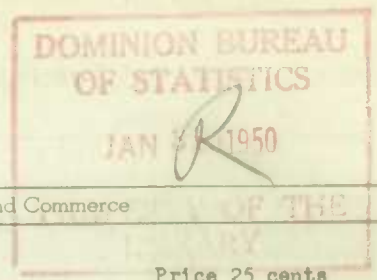


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PRIMARY IRON AND STEEL IN CANADA

OCTOBER - 1949

Pig Iron - Production of pig iron in Canada amounted to 166,020 net tons in October compared with 186,424 tons in the corresponding month of last year. The total for the current month included 141,336 tons of basic iron, 19,439 tons of foundry iron and 5,245 tons of malleable iron.

Ferro-alloys - Output of ferro-alloys in October amounted to 15,456 net tons compared with 12,250 tons in the previous month and with 19,489 tons in October of a year ago. The following alloys were produced: ferrosilicon, silicomanganese, ferromanganese, ferrochrome, chrom-x and ferrophosphorus.

Steel Ingots and Castings - Production of steel ingots and steel castings during October totalled 258,891 net tons compared with 281,866 tons in October of last year. Output in the month under review included 252,965 tons of ingots and 5,926 tons of castings.

Primary Steel Shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 206,291 net tons in October, 1949 compared with 223,339 tons in September. The October shipments included 131 tons of semi-finished shapes, 19,004 tons of structurals, 11,254 tons of plates, 29,817 tons of rails, 641 tons of tie plates and track material, 40,985 tons of hot rolled bars, 14,826 tons of pipes and tubes, 23,774 tons of wire rods, 21,806 tons of black sheets, 7,711 tons of galvanized sheets, 6,077 tons of castings, and 9,883 tons of other rolled products. The amount of producers' interchange was 63,955 tons in October as against 75,959 tons in September.

Of the amounts shipped for sale during October, 40,245 tons went direct to railways and railway car shops; 13,702 tons went to pressing, forming and stamping plants; 26,265 tons to merchant trade products; 31,520 tons to building construction; 15,913 tons to the containers industry; 10,562 tons to agricultural equipment; 13,628 tons to the automotive industry; 7,996 tons to machinery plants; 1,726 tons to shipbuilding; 6,429 tons to mining, lumbering, etc., and 1,254 tons to miscellaneous industries; wholesalers and warehousing accounted for 29,881 tons, and exports for 4,819 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 63,955 tons in October, 1949.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During September and October, 1949

	September			October		
	For own use	For sale	Total	For own use	For sale	Total
	(Net tons of 2,000 pounds)					
<u>Pig Iron -</u>						
Basic	129,781	1,670	131,451	140,281	1,055	141,336
Foundry	650	24,055	24,705	2,500	16,939	19,439
Malleable .....	...	12,280	12,280	...	5,245	5,245
Total Pig Iron ...	130,431	38,005	168,436	142,781	23,239	166,020
<u>Ferro-alloys</u> .....	...	12,250	12,250	...	15,456	15,456

Table 2 - Cumulative Production for the Ten Months Ended October, 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	1,389,813	69,012	1,458,825	1,466,552	58,723	1,525,275
Foundry	17,460	173,621	191,081	5,890	167,488	173,378
Malleable .....	...	129,999	129,999	...	126,370	126,370
Total Pig Iron ...	1,407,273	372,632	1,779,905	1,472,442	352,581	1,825,023
<u>Ferro-alloys</u> .....	...	147,099	147,099	...	184,992	184,992

This report was prepared in the Mining, Metallurgical and Chemical Section.

