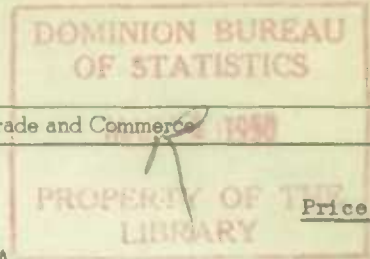




DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
OTTAWA



Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce 1949

MC28

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PRIMARY IRON AND STEEL IN CANADA

DECEMBER - 1949

Pig Iron - Production of pig iron in Canada amounted to 172,002 net tons in December compared with 174,233 tons in the corresponding month of last year. The total for the current month included 134,097 tons of basic iron, 21,168 tons of foundry iron and 16,737 tons of malleable iron.

Ferro-alloys - Output of ferro-alloys in December amounted to 11,853 net tons compared with 14,758 tons in the previous month and with 23,708 tons in December of a year ago. The following alloys were produced: ferrosilicon, silicomanganese, ferro-manganese, ferrochrome, chrom-x and ferrophosphorus.

Steel Ingots and Castings - Production of steel ingots and steel castings during December totalled 263,949 net tons compared with 280,425 tons in December of last year. Output in the month under review included 257,883 tons of ingots and 6,066 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During November, 1949 and December, 1949.

	November			December		
	For own use	For sale	Total	For own use	For sale	Total
	(Net tons of 2,000 pounds)					
<u>Pig iron</u> -						
Basic	128,884	1,967	130,851	129,956	4,141	134,097
Foundry	1,400	19,550	20,950	235	20,933	21,168
Malleable .....	...	5,526	5,526	...	16,737	16,737
Total Pig Iron	130,284	27,043	157,327	130,191	41,811	172,002
<u>Ferro-alloys</u> - .....	...	14,758	14,758	...	11,853	11,853

Table 2 - Cumulative Production for the Twelve Months Ended December, 1948 and 1949

	1948			1949		
	For own use	For sale	Total	For own use	For sale	Total
	(Net tons of 2,000 pounds)					
<u>Pig iron</u> -						
Basic	1,659,711	80,176	1,739,887	1,725,392	64,831	1,790,223
Foundry	23,696	194,247	217,943	7,525	207,971	215,496
Malleable .....	...	163,079	163,079	...	148,633	148,633
Total Pig Iron	1,683,407	437,502	2,120,909	1,732,917	421,435	2,154,352
<u>Ferro-alloys</u> .....	...	250,659	250,659	...	211,603	211,603

Note: Prepared in the Mining, Metallurgical and Chemical Section.

Primary Iron and Steel

Table 3 - Iron Blast Furnace Charges During November and December, 1949 and Twelve Months Ended December, 1949

	November	December	Twelve Months Ended
	1949	1949	December, 1949
	(Net tons of 2,000 pounds)		
Iron ore	274,457	300,931	3,808,073
Mill cinder, scale, sinter, etc. ..	40,954	40,381	476,700
Limestone	61,285	63,393	830,916
Dolomite	10,296	13,112	122,012
Coke	152,450	163,576	2,025,407
Scrap iron and steel	7,908	7,964	101,859

Table 4 - Iron Blast Furnaces in Canada

Name of Company	Location of Furnaces	Number of stacks	Total Annual Capacity (Net tons)
Dominion Steel and Coal Corp. Ltd.	Sydney, Nova Scotia	4	730,000
Canadian Furnace Limited	Port Colborne, Ontario	2	223,000
The Steel Company of Canada, Ltd.	Hamilton, Ontario	3	757,000
The Algoma Steel Corporation	Sault Ste. Marie, Ontario	5	1,035,000
	Total	14	2,745,000

Table 5 - Description of Iron Blast Furnaces at End of December, 1949

Condition of Furnaces	Number of furnaces	Total Annual Capacity	
		Net tons	per cent
In blast	11	2,434,950	88.7
Banked .....	...	...	...
Blown out	3	310,050	11.3
Total	14	2,745,000	100.0

