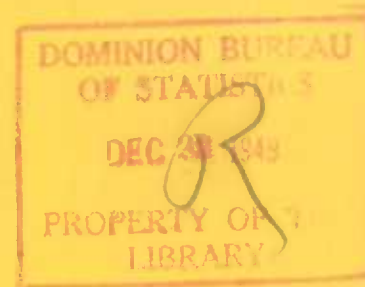


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GOVERNMENT OF CANADA

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**MONTHLY REPORT**  
**ON**  
**PRIMARY IRON AND STEEL IN CANADA**  
**SEPTEMBER - 1949**



DOMINION BUREAU OF STATISTICS  
DEPARTMENT OF TRADE AND COMMERCE

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Prepared in the Mining, Metallurgical and Chemical Section,  
of the Industry and Merchandising Division,  
Dominion Bureau of Statistics, Ottawa

# PRIMARY IRON AND STEEL IN CANADA

SEPTEMBER, 1949

**Pig Iron** - Production of pig iron in Canada amounted to 168,436 net tons in September compared with 182,465 tons in the corresponding month of last year. The total for the current month included 131,451 tons of basic iron, 24,705 tons of foundry iron and 12,280 tons of malleable iron.

**Ferro-alloys** - Output of ferro-alloys in September amounted to 12,250 net tons compared with 12,562 tons in the previous month and with 12,318 tons in September 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 September totalled 240,748 net tons compared with 257,865 tons in September of last year. Output in the month under review included 232,882 tons of ingots and 7,866 tons of castings.

**Primary Steel Shapes** - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 223,339 net tons in September, 1949 compared with 203,345 tons in August. The September shipments included 5,115 tons of semi-finished shapes, 14,305 tons of structurals, 13,172 tons of plates, 33,747 tons of rails, 3,970 tons of tie plates and track material, 41,185 tons of hot rolled bars, 15,629 tons of pipes and tubes, 24,922 tons of wire rods, 17,771 tons of black sheets, 8,394 tons of galvanized sheets, 7,845 tons of castings, and 24,956 tons of other rolled products. The amount of producers' interchange was 75,959 tons in September as against 68,824 tons in August.

Of the amounts shipped for sale during September, 47,425 tons went direct to railways and railway car shops; 11,378 tons went to pressing, forming and stamping plants; 29,875 tons to merchant trade products, 31,076 tons to building construction; 19,801 tons to the containers industry; 9,856 tons to agricultural equipment; 14,027 tons to the automotive industry; 8,450 tons to machinery plants; 1,096 tons to shipbuilding; 5,893 tons to mining, lumbering, etc., and 1,220 tons to miscellaneous industries; wholesalers and warehousing accounted for 29,500 tons, and exports for 11,917 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 75,959 tons in September, 1949.

## (a) Pig Iron and Ferro-alloys

**Table 1 - Production During August, 1949 and September, 1949**

	August			September		
	For own use	For sale	Total	For own use	For sale	Total
	(Net tons of 2,000 pounds)					
<b>Pig Iron -</b>						
Basic .....	148,429	8,415	156,844	129,781	1,670	131,451
Foundry .....	311	11,603	11,914	650	24,055	24,705
Malleable .....	...	11,357	11,357	...	12,280	12,280
<b>Total Pig Iron .....</b>	<b>148,740</b>	<b>31,375</b>	<b>180,115</b>	<b>130,431</b>	<b>38,005</b>	<b>168,436</b>
<b>Ferro-alloys - .....</b>	<b>...</b>	<b>12,562</b>	<b>12,562</b>	<b>...</b>	<b>12,250</b>	<b>12,250</b>

**Table 2 - Cumulative Production for the Nine Months Ended September, 1948 and 1949**

	1948			1949		
	For own use	For sale	Total	For own use	For sale	Total
	(Net tons of 2,000 pounds)					
<b>Pig Iron -</b>						
Basic .....	1,233,792	60,849	1,294,641	1,326,271	57,668	1,383,939
Foundry .....	15,899	159,422	175,321	3,390	150,549	153,939
Malleable .....	...	123,519	123,519	...	121,125	121,125
<b>Total Pig Iron .....</b>	<b>1,249,691</b>	<b>343,790</b>	<b>1,593,481</b>	<b>1,329,661</b>	<b>329,342</b>	<b>1,659,003</b>
<b>Ferro-alloys .....</b>	<b>...</b>	<b>127,610</b>	<b>127,610</b>	<b>...</b>	<b>169,536</b>	<b>169,536</b>

