

*Ingots - In the rolling of blooms
Blooms mass of scrap iron from Kildg Furnace
Billets mass of metal (rolled).*

Rolling Mill Production.—Statistics of the production of rolled iron and steel products have been received from all firms operating rolling mills in Canada. The principal rolled products are, in addition to blooms and billets, steel rails, wire rods, bars and rods, and a small tonnage of plates. There is practically no production of structural steel. Other products manufactured at these plants include forgings, angle splice bars, rail fastenings, nails and spikes, wire and wire fencing, and many other classes of finished products of which a detailed record is not obtained.

The quantity of steel used by rolling mills in 1916 included 1,360,797 tons of ingots produced by firms reporting, 83,090 tons of ingots, blooms and billets purchased, and 130,734 tons of scrap iron and steel. In 1915 the quantities of steel used included 1,033,682 tons of ingots produced by firms reporting, 21,975 tons of ingots, blooms and billets purchased, and 57,051 tons of scrap iron and steel. The production in 1916 included: steel rails, 90,123 tons; wire rods 179,226 tons; bars and plates 619,500 tons; forged products, etc., 152,668 tons. The production in 1915 included: steel rails, 232,411 tons; wire rods 124,381 tons; bars and plates 294,595 tons; forged products, etc., 34,358 tons. In addition to the above there was also a small production of billets for export.

The annual production of rolling mills in so far as returns have been furnished to this Department, are as follows:—

Annual Production of Rolling Mills.

(IN SHORT TONS.)

Year.	Steel rails.	Wire rods.	Bars and plates.	Other products*.
1908.....	300,935	41,420		
1909.....	377,642	81,762		
1910.....	399,762	88,456	128,940	28,354
1911.....	399,760	85,811	202,023	62,676
1912.....	471,422	68,174	267,797	36,441
1913.....	554,481	57,389	269,096	51,654
1914.....	428,226	63,856	143,754	42,070
1915.....	232,411	124,381	294,595	34,358
1916.....	90,123	179,226	619,500	152,668

*Includes forged products, angle splice bars, and rail fastenings.

The record of production of finished rolled iron and steel in Canada, collected and published by the American Iron and Steel Institute and the American Iron and Steel Association, which covers a longer period of time and is possibly more complete than that given above, is shown in the following tables quoted from the annual Statistical Report of the American Iron and Steel Institute for 1915 and special Statistical Bulletin No. 4, 1917.