(b) Steel Ingots and Steel Castings

Table 6 - Production During November and December, 1949

	November			December		
	For own use	For sale	Total	For own use	For sale	Total
	(Net tons of 2,000 pounds)					
<u>Steel Ingots</u>						
Open hearth - Basic	207,432	7,780	215,212	207,521	10,933	218,454
Electric	34,415	3,586	38,001	30,808	8,621	39,429
Total Steel Ingots	241,847	11,366	253,213	238,329	19,554	257,883
Alloy steel ingots included in above	14,530	...	14,530	7,590	...	7,590
<u>Steel Castings</u>						
Open hearth - Basic	183	1,885	2,068	154	1,811	1,965
Converter	1	...	1	1	...	1
Electric	1,087	3,353	4,440	1,027	3,073	4,100
Total Steel Castings	1,271	5,238	6,509	1,182	4,884	6,066
Alloy steel castings included in above	503	705	1,208	479	685	1,164
TOTAL INGOTS AND CASTINGS	243,118	16,604	259,722	239,511	24,438	263,949

Table 7 - Cumulative Production for the Twelve Months Ended December, 1948 and 1949

	1 9 4 8			1 9 4 9		
	For own use	For sale	Total	For own use	For sale	Total
	(Net tons of 2,000 pounds)					
<u>Steel Ingots</u>						
Open hearth - Basic	2,554,636	68,406	2,623,042	2,574,462	118,025	2,692,487
Electric	464,759	1,226	465,985	378,959	17,922	396,881
Total Steel Ingots	3,019,395	69,632	3,089,027	2,953,421	135,947	3,089,368
Alloy steel ingots included in above	155,039	...	155,039	143,977	...	143,977
<u>Steel Castings</u>						
Open hearth - Basic	2,155	32,488	34,643	2,184	27,670	29,854
Converter	44	358	402	24	57	81
Electric	12,873	64,711	77,584	13,688	53,939	67,627
Total Steel Castings	15,072	97,557	112,629	15,896	81,666	97,562
Alloy steel castings included in above	6,317	10,956	17,273	5,762	10,367	16,129
TOTAL INGOTS AND CASTINGS	3,034,467	167,189	3,201,656	2,969,317	217,613	3,186,930

Table 8 - Pig Iron and Scrap Charged to Steel Furnaces During November and December, 1949 and Twelve Months Ended December, 1949

	November 1949	December 1949	Twelve Months Ended December, 1949
		(Net tons of 2,000 pounds)	
Pig iron	136,896	136,690	1,740,882
Scrap - Own make	84,827	82,433	959,563
Purchased	64,760	71,522	819,689

Table 9 - Steel Furnace Capacity at End of December, 1949.

	Annual Capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	3,024,000
Electric	676,000
Total Ingots	3,700,000
Steel castings	300,000
Total Ingots and Castings	4,000,000

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1948 and 1949

Month	Pig Iron	Ferro-alloys	S t e e l		Total Steel
			Ingots	Castings	
(Net tons of 2,000 pounds)					
<u>1 9 4 8</u>					
January	160,042	17,125	247,768	8,958	256,726
February	151,123	11,823	230,183	9,463	239,646
March	172,675	14,293	275,349	10,677	286,026
April	170,785	14,474	254,315	9,951	264,266
May	193,305	18,456	279,688	9,879	289,567
June	183,763	13,502	249,710	9,655	259,365
July	187,940	12,939	238,104	6,768	244,872
August	191,383	12,700	254,362	8,692	263,054
September	182,465	12,318	248,622	9,243	257,865
October	186,424	19,489	272,127	9,739	281,866
November	166,771	17,594	267,671	10,307	277,978
December	174,233	23,708	271,128	9,297	280,425
Total	2,120,909	250,659	3,089,027	112,629	3,201,656
<u>1 9 4 9</u>					
January	183,074	21,931	275,987	8,720	284,707
February	172,724	21,713	249,009	10,262	259,271
March	202,130	22,457	287,885	10,576	298,461
April	180,740	24,427	260,319	9,649	269,968
May	202,148	20,652	283,808	9,371	293,179
June	194,255	19,264	261,476	8,979	270,455
July	175,381	14,280	232,499	6,331	238,830
August	180,115	12,562	241,442	7,307	248,749
September	168,436	12,250	232,882	7,866	240,748
October	166,020	15,456	252,965	5,926	258,891
November	157,327	14,758	253,213	6,509	259,722
December	172,002	11,853	257,883	6,066	263,949
Total	2,154,352	211,603	3,089,368	97,562	3,186,930