# Primary Iron and Steel

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Table 3 - Iron Blast Furnace Charges During August and September, 1949 and Nine Months Ended September, 1949

	August 1949	September 1949	Nine Months Ended September, 1949
(Net tons of 2,000 pounds)			
Iron ore .....	306,359	292,485	2,943,556
Mill cinder, scale, sinter, etc. ..	45,913	39,336	352,716
Limestone .....	67,207	62,389	647,358
Dolomite .....	9,430	9,818	86,071
Coke .....	164,675	154,069	1,553,807
Scrap iron and steel .....	9,729	5,396	79,535

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 September, 1949

Condition of Furnaces	Number of furnaces	Total Annual Capacity	
		Net tons	per cent
In blast .....	9	2,179,900	79.5
Banked .....	1	120,000	4.3
Blown out .....	4	445,100	16.2
Total .....	14	2,745,000	100

## (b) Steel Ingots and Steel Castings

Table 6 - Production During August and September, 1949

	A u g u s t			S e p t e m b e r		
	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 .....	207,112	4,563	211,675	198,968	4,205	203,173
Electric .....	28,311	1,456	29,767	28,528	1,181	29,709
Total Steel Ingots ...	235,423	6,019	241,442	227,496	5,386	232,882
Alloy steel ingots included in above .....	12,200	...	12,200	13,633	...	13,633
<u>Steel Castings</u>						
Open hearth - Basic .....	131	2,554	2,685	209	2,811	3,020
Converter .....	4	...	4	4	...	4
Electric .....	844	3,774	4,618	1,150	3,692	4,842
Total Steel Castings .	979	6,328	7,307	1,363	6,503	7,866
Alloy steel castings included in above .....	331	665	996	625	993	1,618
TOTAL INGOTS AND CASTINGS .	236,402	12,347	248,749	228,859	11,889	240,748



Table 7 - Cumulative Production for the Nine Months Ended September, 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 .....	1,888,002	48,406	1,936,408	1,945,304	94,455	2,039,759
Electric .....	340,482	1,211	341,693	281,122	4,426	285,548
Total Steel Ingots ...	2,228,484	49,617	2,278,101	2,226,426	98,881	2,325,307
Alloy steel ingots included in above .....	114,418	...	114,418	109,289	...	109,289
<u>Steel Castings</u>						
Open hearth - Basic .....	1,621	23,623	25,244	1,679	22,492	24,171
Converter .....	30	348	378	19	57	76
Electric .....	9,524	48,140	57,664	10,597	44,217	54,814
Total Steel Castings .	11,175	72,111	83,286	12,295	66,766	79,061
Alloy steel castings included in above .....	4,428	8,466	12,894	4,617	8,011	12,628
TOTAL INGOTS AND CASTINGS	2,239,659	121,728	2,361,387	2,238,721	165,647	2,404,368

Table 8 - Pig Iron and Scrap Charged to Steel Furnaces During August and September, 1949 and Nine Months Ended September, 1949

	A u g u s t 1949	September 1949	Nine Months Ended September, 1949
	(Net tons of 2,000 pounds)		
Pig iron .....	139,025	134,198	1,323,589
Scrap - Own make .....	77,840	83,058	707,173
Purchased .....	52,322	49,673	625,565

Table 9 - Steel Furnace Capacity at End of September, 1949

	Annual Capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth .....	3,024,000
Electric .....	574,000
Total Ingots .....	3,598,000
Steel castings .....	300,000
Total Ingots and Castings .....	3,898,000

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

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1948 and 1947					
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	18,436	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
Total - Nine Months.	1,659,003	169,536	2,325,307	79,061	2,404,368

