520	232,045

It will be noted that there is a large consumption of scrap iron and steel in the manufacture of steel ingots and castings. Trade records show a considerable import and export of these materials as illustrated in the accompanying tables.

The exports of scrap iron and steel in 1915, are reported as 89,358 tons, valued at \$883,134, or an average of \$9.88 per ton, as against exports in 1914 of 35,405 tons, valued at \$446,337, or an average of \$12.60 per ton. The exports in 1915 were the largest that have been recorded, and the annual exports during the past sixteen years have averaged about 20,000 tons.

The total imports of scrap iron and steel in 1915 were 11,477 tons, valued at \$127,614, or an average of \$11.12 per ton, as against imports in 1914 of 27,688 tons, valued at \$337,406, or an average of \$12.19 per ton, and imports in 1913 of 104,747 tons, valued at \$1,488,255, or an average of \$14.21 per ton. The imports during 1913 were the largest recorded, and the average annual imports during the past seventeen years have been about 45,000 tons.

Annual Exports of Scrap Iron and Steel.

Calendar Year.	Short tons.	Value.	Value per ton.	Calendar Year.	Short tons.	Value.	Value per ton.
1900.....	12,548	\$257,868	\$20.55	1908.....	4,628	\$73,807	\$15.95
1901.....	9,718	168,438	17.33	1909.....	20,325	305,236	14.87
1902.....	6,691	135,463	20.25	1910.....	11,663	171,603	14.71
1903.....	6,363	88,839	13.94	1911.....	4,208	54,618	12.99
1904.....	7,839	76,125	9.69	1912.....	16,632	145,290	8.73
1905.....	24,109	240,105	9.96	1913.....	45,556	483,813	10.62
1906.....	12,947	235,913	18.22	1914.....	35,405	446,337	12.60
1907.....	11,461	185,430	16.18	1915.....	89,358	883,134	9.88