Primary Steel Shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 234,284 net tons in December, 1949 compared with 239,797 tons in November. The December shipments included 6,997 tons of semi-finished shapes; 11,718 tons of structurals; 12,220 tons of plates; 30,979 tons of rails; 6,180 tons of tie plates and track material; 45,593 tons of hot rolled bars; 16,964 tons of pipes and tubes; 25,194 tons of wire rods; 21,808 tons of black sheets; 7,272 tons of galvanized sheets; 6,778 tons of castings; and 13,083 tons of other rolled products. The amount of producers' interchange was 62,014 tons in December as against 72,690 tons in November.

Of the amounts shipped for sale during December, 32,763 tons went direct to railways and railway car shops; 15,765 tons went to pressing, forming and stamping plants; 30,438 tons to merchant trade products; 26,435 tons to building construction; 14,900 tons to the containers industry; 14,020 tons to agricultural equipment; 13,685 tons to the automotive industry; 9,103 tons to machinery plants; 1,722 tons to shipbuilding; 14,310 tons to mining, lumbering, etc., and 1,536 tons to miscellaneous industries; wholesalers and warehousing accounted for 33,708 tons, and exports for 26,389 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 62,014 tons in December, 1949.

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, December, 1949

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon Steel</u>			
Billets, etc., for forging	13,273	12,076	775
Other semi-finished shapes, not for re-rolling by makers	37,691	6,997	23,546
Structural shapes and piling	16,184	11,718	...
Plates	13,074	12,062	...
Rails	30,621	30,979	...
Tie plates and track material - Splice bars ...	...	24	...
Tie plates	5,712	5,723	...
Spikes	683	433	...
Concrete reinforcing bars	5,043	5,201	...
Hot rolled bars for cold finishing	1,051	...	1,090
Other hot rolled bars	43,572	39,391	6,671
Pipes and tubes	15,868	16,964	...
Wire rods	23,067	25,179	205
Hot rolled black sheets	12,698	9,297	4,851
Cold reduced black sheets	13,462	12,511	1,232
Galvanized sheets	7,551	7,272	261
Steel castings	5,301	5,502	...
Miscellaneous hot rolled products	33,155	7,646	22,312
All other products	18,908	16,605	...
Total - Carbon Steel	296,914	225,580	60,943
<u>Alloy Steel</u>			
Billets, etc., for forging	467	473	...
Other semi-finished shapes, not for re-rolling by makers	937	...	937
Structural shapes and piling .....	...	...	...
Plates	142	158	...
Rails .....	...	...	...
Tie plates and track material - Splice bars ...	...	...	...
Tie plates ....	...	...	...
Spikes .....	...	...	...
Concrete reinforcing bars .....	...	...	...
Hot rolled bars for cold finishing .....	...	...	...
Other hot rolled bars	5,336	6,202	134
Pipes and tubes .....	...	...	...
Wire rods	28	15	...
Hot rolled black sheets .....	...	...	...
Cold reduced black sheets .....	...	...	...
Galvanized sheets .....	...	...	...
Steel castings	1,284	1,276	...
Miscellaneous hot rolled products	204	236	...
All other products	324	344	...
Total - Alloy Steel	8,722	8,704	1,071

Note: Figures shown under "Producers' Interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Primary Iron and Steel