Table 11 - Production in Canada and Producers' Shipments of Primary Iron and Steel Shapes, September, 1949

	Production (Including producers' interchange)	Shipments	
		For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon Steel</u>			
Billets, etc., for forging .....	5,940	2,541	1,582
Other semi-finished shapes, not for re-rolling by makers .....	26,042	5,115	27,175
Structural shapes and piling .....	14,320	14,305	...
Plates .....	11,729	13,101	...
Rails .....	27,969	33,747	...
Tie plates and track material - Splice bars ..	82	110	...
Tie plates ...	3,245	3,219	...
Spikes .....	664	641	...
Concrete reinforcing bars .....	8,140	9,162	...
Hot rolled bars for cold finishing .....	640	23	668
Other hot rolled bars .....	38,652	35,589	5,181
Pipes and tubes .....	16,586	15,629	...
Wire rods .....	25,579	24,786	679
Hot rolled black sheets .....	14,459	9,682	5,900
Cold reduced black sheets .....	10,628	8,089	2,509
Galvanized sheets .....	8,243	8,394	...
Steel castings .....	6,341	6,273	...
Miscellaneous hot rolled products .....	32,262	3,240	32,100
All other products .....	20,082	21,235	...
Total - Carbon Steel .....	271,603	214,881	75,794

Table 11 - Production in Canada and Producers' Shipments of Primary Iron and Steel Shapes, September, 1949  
(Concluded)

	Production (Including producers' interchange)	Shipments For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Alloy Steel</u>			
Billets, etc., for forging .....	832	625	...
Other semi-finished shapes, not for re-rolling by makers .....	81	...	81
Structural shapes and piling .....	...	...	...
Plates .....	54	71	...
Rails .....	...	...	...
Tie plates and track material - Splice bars ..	...	...	...
Tie plates ...	...	...	...
Spikes .....	...	...	...
Concrete reinforcing bars .....	...	...	...
Hot rolled bars for cold finishing .....	...	...	...
Other hot rolled bars .....	6,006	5,573	81
Pipes and tubes .....	...	...	...
Wire rods .....	136	136	...
Hot rolled black sheets .....	...	...	...
Cold reduced black sheets .....	...	...	...
Galvanized sheets .....	...	...	...
Steel castings .....	1,593	1,572	...
Miscellaneous hot rolled products .....	225	218	...
All other products .....	327	263	3
Total - Alloy Steel .....	9,254	8,458	165

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.

Table 12 - Production in Canada and Producers' Shipments of Primary Iron and Steel Shapes, Nine Months  
Ended September, 1949

	Production (Including producers' interchange)	Shipments For Producers' sale interchange	
		(Tons of 2,000 pounds)	
<u>Carbon Steel</u>			
Billets, etc., for forging .....	70,892	45,196	23,731
Other semi-finished shapes, not for re-rolling by makers .....	386,823	34,349	367,814
Structural shapes and piling .....	131,337	127,518	...
Plates .....	142,208	143,897	73
Rails .....	235,472	246,631	...
Tie plates and track material -			
Splice bars .....	14,356	14,384	...
Tie plates .....	34,321	34,374	...
Spikes .....	8,423	8,517	...
Concrete reinforcing bars .....	68,275	66,609	...
Hot rolled bars for cold finishing .....	8,930	23	8,630
Other hot rolled bars .....	384,845	333,650	58,391
Pipes and tubes .....	159,588	154,044	...
Wire rods .....	220,880	218,577	3,372
Hot rolled black sheets .....	175,369	125,424	53,362
Cold reduced black sheets .....	80,089	62,964	14,772
Galvanized sheets .....	74,601	74,269	66
Steel castings .....	65,521	63,380	...
Miscellaneous hot rolled products .....	253,891	32,918	221,327
All other products .....	168,928	165,696	1
Total - Carbon Steel .....	2,684,749	1,952,420	751,539



Table 12 - Production in Canada and Producers' Shipments of Primary Iron and Steel Shapes, Nine Months Ended September, 1949 (Concluded)