Table 3 - Iron Blast Furnace Charges During September and October, 1949, and Ten Months Ended October 1949

	September	October	Ten Months Ended
	1949	1949	October, 1949
	(Net tons of 2,000 pounds)		
Iron ore	292,485	289,129	3,232,685
Mill cinder, scale, sinter, etc. ..	39,336	42,649	395,365
Limestone	62,389	58,880	706,238
Dolomite	9,818	12,533	98,604
Coke	154,069	155,574	1,709,381
Scrap iron and steel	5,396	6,452	85,987

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 October, 1949

Condition of Furnaces	Number of furnaces	Total Annual Capacity	
		Net tons	per cent
In blast	9	2,179,900	79.4
Banked	1	120,000	4.4
Blown out	4	445,100	16.2
Total	14	2,745,000	100.0

(b) Steel Ingots and Steel Castings

Table 6 - Production During September and October, 1949

	September			October		
	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	198,968	4,205	203,173	214,205	4,857	219,062
Electric	28,528	1,181	29,709	32,614	1,289	33,903
Total Steel Ingots ...	227,496	5,386	232,882	246,819	6,146	252,965
Alloy steel ingots included in above	13,633	...	13,633	12,568	...	12,568
<u>Steel Castings</u>						
Open hearth - Basic	209	2,811	3,020	168	1,482	1,650
Converter	4	...	4	3	...	3
Electric	1,150	3,692	4,842	977	3,296	4,273
Total Steel Castings .	1,363	6,503	7,866	1,148	4,778	5,926
Alloy steel castings included in above	625	993	1,618	163	966	1,129
TOTAL INGOTS AND CASTINGS .	228,859	11,889	240,748	247,967	10,924	258,891

Table 7 - Cumulative Production for the Ten Months Ended October, 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	2,108,735	59,213	2,167,948	2,159,509	99,312	2,258,821
Electric	381,069	1,211	382,280	313,736	5,715	319,451
Total Steel Ingots ...	2,489,804	60,424	2,550,228	2,473,245	105,027	2,578,272
Alloy steel ingots included in above	127,478	...	127,478	121,857	...	121,857
<u>Steel Castings</u>						
Open hearth - Basic	1,767	26,495	28,262	1,847	23,974	25,821
Converter	36	348	384	22	57	79
Electric	10,630	53,749	64,379	11,574	47,513	59,087
Total Steel Castings .	12,433	80,592	93,025	13,443	71,544	84,987
Alloy steel castings included in above	5,056	9,567	14,623	4,780	8,977	13,757
TOTAL INGOTS AND CASTINGS	2,502,237	141,016	2,643,253	2,486,688	176,571	2,663,259

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

	September	October	Ten Months Ended
	1949	1949	October, 1949
	(Net tons of 2,000 pounds)		
Pig iron	134,198	143,707	1,467,296
Scrap - Own make	83,058	85,130	792,303
Purchased	49,673	57,842	683,407

Table 9 - Steel Furnace Capacity at end of October, 1949

	Annual Capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	3,024,000
Electric	694,000
Total Ingots	3,718,000
Steel castings	300,000
Total Ingots and Castings	4,018,000

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	18,436	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
October	166,020	15,456	252,965	5,926	258,891
Total - Ten Months .	1,825,023	184,992	2,578,272	84,987	2,663,259

(*) Total includes revised figures for January to October not available on monthly basis.

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

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon Steel</u>			
Billets, etc., for forging	3,575	3,310	810
Other semi-finished shapes, not for re-rolling by makers			27,460
Structural shapes and piling	28,816	131	...
Plates	19,210	19,004	...
Rails	12,141	11,216	...
Tie plates and track material - Splice bars ..	31,581	29,817	...
Tie plates ...	110	42	...
Spikes	13	...	...
Concrete reinforcing bars	720	599	...
Hot rolled bars for cold finishing	7,351	6,275	...
Other hot rolled bars	742	...	855
Pipes and tubes	39,718	34,067	1,086
Wire rods	13,435	14,826	...
Hot rolled black sheets	25,089	23,773	234
Cold reduced black sheets	16,051	11,393	5,277
Galvanized sheets	13,522	10,413	1,384
Steel castings	6,804	7,711	...
Miscellaneous hot rolled products	4,441	4,620	...
All other products	26,250	3,371	24,758
Total - Carbon Steel	17,990	16,381	...
Total - Carbon Steel	267,559	196,949	61,864

