

Annual Production of Steel Ingots and Castings.

(In short tons.)

Year.	Steel Ingots.				Steel Castings.			Total Ingots and Castings.
	Open- hearth.	Bessemer.	Electric and other steels.	Total Ingots.	Open- hearth.	Electric and other steels.	Total Castings.	
1894.....								28,767
1895.....								19,040
1896.....								17,920
1897.....								20,608
1898.....								24,125
1899.....								24,640
1900.....								26,406
1901.....								29,214
1902.....				197,959			5,922	203,881
1903.....				198,249			5,047	203,296
1904.....				159,352			7,286	166,638
1905.....				441,342			10,521	451,863
1906.....				622,623			16,773	639,396
1907.....	459,240	225,989		685,229	20,602	1,151	21,753	706,982
1908.....	443,442	135,557		578,999	9,051	713	9,764	588,763
1909.....	535,988	203,715		739,703	14,013	1,003	15,016	754,719
1910.....	580,932	222,668		803,600	18,085	599	18,684	822,284
1911.....	651,676	209,817		861,493	20,163	740	20,903	882,396
1912.....	692,236	231,044		923,280	31,845	2,556	34,401	957,681
1913.....	824,818	301,932		1,126,750	39,217	3,026	42,243	1,168,993
1914.....	908,383	203,184		1,111,567	15,315	1,759	17,074	1,128,641
1915.....	962,411	19,448	7,970	989,829	28,384	2,683	31,067	1,020,896
1916.....	1,377,387	1,416	18,900	1,397,703	23,496	7,050	30,546	1,428,249
1917.....	1,642,085		49,206	1,691,291	43,630	10,813	54,443	1,745,734
1918.....	1,684,317		115,854	1,800,171	62,017	11,520	73,537	1,873,708

MATERIALS CHARGED TO STEEL FURNACES:—The total quantity of pig-iron used in steel furnaces during 1918 was 897,537 tons of which 818,394 tons were produced by the firms reporting and 79,143 tons purchased. The quantity of ferro-alloys used was 44,697 tons, which included 8,720 tons of ferro-silicon and 35,977 tons of ferro-manganese and spiegeleisen. The total quantity of scrap iron and steel used was 1,068,434 tons of which 515,302 tons originated with the firms reporting and 553,132 tons were reported as purchased.

Ores used included 59 tons of manganese ore and 48,599 tons of iron ore, while 243,383 tons of limestone and dolomite were used and 17,307 tons of fluorspar.

In 1917 the quantity of pig-iron used, 1,112,082 tons included 993,805 tons produced by the firms reporting and 118,277 tons purchased. The scrap iron and steel used, 1,022,456 tons, included 527,400 tons originating with the firms reporting and 495,056 tons reported as purchased.

A record of materials used in steel furnaces covering the past nine 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 and Steel.	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	130,270
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	252,045
1916.....	949,444	25,940	469,162	55,059	1,578	13,213	224,772
1917.....	1,112,082	34,779	1,022,456	39,793	2,726	17,084	231,563
1918.....	897,537	44,697	1,068,434	48,599	59	17,307	243,383