	Production (Including producers' interchange)	Shipments	
		For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Alloy Steel</u>			
Billets, etc., for forging .....	7,257	6,666	...
Other semi-finished shapes, not for re-rolling by makers .....	3,283	...	3,283
Structural shapes and piling .....	...	...	...
Plates .....	780	786	...
Hot rolled bars for cold finishing .....	...	215	...
Other hot rolled bars .....	50,931	50,691	164
Pipes and tubes .....	...	...	...
Wire rods .....	661	646	...
Steel castings .....	12,864	12,290	...
Miscellaneous hot rolled products .....	1,939	1,964	...
All other products .....	2,180	2,141	3
Total - Alloy Steel .....	79,895	75,399	3,450

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

	S e p t e m b e r		Year to Date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries .....	8,201	5,826	63,946	45,443
Agricultural, including farm machinery .....	9,825	31	82,364	291
Building construction .....	31,009	67	271,197	592
Containers industry .....	19,794	7	158,066	27
Machinery and tools .....	7,889	561	85,278	4,240
Merchant trade products .....	29,654	221	265,799	1,527
Mining, lumbering, etc. ....	5,229	664	58,001	5,111
National defence .....	130	4	818	16
Pressing, forming and stamping .....	11,317	61	100,412	584
Public works and utilities .....	1,638	53	14,403	387
Railway operating .....	33,612	163	274,444	1,739
Railway cars and locomotives .....	13,562	88	141,474	1,595
Shipbuilding .....	1,086	10	14,995	391
Miscellaneous and unclassified .....	1,107	113	9,792	1,017
Wholesalers and warehouses .....	29,340	160	258,167	2,882
Direct export (a) to British Empire ..	5,711	136	68,212	3,784
(b) to other countries ..	5,777	293	85,052	5,773
Total Shipped for Sale .....	214,881	8,458	1,952,420	75,399
Producers' interchange .....	75,794	165	751,539	3,450

Table 14 - Imports into Canada of Primary Forms of Iron and Steel, September, 1949 and Year to Date

Commodity	Country of Origin	S e p t e m b e r			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig Iron -							
Basic .....	United States	...	...	...	8,026	...	...
	Belgium	...	...	...	568	...	...
Foundry .....	United States	...	...	...	4,068	...	...
Malleable .....	United States	57	...	...	4,646	...	...
Silvery .....	United States	198	...	...	1,579	...	...
Charcoal .....	United States	...	...	...	117	...	...
Ingots .....	United States	102	60	...	31,243	83	...
Billets, blooms, slabs and sheet bars	United States	801	4	...	2,019	37	...
	United Kingdom	...	...	...	...	26	...
Tube rounds and tube billets .....	United States	...	...	...	3,754	...	...