Table 12 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Year, 1949

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon Steel</u>			
Billets, etc., for forging	93,301	67,690	25,974
Other semi-finished shapes, not for re-rolling by makers	495,214	49,432	449,707
Structural shapes and piling	180,259	169,567	...
Plates	180,070	179,664	73
Rails	329,749	339,204	...
Tie plates and track material -			
Splice bars	14,486	14,495	...
Tie plates	48,528	48,237	...
Spikes	10,446	9,937	...
Concrete reinforcing bars	87,393	86,581	...
Hot rolled bars for cold finishing	11,372	23	11,242
Other hot rolled bars	517,342	447,450	76,295
Pipes and tubes	206,283	202,383	...
Wire rods	292,919	290,503	4,148
Hot rolled black sheets	222,800	158,446	69,451
Cold reduced black sheets	122,976	99,882	18,854
Galvanized sheets	97,478	97,370	348
Steel castings	80,312	78,336	...
Miscellaneous hot rolled products	341,207	48,594	290,865
All other products	224,372	217,090	1
Total - Carbon Steel	3,556,507	2,604,884	946,958
<u>Alloy Steel</u>			
Billets, etc., for forging	8,552	8,398	...
Other semi-finished shapes, not for re-rolling by makers	6,311	...	6,311
Structural shapes and piling .....	...	...	...
Plates	1,048	1,033	...
Hot rolled bars for cold finishing .....	...	...	...
Other hot rolled bars	70,368	70,953	376
Pipes and tubes .....	...	...	...
Wire rods	857	826	...
Steel castings	17,013	16,378	...
Miscellaneous hot rolled products	2,540	2,652	...
All other products	3,046	3,067	3
Total - Alloy Steel	109,735	103,307	6,690

Table 13 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, December and Year to Date, 1949

	D e c e m b e r		Y e a r t o d a t e	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	8,366	5,319	88,104	62,145
Agricultural, including farm machinery .	13,987	33	120,511	684
Building construction	26,405	30	362,029	756
Containers industry	14,899	1	205,459	30
Machinery and tools	8,678	425	110,842	5,473
Merchant trade products	30,220	218	349,111	2,074
Mining, lumbering, etc.	11,753	557	83,069	6,835
National defence	442	6	1,978	27
Pressing, forming and stamping	15,684	81	145,206	769
Public works and utilities	1,043	19	18,800	530
Railway operating	29,269	233	375,941	2,236
Railway cars and locomotives	3,237	24	154,429	1,852

Primary Iron and Steel

Table 13 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, December and Year to Date, 1949 (concluded)

	D e c e m b e r		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Shipbuilding	1,704	18	19,729	482
Miscellaneous and unclassified	1,444	92	13,335	1,438
Wholesalers and warehouses	33,551	157	351,589	3,295
Direct export (a) to British Empire ...	13,356	41	90,055	3,971
(b) to other countries ..	11,542	1,450	114,697	10,710
Total Shipped for Sale	225,580	8,704	2,604,884	103,307
Producers' interchange	60,943	1,071	946,958	6,690

Table 14 - Imports of Primary Forms of Iron and Steel, December, 1949 and Year to Date

Commodity	Country of origin	D e c e m b e r			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Pig Iron -							
Basic	United States	...	...	...	8,026	...	...
	Belgium	...	...	...	568	...	...
Foundry	United States	...	...	...	4,068	...	...
	United Kingdom	...	...	...	112	...	...
Malleable	United States	56	...	...	4,702	...	...
Silvery	United States	...	...	...	1,579	...	...
Charcoal	United States	...	...	...	117	...	...
Special	Germany	...	...	...	56	...	...
Ingots	United States	40	...	...	31,346	124	...
Billets, blooms, slabs and sheet bars	United States	10	...	...	2,029	39	...
	United Kingdom	...	...	...	...	26	...
Tube rounds and tube billets	United States	...	...	...	4,054	...	...
Bars and Sections -							
Hot rolled, n.o.p.	United States	2,539	93	1.0	49,266	3,480	58.2
	United Kingdom	41	...	7.1	897	1	65.8
	Belgium	...	...	...	6,843	...	...
	Sweden	...	...	...	9	...	...
Hot rolled -							
For agricultural implements	United States	355	7	...	15,869	2,923	...
Rounds over 4 $\frac{7}{8}$ " , squares over 4"	United States	158	1	...	1,344	187	.8
	United Kingdom	9	...	.9	98	...	1.5
	Belgium	...	...	...	4	...	...
Angles, channels, etc.	United States	201	...	1.5	7,698	4	26.8
	Germany	...	...	...	1	...	1.1
	Belgium	...	...	...	2,429	...	...
	United Kingdom	...	...	...	621	...	...
Structurals (bar sizes) for agri- cultural implements	United States	371	1	...	8,782	1,169	...
Sash or casement sections	United States	50	...	...	1,866	...	...
	United Kingdom	...	...	...	133	...	...
Cold rolled, n.o.p.	United States	423	14	1.6	7,051	245	68.8
	United Kingdom	13	13	1.3	61	19	8.0
	Germany	...	...	...	...	4	...
Cold rolled, for agricultural implements	United States	612	...	...	7,708	61	...
Tool steel	United States	3	28	...	103	453	...
	United Kingdom	18	22	...	655	386	...
	Belgium	...	...	...	2	...	...
Structurals	United States	11,235	...	.7	166,681	42	10.3
	United Kingdom	93	...	...	803	...	...
	Belgium	...	...	...	11,089	...	...
	France	...	...	...	83	...	...