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

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Alloy Steel</u>			
Billets, etc., for forging	298	402	...
Other semi-finished shapes, not for re-rolling by makers	2,091	...	2,091
Structural shapes and piling .....	...	...	...
Plates	10	38	...
Rails .....	...	...	...
Tie plates and track material - Splice bars ..	...	...	...
Tie plates ...	...	...	...
Spikes .....	...	...	...
Concrete reinforcing bars .....	...	...	...
Hot rolled bars for cold finishing .....	...	...	...
Other hot rolled bars	7,702	6,918	...
Pipes and tubes .....	...	...	...
Wire rods	9	1	...
Hot rolled black sheets .....	...	...	...
Cold reduced black sheets .....	...	...	...
Galvanized sheets .....	...	...	...
Steel castings	1,472	1,457	...
Miscellaneous hot rolled products	246	237	...
All other products	356	289	...
Total - Alloy Steel	12,184	9,342	2,091

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, Ten Months Ended October, 1949

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon Steel</u>			
Billets, etc., for forging	74,467	48,506	24,541
Other semi-finished shapes, not for re-rolling by makers	415,639	34,480	395,274
Structural shapes and piling	150,547	146,522	...
Plates	154,349	155,113	73
Rails	267,053	276,448	...
Tie plates and track material -			
Splice bars	14,466	14,426	...
Tie plates	34,334	34,374	...
Spikes	9,143	9,116	...
Concrete reinforcing bars	75,626	72,884	...
Hot rolled bars for cold finishing	9,672	23	9,485
Other hot rolled bars	424,563	367,717	59,477
Pipes and tubes	173,023	168,870	...
Wire rods	245,969	242,350	3,606
Hot rolled black sheets	191,420	136,817	58,639
Cold reduced black sheets	93,611	73,377	16,156
Galvanized sheets	81,405	81,980	66
Steel castings	69,962	68,000	...
Miscellaneous hot rolled products	280,141	36,289	246,085
All other products	186,918	182,077	1
Total - Carbon Steel	2,952,308	2,149,369	813,403

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

	Production		Shipments	
	(Including producers' interchange)		For sale	Producers' interchange
(Tons of 2,000 pounds)				
<u>Alloy Steel</u>				
Billets, etc., for forging	7,555		7,068	...
Other semi-finished shapes, not for re-rolling by makers	5,374		...	5,374
Structural shapes and piling .....	...		...	...
Plates	790		824	...
Hot rolled bars for cold finishing .....	...		...	... (*)
Other hot rolled bars	58,633		57,816(*)	164
Pipes and tubes .....	...		...	...
Wire rods	670		647	...
Steel castings	14,336		13,747	...
Miscellaneous hot rolled products	2,185		2,201	...
All other products	2,536		2,438(*)	3
Total - Alloy Steel	92,079		84,741	5,541

(*) Revised.

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

	O c t o b e r		Year to Date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Automotive industries	7,968	5,660	71,914	51,103
Agricultural, including farm machinery	10,533	29	92,897	320
Building construction	31,453	67	302,650	659
Containers industry	15,911	2	173,977	29
Machinery and tools	7,660	336	92,938	4,576
Merchant trade products	26,178	87	291,977	1,614
Mining, lumbering, etc.	5,799	630	63,800	5,741
National defence	524	3	1,342	19
Pressing, forming and stamping	13,669	33	114,081	617
Public works and utilities	1,735	89	16,138	476
Railway operating	34,041	71	308,485	1,810
Railway cars and locomotives	5,966	167	147,440	1,762
Shipbuilding	1,701	25	16,696	416
Miscellaneous and unclassified	1,081	173	10,873	1,190
Wholesalers and warehouses	29,722	159	287,889	3,041
Direct export (a) to British Empire ..	413	48	68,625	3,832
(b) to other countries ..	2,595	1,763	87,647	7,536
Total Shipped for Sale	196,949	9,342	2,149,369	84,741
Producers' interchange	61,864	2,091	813,403	5,541

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

Commodity	Country of Origin	O c t o 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	...	...
Malleable	United States	...	...	...	4,646	...	...
Silvery	United States	...	...	...	1,579	...	...
Charcoal	United States	...	...	...	117	...	...
Ingots	United States	63	41	...	31,306	124	...
Billets, blooms, slabs and sheet bars	United States	...	2	...	2,019	39	...
	United Kingdom	...	...	...	...	26	...
Tube rounds and tube billets	United States	300	...	...	4,054	...	...