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

Commodity	Country of Origin	S e p t e m b e r			Year to Date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Bars and Sections -							
Hot rolled, n.o.p. ....	United States	4,232	252	3.3	44,668	3,262	51.9
	United Kingdom	...	1	5.8	712	1	47.1
	Belgium	17	...	...	6,703	...	...
	Sweden	1	...	...	3	...	...
Hot rolled -							
For agricultural implements .....	United States	988	73	...	14,642	2,916	...
Rounds over 4 $\frac{7}{8}$ ", squares over 4".	United States	157	2	...	1,122	182	.8
	United Kingdom	...	...	...	32	...	...
	Belgium	...	...	...	4	...	...
Angles, channels, etc. ....	United States	691	...	2.6	7,119	4	22.7
	Belgium	...	...	...	2,414	...	...
	United Kingdom	...	...	...	621	...	...
Structurals (bar sizes) for agri- cultural implements .....	United States	518	72	...	8,291	1,168	...
Sash or casement sections .....	United States	...	...	...	1,681	...	...
	United Kingdom	...	...	...	111	...	...
Cold rolled, n.o.p. ....	United States	477	15	3.7	6,214	226	66.0
	United Kingdom	...	...	...	8	6	5.3
	Germany	...	...	...	...	4	...
Cold rolled, for agricultural implements .....	United States	303	...	...	6,059	54	...
Tool steel .....	United States	4	36	...	92	379	...
	United Kingdom	46	23	...	619	291	...
	Belgium	...	...	...	2	...	...
Structurals .....	United States	16,759	...	...	142,771	42	6.3
	United Kingdom	...	...	...	703	...	...
	Belgium	...	...	...	10,721	...	...
	France	83	...	...	83	...	...
Plates -							
78" and under in width .....	United States	3,909	12	18.5	34,678	298	221.6
	United Kingdom	2,587	...	.7	18,796	...	20.5
	Belgium	...	...	...	112	...	...
	Holland	...	...	...	107	...	...
Over 78" and under 100" in width ..	United States	1,969	6	12.8	14,705	36	73.7
	United Kingdom	1,012	...	...	12,487	1	1.8
100" in width and over .....	United States	500	...	8.0	5,962	1	17.4
	United Kingdom	...	...	.3	280	...	19.3
Flanged, dished or curved .....	United States	139	...	.4	976	...	4.3
Boiler, pulp-mill digesters .....	United States	527	...	21.5	6,338	...	28.3
	United Kingdom	...	...	...	288	...	...
Chequered or surface pattern .....	United States	255	...	...	6,539	...	...
Painted .....	United States	1	...	...	16	...	...
For saws .....	United States	...	...	...	...	1	...
For tubes .....	United States	368	...	...	1,058	...	...
Sheets -							
Silicon .075 or more .....	United States	...	1,821	...	...	15,768	...
	United Kingdom	...	...	...	...	415	...
Galvanized .....	United States	1,300	...	...	11,132	...	...
	United Kingdom	82	...	...	876	...	...
Hot rolled -							
18 gauge and heavier .....	United States	7,759	2	8.8	77,806	60	188.3
	Belgium	...	...	...	876	...	...
	United Kingdom	...	...	14.4	153	...	123.5
Lighter than 18 gauge .....	United States	576	...	.8	10,437	3	66.1
	Belgium	...	...	...	284	...	...
	United Kingdom	...	...	3.4	157	...	6.4

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

Commodity	Country of Origin	(Continued) S e p t e m b e r			Year to Date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Sheets - (concluded)							
Hot rolled -							
For hollow ware (vitreous enamel)	United States	322	...	...	1,989	...	...
	United Kingdom	...	...	...	45	...	...
Corrugates .....	United States	489	...	...	3,441	...	...
	United Kingdom	...	...	...	10	...	...
Coated with paint, tar, asphaltum, etc. ....	United States	98	...	...	1,093	...	...
For saws .....	United States	...	69	...	63	444	...
	United Kingdom	...	...	...	...	12	...
For cold rolled strip .....	United States	203	...	...	1,393	...	...
Shaped for agricultural implements .....	United States	433	...	...	2,252	43	...
For tubes .....	United States	158	...	...	1,343	...	...
For galvanizing .....	United States	288	...	...	610	...	...
Cold rolled -							
18 gauge and heavier .....	United States	1,685	...	44.3	11,826	...	651.2
	United Kingdom	...	...	...	562	...	3.8
Lighter than 18 gauge .....	United States	3,124	...	70.8	31,305	18	953.8
	United Kingdom	...	...	...	1,628	...	.1
For hollow ware (vitreous enamel)	United States	1,906	...	...	11,963	...	...
	United Kingdom	19	...	...	1,663	...	...
Black plate - Tin mill .....	United States	159	...	...	6,646	...	...
Coated with paint, tar, asphaltum, etc. ....	United States	8	...	...	561	...	...
For heating apparatus .....	United States	62	...	...	285	...	...
For saws .....	Sweden	...	5	...	...	9	...
	United States	...	2	...	...	2	...
For shoe and corset laces .....	United States	...	...	...	1	...	...
For tubes .....	United States	1,366	...	...	7,599	...	...
For tubular products .....	United States	...	...	...	25	...	...
For butt hinges .....	United States	...	...	...	86	...	...
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	858	...	...	11,315	...	...
	United Kingdom	16	...	...	149	...	...
Electrolytic (25#) ....	United States	47	...	...	12,919	...	...
(50#) ....	United States	...	...	...	297	...	...
Waste waste .....	United States	...	...	...	9	...	...
Terne plate - Long .....	United States	234	...	...	3,918	...	...
Short .....	United States	84	...	...	3,608	...	...
Strip -							
Hot rolled -							
18 gauge and heavier .....	United States	1,178	16	1.3	11,859	212	18.2
	Belgium	...	...	...	950	...	...
	United Kingdom	...	...	...	310	...	...
Lighter than 18 gauge .....	United States	103	...	...	1,414	...	6.1
For cold rolling .....	United States	364	...	...	4,694	...	...
Painted .....	United States	654	...	...	2,841	...	...
For shoe and corset laces, buckles, ball bearings, etc. ...	United States	10	...	...	748	...	...
For saws .....	United States	9	21	...	213	195	...
For motor vehicles .....	United States	1,833	...	...	10,841	80	...
For hoops .....	United States	241	...	...	1,661	...	...
For tubes .....	United States	92	...	...	403	...	...
For tubular products .....	United States	...	...	...	105	...	...