Table 14 - Imports of Primary Forms of Iron and Steel, December, 1949 and Year to Date (continued)

Commodity	Country of origin	December			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Plates -							
78" and under in width	United States	718	...	11.5	37,559	307	252.6
	United Kingdom	...	...	4.4	20,615	...	31.4
	Belgium	...	...	...	112	...	...
	Holland	...	...	...	107	...	...
Over 78" and under 100" in width	United States	222	...	16.4	15,725	36	90.1
	United Kingdom	...	...	...	12,708	1	1.8
100" in width and over	United States	193	...	...	6,272	1	17.4
	United Kingdom	33	...	...	313	...	19.3
Flanged, dished or curved	United States	91	...	...	1,148	...	4.4
Boiler, pulp-mill digesters	United States	237	...	...	6,727	...	29.7
	United Kingdom	...	...	...	288	...	...
Chequered or surface pattern	United States	283	...	...	7,049	...	...
Painted	United States	1	...	...	25	...	...
For saws	United States	...	...	...	...	1	...
For tubes	United States	...	...	...	1,058	...	...
Sheets -							
Silicon .075 or more	United States	...	1,302	...	...	18,677	...
	United Kingdom	...	57	...	...	472	...
Galvanized	United States	1,390	...	...	13,783	...	...
	United Kingdom	552	...	...	1,485	...	...
Hot rolled -							
18 gauge and heavier	United States	2,756	4	18.5	84,683	69	225.4
	Germany	...	...	...	1	...	...
	Belgium	...	...	...	876	...	...
	United Kingdom	...	...	40.8	167	...	201.0
Lighter than 18 gauge	United States	21	...	3.1	10,969	5	70.4
	Belgium	...	...	...	284	...	...
	United Kingdom	...	...	1.1	157	...	12.5
Hot rolled -							
For hollow ware (vitreous enamel)	United States	...	...	...	2,044	...	...
	United Kingdom	...	...	...	45	...	...
Corrugated	United States	180	...	...	3,965	...	2.2
	United Kingdom	...	...	...	10	...	...
Coated with paint, tar, asphaltum, etc.	United States	80	...	...	1,321	...	...
For saws	United States	25	38	...	134	546	...
	United Kingdom	...	...	...	...	12	...
For cold rolled strip	United States	53	...	...	1,472	...	...
Shaped for agricultural implements	United States	434	...	...	3,035	57	...
For tubes	United States	31	...	...	1,794	...	...
For galvanizing	United States	...	...	...	610	...	...
Cold rolled -							
18 gauge and heavier	United States	1,025	...	70.9	13,685	...	832.7
	United Kingdom	...	...	...	562	...	3.8
Lighter than 18 gauge	United States	2,475	...	55.6	37,990	18	1,135.3
	United Kingdom	41	...	...	1,669	...	.1
For hollow ware (vitreous enamel)	United States	950	...	...	14,691	...	...
	United Kingdom	...	...	...	1,663	...	...
Black plate - Tin mill	United States	18	...	...	6,677	...	...
Coated with paint, tar, asphaltum, etc.	United States	5	...	...	618	...	...
For heating apparatus	United States	2	...	...	287	...	...
For saws	Sweden	...	...	...	...	11	...
	United States	...	1	...	...	5	...
For shoe and corset laces	United States	...	...	...	1	...	...
For tubes	United States	768	...	...	9,242	...	...
For tubular products	United States	...	...	...	25	...	...
For butt hinges	United States	...	...	...	86	...	...