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

Commodity	Country of Origin	O c t o 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	1,213	83	4.0	45,881	3,345	55.9	
	United Kingdom	27	...	4.1	739	1	51.2	
	Belgium	35	...	...	6,738	...	...
	Sweden	...	...	...	3	...	...
Hot rolled -								
For agricultural implements	United States	249	...	...	14,891	2,916	...
	Rounds over 4 $\frac{7}{8}$ ", squares over 4".	United States	61	4	...	1,183	186	.8
		United Kingdom	32
Angles, channels, etc.	Belgium	...	...	...	4	...	...
	United States	331	...	1.8	7,450	4	24.5	
	Belgium	15	...	...	2,429	...	...
Structurals (bar sizes) for agri- cultural implements	United Kingdom	...	...	...	621	...	...
	United States	38	...	...	8,329	1,168	...
	United States	79	...	...	1,760	...	...
Sash or casement sections	United Kingdom	22	...	...	133	...	...
	United States	286	1	.5	6,500	227	66.5	
Cold rolled, n.o.p.	United Kingdom	...	...	1.4	8	6	6.7
	Germany	...	...	...	...	4	...
	United States	534	...	...	6,593	54	...
Cold rolled, for agricultural implements	United States	8	28	...	100	407	...	
	United Kingdom	9	47	...	628	338	...	
	Belgium	...	...	...	2	...	...
Tool steel	United States	7,271	...	...	150,042	42	6.3
	United Kingdom	7	...	...	710	...	...
	Belgium	...	...	...	10,721	...	...
	France	...	...	...	83	...	...
Plates -								
78" and under in width	United States	1,462	6	8.4	36,140	304	230.0	
	United Kingdom	1,174	...	...	19,970	...	20.5
	Belgium	...	...	...	112	...	...
	Holland	...	...	...	107	...	...
Over 78" and under 100" in width ..	United States	280	...	...	14,985	36	73.7
	United Kingdom	94	...	...	12,581	1	1.8
100" in width and over	United States	117	...	...	6,079	1	17.4
	United Kingdom	...	...	...	280	...	19.3
Flanged, dished or curved	United States	74	...	.1	1,050	...	4.4
Boiler, pulp-mill digesters	United States	149	...	1.4	6,487	...	29.7	
	United Kingdom	...	...	...	288	...	...
Chequered or surface pattern	United States	155	...	...	6,694	...	...
Painted	United States	8	...	...	24	...	...
For saws	United States	...	...	...	...	1	...
For tubes	United States	...	...	...	1,058	...	...
Sheets -								
Silicon .075 or more	United States	...	624	...	...	16,392	...
	United Kingdom	...	...	...	...	415	...
Galvanized	United States	882	...	...	12,014	...	...
	United Kingdom	...	...	...	876	...	...
Hot rolled -								
18 gauge and heavier	United States	2,467	4	2.6	80,273	64	190.9	
	Belgium	...	...	...	876	...	...
	United Kingdom	...	...	2.1	153	...	125.6
Lighter than 18 gauge	United States	328	2	1.2	10,765	5	67.3	
	Belgium	...	...	...	284	...	...
	United Kingdom	...	...	...	157	...	6.4