## Primary Iron and Steel

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

Commodity	Country of Origin	(Continued)			Year to Date		
		S e p t e m b e r			Carbon	Alloy	Stain- less
		Carbon	Alloy	Stain- less			
(Tons of 2,000 pounds)							
Strip - (concluded)							
Hot rolled -							
Silicon .075 or more .....	United States	...	405	...	...	3,265	...
Cold rolled -							
18 gauge and heavier .....	United States	284	...	27.5	3,715	45	200.0
	United Kingdom	...	...	...	63	4	...
Lighter than 18 gauge .....	United States	642	1	88.3	5,145	26	888.9
	Sweden	16	...	...	121	...	.1
	United Kingdom	3	...	...	82	...	...
Painted .....	United States	249	...	...	706	...	...
For shoe and corset laces, buckles, ball bearings, etc. ...	United States	74	...	...	435	...	...
For saws .....	United States	...	6	...	5	56	...
	Sweden	...	1	...	...	62	...
For tubes .....	United States	16	...	...	1,453	...	...
For tubular products .....	United States	50	...	.2	1,030	...	.5
For butt hinges .....	United States	47	...	...	996	...	...
	Sweden	...	...	...	1	...	...
Silicon .075 or more .....	United States	...	...	...	...	994	...
Galvanized strip .....	United States	785	...	...	5,966	...	...
Skelp -							
15 <sup>3</sup> / <sub>8</sub> " and under in width .....	United States	15,146	...	...	85,808	...	...
	Belgium	...	...	...	27,403	...	...
Over 15 <sup>3</sup> / <sub>8</sub> " in width .....	United States	...	...	...	6,028	...	...
Pipes and Tubes -							
Cast .....	United States	3	...	...	102	...	...
	United Kingdom	338	...	...	2,829	...	...
Bedstead .....	United States	...	...	...	56	...	...
Repair of pressure parts of boilers -							
Hot finished .....	United States	2,779	24	...	11,197	345	...
	United Kingdom	80	...	...	725	...	...
Cold drawn .....	United States	104	11	.5	1,349	55	6.2
	United Kingdom	...	...	...	366	...	...
Welded .....	United States	861	...	...	2,375	...	5.3
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	687	4	12.7	6,045	276	152.9
	United Kingdom	2	...	2.2	421	4	14.4
	Sweden	...	...	...	2	...	...
Hot finished .....	United States	412	133	...	4,629	278	...
Seamless, over 12" in diameter -							
Hot finished .....	United States	274	...	...	1,341	10	...
	United Kingdom	19	...	...	4,822	...	...
Welded, 4" and under in diameter .	United States	1,334	...	1.7	19,495	...	17.9
	United Kingdom	204	...	...	2,717	...	2.4
	Occupied Japan	...	...	...	43	...	...
	Belgium	...	...	...	88	...	...
Welded, over 4" in diameter .....	United States	527	...	...	4,146	...	.1
	United Kingdom	...	...	...	9	...	...