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, December, 1949 and Year to Date (Continued)

Commodity	Country of origin	December			Year to Date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Sheets - (Concluded)							
Black plate - For tinning	United States	...	...	...	13,639	...	...
Sheets, hot rolled for conversion to tin plate	United States	...	...	...	4,308	...	...
Slabs for conversion to tin plate ...	United States	...	...	...	20,093	...	...
Tin plate - Primes	United States	65	...	...	11,417	...	...
	United Kingdom	15	...	...	232	...	...
Electrolytic (25#)	United States	14	...	...	12,958	...	...
(50#)	United States	...	...	...	297	...	...
Waste waste	United States	...	...	...	9	...	...
Terne plate - Long	United States	364	...	...	5,138	...	...
Short	United States	67	...	...	3,722	...	...
Strip -							
Hot rolled -							
18 gauge and heavier	United States	753	...	5.7	13,751	212	27.4
	Belgium	...	...	...	1,072	...	...
	United Kingdom	11	...	...	411	...	...
Lighter than 18 gauge	United States	83	...	9.9	1,578	...	21.6
For cold rolling	United States	148	...	...	5,340	...	...
Painted	United States	119	...	...	3,126	...	...
For shoe and corset laces, buckles, ball bearings, etc.	United States	36	...	...	802	...	...
For saws	United States	3	16	...	237	257	...
For motor vehicles	United States	1,464	...	...	14,158	80	...
For hoops	United States	82	...	...	1,896	...	...
	United Kingdom	110	...	...	114	...	...
For tubes	United States	...	...	...	403	...	...
For tubular products	United States	...	...	...	132	...	...
Silicon .075 or more	United States	...	119	...	...	3,721	...
Cold rolled -							
18 gauge and heavier	United States	342	7	18.6	4,873	56	250.5
	United Kingdom	...	...	...	63	4	...
Lighter than 18 gauge	United States	541	...	44.3	6,343	28	1,010.0
	Sweden	9	...	...	174	...	.1
	United Kingdom	2	...	...	84	...	...
Painted	United States	136	...	...	1,053	...	...
For shoe and corset laces, buckles, ball bearings, etc.	United States	32	...	...	504	...	...
For saws	United States	...	3	...	8	81	...
	Sweden	...	1	...	...	63	...
For tubes	United States	285	...	...	1,872	...	...
For tubular products	United States	65	...	...	1,434	...	1.0
For butt hinges	United States	125	...	...	1,278	17	...
	Sweden	...	...	...	1	...	...
Silicon .075 or more	United States	...	1	...	...	1,018	...
Galvanized strip	United States	255	...	...	6,844	...	...
Skelp -							
15 ³ / ₈ " and under in width	United States	16,012	...	...	106,667	...	...
	Belgium	356	...	...	27,759	...	...
Over 15 ³ / ₈ " in width	United States	...	...	...	6,471	...	...
Pipes and Tubes -							
Cast	United States	5	...	...	143	...	...
	United Kingdom	525	...	...	4,245	...	...
Bedstead	United States	...	...	...	73	...	...
Repair of pressure parts of boilers-							
Hot finished	United States	249	10	...	12,427	356	...
	United Kingdom	...	...	...	806	8	...
Cold drawn	United States	58	...	...	1,427	61	6.3
	United Kingdom	...	...	...	366	...	...
Welded	United States	87	...	...	2,651	...	5.3

Table 14 - Imports of Primary Forms of Iron and Steel, December, 1949 and Year to Date (Continued)