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

Commodity	Country of Origin	O c t o 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	55	...	...	2,044	...	...
	United Kingdom	...	...	...	45	...	...
Corrugated	United States	268	...	...	3,709	...	...
	United Kingdom	...	...	...	10	...	...
Coated with paint, tar, asphaltum, etc.	United States	91	...	...	1,184	...	...
For saws	United States	36	46	...	99	490	...
	United Kingdom	...	...	...	...	12	...
For cold rolled strip	United States	26	...	...	1,419	...	...
Shaped for agricultural implements	United States	215	14	...	2,467	57	...
For tubes	United States	...	...	...	1,343	...	...
For galvanizing	United States	...	...	...	610	...	...
Cold rolled -							
18 gauge and heavier	United States	593	...	46.2	12,419	...	697.4
	United Kingdom	...	...	...	562	...	3.8
Lighter than 18 gauge	United States	2,137	...	67.4	33,442	18	1,021.2
	United Kingdom	...	...	...	1,628	...	.1
For hollow ware (vitreous enamel)	United States	1,095	...	...	13,058	...	...
	United Kingdom	...	...	...	1,663	...	...
Black plate - Tin mill	United States	13	...	...	6,659	...	...
Coated with paint, tar asphaltum, etc.	United States	38	...	...	599	...	...
For heating apparatus	United States	...	...	...	285	...	...
For saws	Sweden	...	2	...	...	11	...
	United States	...	2	...	...	4	...
For shoe and corset laces	United States	...	...	...	1	...	...
For tubes	United States	328	...	...	7,927	...	...
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	37	...	...	11,352	...	...
	United Kingdom	19	...	...	168	...	...
Electrolytic (25#)	United States	5	...	...	12,924	...	...
(50#)	United States	...	...	...	297	...	...
Waste waste	United States	...	...	...	9	...	...
Terne plate - Long	United States	425	...	...	4,343	...	...
Short	United States	47	...	...	3,655	...	...
Strip -							
Hot rolled -							
18 gauge and heavier	United States	927	...	.4	12,786	212	18.6
	Belgium	56	...	...	1,006	...	...
	United Kingdom	87	...	...	397	...	...
Lighter than 18 gauge	United States	49	...	.3	1,463	...	6.4
For cold rolling	United States	392	...	...	5,086	...	...
Painted	United States	121	...	...	2,962	...	...
For shoe and corset laces, buckles, ball bearings, etc. ...	United States	16	...	...	764	...	...
For saws	United States	20	21	...	233	216	...
For motor vehicles	United States	997	...	...	11,838	80	...
For hoops	United States	59	...	...	1,720	...	...
For tubes	United States	...	...	...	403	...	...
For tubular products	United States	24	...	...	129	...	...

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

Commodity	Country of Origin	O c t o b e r			Year to Date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Strip - (concluded)							
Hot rolled -							
Silicon .075 or more	United States	...	226	...	...	3,491	...
Cold rolled -							
18 gauge and heavier	United States	647	4	17.0	4,362	49	217.0
	United Kingdom	...	...	...	63	4	...
Lighter than 18 gauge	United States	484	2	58.7	5,629	28	947.6
	Sweden	27	...	...	148	...	.1
	United Kingdom	...	...	...	82	...	...
Painted	United States	79	...	...	785	...	...
For shoe and corset laces, buckles, ball bearings, etc. ...	United States	26	...	...	461	...	...
For saws	United States	...	18	...	5	74	...
	Sweden	...	...	...	...	62	...
For tubes	United States	...	...	...	1,453	...	...
For tubular products	United States	250	...	.5	1,280	...	1.0
For butt hinges	United States	28	17	...	1,024	17	...
	Sweden	...	...	...	1	...	...
Silicon .075 or more	United States	...	23	...	...	1,017	...
Galvanized strip	United States	421	...	...	6,387	...	...
Skelp -							
15 $\frac{3}{8}$ " and under in width	United States	3,372	...	...	89,180	...	...
	Belgium	...	...	...	27,403	...	...
Over 15 $\frac{3}{8}$ " in width	United States	301	...	...	6,329	...	...
Pipes and Tubes -							
Cast	United States	13	...	...	115	...	...
	United Kingdom	695	...	...	3,524	...	...
Bedstead	United States	...	...	...	56	...	...
Repair of pressure parts of boilers -							
Hot finished	United States	734	...	...	11,931	345	...
	United Kingdom	78	8	...	803	8	...
Cold drawn	United States	2	...	...	1,351	55	6.2
	United Kingdom	...	...	...	366	...	...
Welded	United States	103	...	...	2,478	...	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	708	42	14.5	6,753	318	167.4
	United Kingdom	10	...	2.6	431	4	17.0
	Sweden	...	...	...	2	...	...
Hot finished	United States	232	15	...	4,861	293	...
Seamless, over 12" in diameter -							
Hot finished	United States	76	...	...	1,417	10	...
	United Kingdom	836	...	...	5,658	...	...
Welded, 4" and under in diameter ..	United States	638	1	.8	20,133	1	18.7
	United Kingdom	522	...	...	3,239	...	2.4
	Occupied Japan	...	...	...	43	...	...
	Belgium	1	...	...	89	...	...
Welded, over 4" in diameter	United States	151	...	...	4,297	...	.1
	United Kingdom	...	...	...	9	...	...