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

Commodity	Country of Origin	S e p t e m b e r			Year to Date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Tubing -							
Not over $\frac{1}{2}$ " diameter, welded and coated .....	United States	38	...	...	235	...	...
Casings .....	United States	6,464	...	...	43,744	...	...
	France	...	...	...	472	...	...
Fittings and couplings .....	United States	173	...	.8	1,759	...	10.5
Wire rope .....							
	United States	16	...	...	292	...	.8
	United Kingdom	31	...	...	134	...	...
Wire -							
For wire rope .....	United States	1,021	...	...	12,769	...	.5
	United Kingdom	31	...	...	226	...	...
For corset laces, steels, etc. ....	United States	7	...	...	97	...	...
	United Kingdom	1	...	...	7	...	...
For spring mattress, etc. ....	United States	130	...	...	2,539	...	...
For fencing, galvanized .....	United States	...	...	...	1,082	...	...
Wire cloth and netting .....	United States	99	...	.2	2,002	...	2.3
	United Kingdom	9	...	...	37	...	...
Wire, coated .....	United States	47	...	...	863	...	...
	United Kingdom	...	...	...	2	...	...
Wire -- All other .....	United States	534	...	5.4	7,811	7	60.1
	United Kingdom	...	...	...	1	...	...
	Germany	...	...	...	2	...	...
	France	...	...	...	1	...	...
Wire rods, not over $\frac{3}{8}$ " in diameter ..	United States	1,469	...	...	6,768	...	...
Welding wire and welding rods .....	United States	67	38	13.2	2,137	192	94.6
Castings -							
For agricultural implements .....	United States	103	...	...	1,595	...	...
For ingot moulds .....	United States	2,953	...	...	22,202	...	...
Malleable .....	United States	15	...	...	335	...	...
Non-malleable .....	United States	97	...	...	1,249	...	...
Steel .....	United States	65	26	...	2,191	63	.6
For railway vehicles .....	United States	10	...	...	1,182	...	...
Rolls .....	United States	168	30	...	1,612	566	...
	United Kingdom	...	...	...	8	21	...
Piston rings (rough) .....	United States	22	...	...	188	...	...
Forgings .....							
	United States	158	40	...	904	504	.4
	United Kingdom	34	105	...	383	419	...
Axles - For railway vehicles .....	United States	2	...	...	261	...	...
Wheels -							
For railway rolling stock .....	United States	30	...	...	1,261	...	...
	United Kingdom	700	...	...	6,048	...	...
Tires -							
For railway rolling stock .....	United States	275	...	...	4,629	...	...
	United Kingdom	66	...	...	2,170	...	...
Rails -							
60 lb. and under .....	United States	29	...	...	248	...	...
Over 60 lb. and including 100 lb. .	United States	130	...	...	1,208	...	...
Over 100 lb. ....	United States	25	...	...	253	...	...
Grooved for electric tramways .....	United States	...	...	...	266	...	...

Primary Iron and Steel

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Table 14 - Imports into Canada of Primary Forms of Iron and Steel, September, 1949 and Year to Date  
(Concluded)

(concluded)

Commodity	Country of Origin	S e p t e m b e r			Year to Date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Track material -							
Angles, bars, tie plates, rail joints .....	United States	42	...	...	844	...	...
	United Kingdom	...	...	...	48	...	...
Intersections, switches, frogs ....	United States	9	...	...	105	...	...
Total Imports .....	United States	97,070	3,181	347.3	929,852	32,196	3,822.0
	All other	5,397	135	26.8	112,268	1,275	244.7
TOTAL .....		102,467	3,316	374.1	1,042,120	33,471	4,066.7

Table 15 - Exports from Canada of Primary Iron and Steel, September, 1949 and Year to Date

	September	Year to Date
(Tons of 2,000 pounds)		
Pig iron .....	...	1,121
Ingots, blooms and billets .....	4,977	50,395
Bars .....	1,204	12,162
Rods .....	...	292
Plates, sheets and strips .....	28	13,825
Rails .....	5,557	64,722
Structural shapes .....	92	9,034
Pipe and tubing - Wrought iron .....	9	387
Cast iron .....	91	727
Galvanized .....	359	14,876
Other .....	16	359
Castings, iron and steel .....	856	6,923
Forgings .....	41	552





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