Commodity	Country of origin	December			Year to Date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pipes and Tubes - (concluded)							
Repair of pulp mill digesters -							
Hot finished	United States	...	...	...	75	...	...
Cold drawn	United States	...	...	...	...	...	3.7
Seamless, 12" and under in diameter -							
Cold drawn	United States	210	15	19.3	7,233	336	216.1
	United Kingdom	10	...	2.1	465	4	21.8
	Sweden	...	...	...	2	...	1.4
Hot finished	United States	294	148	...	5,308	441	...
Seamless, over 12" in diameter -							
Hot finished	United States	224	...	...	1,657	10	...
	United Kingdom	846	...	...	6,504	...	...
Welded, 4" and under in diameter							
	United States	730	...	3.1	21,442	1	22.9
	United Kingdom	653	...	...	4,593	...	2.4
	Occupied Japan	...	...	...	43	...	...
	Belgium	...	...	...	187	...	...
Welded, over 4" in diameter							
	United States	71	...	...	4,431	...	.2
	United Kingdom	...	...	...	9	...	...
Tubing -							
Not over 1/2" diameter, welded and coated							
	United States	5	...	...	284	...	...
Casings							
	United States	1,809	...	...	49,533	...	...
	France	...	...	...	472	...	...
	United Kingdom	...	...	...	63	...	...
Fittings and couplings							
	United States	111	...	.6	2,353	...	13.3
	United Kingdom	...	...	...	3	...	...
Wire rope							
	United States	19	...	.3	449	...	1.2
	United Kingdom	108	...	10.2	278	...	10.2
	Belgium	...	...	.9	...	...	.9
Wire -							
For wire rope							
	United States	1,091	...	...	15,780	...	.5
	United Kingdom	224	...	...	550	...	...
For corset laces, steels, etc.							
	United States	7	...	...	118	...	...
	United Kingdom	1	...	...	10	...	...
For spring mattress, etc.							
	United States	95	...	...	2,736	...	...
For fencing, galvanized							
	United States	139	...	...	1,255	...	...
Wire cloth and netting							
	United States	5	...	.6	2,149	...	3.0
	United Kingdom	25	...	...	82	...	...
Wire, coated							
	United States	284	...	...	1,259	...	...
	United Kingdom	...	...	...	8	...	...
Wire -- All other							
	United States	308	...	.9	8,760	7	64.8
	United Kingdom	...	...	...	2	...	...
	Germany	2	...	...	5	...	...
	France	...	...	...	1	...	...
Wire rods, not over 3/8" in diameter							
	United States	...	...	...	7,652	...	...
Welding wire and welding rods							
	United States	8	...	6.2	2,197	200	113.2
Castings -							
For agricultural implements							
	United States	146	...	...	2,071	...	...
For ingot moulds							
	United States	1,703	...	...	24,430	...	...
Malleable							
	United States	64	...	...	471	...	...
	United Kingdom	...	...	...	2	...	...
Non-malleable							
	United States	146	...	...	1,661	...	...
Steel							
	United States	30	...	...	2,258	69	.6
	Norway	29	...	...	35	...	...
For railway vehicles							
	United States	36	...	...	1,240	...	...
Rolls							
	United States	135	125	...	1,911	848	...
	United Kingdom	...	...	...	12	49	...
Piston rings (rough)							
	United States	14	...	...	295	...	...

Table 14 - Imports of Primary Forms of Iron and Steel, December, 1949 and Year to Date (concluded)

Commodity	Country of origin	December			Year to Date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Forgings	United States	48	30	...	1,266	695	.4
	United Kingdom	...	26	...	603	566	...
Axles - For railway vehicles	United States	...	...	...	288	...	...
Wheels - For railway rolling stock	United States	48	...	...	1,361	...	...
	United Kingdom	156	...	...	7,582	...	...
Tires - For railway rolling stock	United States	464	...	...	5,508	...	...
	United Kingdom	41	...	...	5,184	...	...
Rails -	60 lb. and under .....	...	...	...	253	...	...
	Over 60 lb. and including 100 lb. ..	...	...	...	11	...	...
	Over 100 lb. ....	...	...	...	1,210	...	...
	Grooved for electric tramways .....	...	...	...	307	...	...
Track material - Angles, bars, tie plates, rail joints	United States	41	...	...	909	...	...
	United Kingdom	...	...	...	48	...	...
	United States	...	...	...	127	...	...
Total Imports	United States	57,686	1,963	290.3	1,052,539	36,943	4,587.1
	All other	3,934	119	68.8	127,607	1,626	383.1
TOTAL		61,620	2,082	359.1	1,180,146	38,569	4,970.2

Table 15 - Exports of Primary Iron and Steel, December, 1949 and Year to Date

	December	Year to date
(Tons of 2,000 pounds)		
Pig iron	1,182	12,506
Ingots, blooms and billets	7,874	68,155
Bars	2,023	22,659
Rods	12	319
Plates, sheets and strips	3,225	31,793
Rails	9,894	77,406
Structural shapes	564	10,264
Pipe and tubing - Wrought iron ...	...	388
Cast iron	63	998
Galvanized	1,714	16,807
Other	102	535
Castings, iron and steel	225	8,007
Forgings	41	654

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