

International Molybdenum Co., Ltd., Grillin, Ont.: Two small electric furnaces producing ferro-molybdenum in 1917 and for a few months only in 1918.

Algoma Steel Corporation, Sault Ste. Marie, Ont.: Producing spiegeleisen in blast furnace.

The following firms were also recovering low grade ferro-silicon as a by-product in the manufacture of artificial abrasives in electric furnaces from bauxite:—

- D. A. Brebner, Ltd., Hamilton, Ont.
- National Abrasive Co., Niagara Falls, Ont.
- The Exolon Company, Thorold, Ont.
- The Norton Company, Chippewa, Ont.
- The Canadian Aloxite Co., Niagara Falls, Ont.

Exports and Imports of Pig-Iron.

The exports of pig-iron during 1918 were reported as 2,130 tons valued at \$169,495, or an average of \$79.58 per ton as against exports during 1917 of 12,081 tons valued at \$423,814, or an average of \$35.08 per ton. The exports of ferro-alloys during 1918 were 23,781 tons valued at \$2,671,434, or an average of \$112.33 per ton as compared with exports during 1917 of 33,212 tons valued at \$2,616,924, or an average of \$78.79 per ton. The pig-iron exported during 1918 mainly comprised electric furnace production of low phosphorus iron.

The exports between 1905 and 1913 did not exceed 10,000 tons in any one year, and consisted largely, if not entirely, of ferro-alloys. During 1914, however, there was a small export of pig-iron, chiefly from Sydney to Philadelphia. The exports during the first three months of the year were 4,431 tons, which probably included about 4,000 tons of pig-iron. From the first of April the exports were separately classified and during the last nine months of the year included 9,767 tons of pig-iron valued at \$118,111, or an average of \$12.09 per ton, and 4,865 tons of ferro-alloys valued at \$285,221, or an average of \$58.63 per ton.

Annual Exports of Pig-Iron and Ferro-alloys, 1915-18.

Calendar Year.	Pig-iron.			Ferro-alloys.		
	Short tons.	Value.	Average value.	Short tons.	Value.	Average value.
1915.....	17,307	\$ 231,551	\$ 13.38	9,238	\$ 537,081	\$ 58.14
1916.....	23,304	374,393	16.07	22,802	1,352,013	59.29
1917.....	12,081	423,814	35.08	33,212	2,616,924	78.79
1918.....	2,130	169,495	79.58	23,781	2,671,434	112.33

The imports of pig-iron during 1918 as shown by the Canadian Customs records, were 67,396 tons valued at \$2,102,406, or an average of \$31.19 per ton, and the imports of ferro-alloys were 35,284 tons valued at \$4,283,133 or an average of \$121.39 per ton, making a total of 102,680 tons valued at \$6,385,539.

Of the total imports of pig-iron in 1918, 67,385 tons valued at \$2,101,798 were derived from the United States, and of the total imports of ferro-alloys 25,168 tons valued at \$2,315,046 originated in the United States. The total imports of pig iron and ferro-alloys from the United States were thus 92,553 tons valued at \$4,416,844.

As against this record the United States Department of Commerce shows exports to Canada during the same period of pig-iron and ferro-alloys amounting to 122,325 gross tons (137,004 short tons) valued at \$5,661,228, a quantity considerably higher than the Canadian record.