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

Commodity	Country of Origin	O c t o b e r			Year to Date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pipes and Tubes - (concluded)							
Tubing -							
Not over $\frac{1}{2}$ " diameter, welded and coated	United States	26	...	...	261	...	...
Casings	United States	3,488	...	...	47,232	...	...
	France	...	...	...	472	...	...
	United Kingdom	21	...	...	21	...	...
Fittings and couplings	United States	328	...	1.2	2,087	...	11.7
	United Kingdom	3	...	...	3	...	...
Wire rope	United States	50	...	...	342	...	.8
	United Kingdom	24	...	...	158	...	...
Wire -							
For wire rope	United States	906	...	...	13,675	...	.5
	United Kingdom	63	...	...	289	...	...
For corset laces, steels, etc.	United States	...	...	...	97	...	...
	United Kingdom	...	...	...	7	...	...
For spring mattress, etc.	United States	60	...	...	2,599	...	...
For fencing, galvanized	United States	34	...	...	1,116	...	...
Wire cloth and netting	United States	113	...	...	2,115	...	2.3
	United Kingdom	17	...	...	54	...	...
Wire, coated	United States	57	...	...	920	...	...
	United Kingdom	6	...	...	8	...	...
Wire -- All other	United States	518	...	1.8	8,329	7	61.9
	United Kingdom	...	...	...	1	...	...
	Germany	...	...	...	2	...	...
	France	...	...	...	1	...	...
Wire rods, not over $\frac{3}{8}$ " in diameter ..	United States	884	...	...	7,652	...	...
Welding wire and welding rods	United States	46	4	9.5	2,183	196	104.1
Castings -							
For agricultural implements	United States	148	...	...	1,743	...	...
For ingot moulds	United States	525	...	...	22,727	...	...
Malleable	United States	12	...	...	347	...	...
	United Kingdom	2	...	...	2	...	...
Non-malleable	United States	149	...	...	1,398	...	...
Steel	United States	9	6	...	2,200	69	.6
For railway vehicles	United States	22	...	...	1,204	...	...
Rolls	United States	97	101	...	1,709	667	...
	United Kingdom	...	17	...	8	38	...
Piston rings (rough)	United States	81	...	...	269	...	...
Forgings	United States	142	69	...	1,046	573	.4
	United Kingdom	21	32	...	404	451	...
Axles - For railway vehicles	United States	...	...	...	261	...	...
Wheels -							
For railway rolling stock	United States	48	...	...	1,309	...	...
	United Kingdom	937	...	...	6,985	...	...
Tires -							
For railway rolling stock	United States	157	...	...	4,786	...	...
	United Kingdom	237	...	...	2,407	...	...

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

Commodity	Country of Origin	O c t o b e r			Year to Date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Rails -							
60 lb. and under	United States	...	...	...	248	...	...
Over 60 lb. and including 100 lb. .	United States	2	...	...	1,210	...	...
Over 100 lb.	United States	54	...	...	307	...	...
Grooved for electric tramways	United States	...	...	...	266	...	...
Track material -							
Angles, bars, tie plates, rail joints	United States	21	...	...	865	...	...
	United Kingdom	...	...	...	48	...	...
Intersections, switches, frogs	United States	9	...	...	114	...	...
<hr/>							
Total Imports	United States	40,620	1,406	238.3	970,472	33,602	4,060.3
	All other	5,045	106	10.2	117,313	1,381	254.9
<hr/>							
TOTAL		45,665	1,512	248.5	1,087,785	34,983	4,315.2

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

	October	Year to Date
(Tons of 2,000 pounds)		
Pig iron	1,474	2,595
Ingots, blooms and billets	23	50,418
Bars	4,254	16,416
Rods	15	307
Plates, sheets and strips	243	14,068
Rails .....	...	64,722
Structural shapes	356	9,390
Pipe and tubing - Wrought iron	1	388
Cast iron	60	787
Galvanized	159	15,035
Other	75	433
Castings, iron and steel	598	7,521
Forgings	29	581

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