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MC28 Vol.5-No.6 PRIMARY IRON AND STEEL

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JUNE - 1950

Pig iron - Production of pig iron in Canada amounted to 198,462 tons in June compared with 194,255 tons in the corresponding month of last year. The total for the current month included 153,962 tons of basic iron, 18,385 tons of foundry iron and 26,115 tons of malleable iron.

Ferro-alloys - Output of ferro-alloys in June amounted to 15,350 tons compared with 12,707 tons in the previous month and with 19,264 tons in June of a year ago. The following alloys were produced: ferrosilicon, silicomanganese, ferro-manganese, ferro-chrome, chrom-x and ferrophosphorus.

Steel ingots and castings - Production of steel ingots and steel castings during June totalled 276,423 tons compared with 270,455 tons in June of last year. Output in the month under review included 269,816 tons of ingots and 6,607 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During May and June, 1950

	Мау			June		
	For own use	For sale	Total	For own use	For sale	Total
			(Net tons of	2,000 pounds)		
Pig iron -						
Basic	143,278	3,507	146,785	141,604	12,358	153,962
Foundry	230	22,259	22,489	85	18,300	18,385
Malleable		26,619	26,619		26,115	26,115
Total Pig Iron	143,508	52,385	195,893	141,689	56,773	198,462
Ferro-alloys	4 + 0	12,707	12,707		15,350	15,350

Table 2 - Cumulative Production for the Six Months Ended June, 1949 and 1950

		1949			1950		
	For own	For sale	Total	For own use	For sale	Total	
			(Net tons of	2,000 pounds)			
Pig iron -							
Basic	891,281	42,347	933,628	829.499	27.846	857.345	
Foundry	2,429	111,616	114,045	1,167	105.217	106.384	
Malleable	***	87,398	87,398	223	138,238	138,461	
Total Pig Iron	893,710	241,361	1,135,071	830,889	271,301	1,102,190	
Ferro-alloys		130,444	130,444		79,454	79,454	

Table 3 - Iron Blast Furnace Charges During May and June, 1950 and Six Months Ended June, 1950

	May	June	Six months ended June
		(Net tons of 2,0	00 pounds)
Iron ore	349,115	346,443	1,988,351
Mill cinder, scale, sinter, etc	32,937	46,734	197,178
Limestone	74,145	71,696	408,109
Dolomite	12,548	11,915	75,698
Coke	184,488	177,453	1,035,292
Scrap iron and steel	8,559	9,928	44,336

Table 4 - Iron Blast Furnaces

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
anadian 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 June, 1950

	Number of	Total annua	Total annual capacity		
Condition of furnaces	furnaces	Net tons	Per cent		
In blast	11	2,386,950	86.9		
Banked	3	358,050	13.1		
Total	14	2,745,000	100.0		

(b) Steel Ingots and Steel Castings

Table 6 - Production During May and June, 1950

		Мау			June	
	For own	For sale	Total	For own use	For sale	Total
			(Net tons of	2,000 pounds)		
Steel Ingots						
Open hearth - Basic	223,679	15,808	239,487	210,812	14,767	225,579
Blectric	37,060	7,265	44,323	37,227	7,010	44,237
Total Steel Ingots	260,759	25,071	285,810	248,039	21,777	269,816
Alloy steel ingots						
included in above	19,366	• • •	19,366	11,767	* * *	11,767
Steel Castings						
Open hearth - Basic	190	1.237	1,427	186	1,148	1,334
Converter		10	10	1	37	38
Electric	1,455	4,206	5,659	1,282	5,953	5,235
Total Steel Castings	1,645	5,453	7,096	1,469	5,138	6,607
Alloy steel castings						
included in above	750	1,097	1,827	772	866	1,638
TOTAL INGOTS AND CASTINGS	262,582	28,524	290,906	249,508	26,915	276,423

Table 7 - Cumulative Production for the Six Months Ended June, 1949 and 1950

	1949				1950		
	For own	For sale	Total	For own	For sale	Total	
			(Net tons of	2,000 pounds)			
Steel Ingots							
Open hearth - Basic	1,338,639	77,625	1,416,264	1,318,506	72,975	1,391,481	
Electric	200,970	1,250	202,220	217,298	41,286	258,584	
Total Steel Ingots	1,539,609	78,875	1,618,484	1,535,804	114,261	1,650,065	
Alloy steel ingots							
included in above	75,455		73,453	98,277	• • •	98,277	
Steel Castings							
Open hearth - Basic	1,214	15,275	16,489	1,071	8,953	10,024	
Converter	9	51	60	5	57	62	
Blectric	7,538	33,470	41,008	7,654	21,219	28,875	
Total Steel Castings	8,761	48,796	57,557	8,750	30,229	38,959	
illoy steel castings							
included in above	5,143	5,363	8,506	3,901	5,593	9,494	
TOTAL INGOTS AND CASTINGS	1,548,370	127,671	1,676,041	1,544,534	144,490	1,689,024	

Table 8 - Pig Iron and Scrap Charged to Steel Furnaces During May and June, 1950, and Six Months Ended

	May	June	Six months ended June
		(Net tons of 2,	000 pounds)
Pig iron	148,107	138,521	831,434
Scrap - Own make	85,908	82,352	496,319
Purchased	81,687	78,932	483,036

Table 9 - Steel Furnace Capacity at end of June, 1950

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth Electric	3,024,000 648,500
Total Ingots	5,672,500
Steel castings	303,600
Total Ingots and Castings	3,976,100

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1949 and 1950

				Steel	
Nonth	Pig iron	Ferro- alloys	Ingots	Castings	Total steel
		(Net to	ons of 2,000 p	ounds)	
1949				1000	
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
lugust	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
Vovember	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
1950					
January	190,432	9,961	283,894	6.055	289,949
ebruary	157,200	9,652	251,890	6,233	258,125
March	174,944	17,157	287,719	6,584	294,503
April	185,259	14,627	272,936	6,384	279,320
lay	195,893	12,707	285,810	7,096	290,906
June	198,462	15,350	269,816	6,607	276,423
Total - Six Months	1,102,190	79,454	1,650,065	38,959	1,689,024

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 248,322 net tons in June, 1950 compared with 248,789 tons in May, 1950. The June shipments included 6,264 tons of semi-finished shapes, 11,500 tons of structurals, 12,089 tons of plates, 27,610 tons of rails, 9,905 tons of tie plates and track material, 46,951 tons of hot rolled bars, 25,429 tons of pipes and tubes, 23,803 tons of wire rods, 24,281 tons of black sheets, 8,321 tons of galvanized sheets, 6,498 tons of castings, and 12,660 tons of other rolled products. The amount of producers' interchange was 123,338 tons in June as against 128,356 tons in May, 1950.

Of the amounts shipped for sale during June, 48,659 tons went direct to railways and railway car shops; 13,287 tons went to pressing, forming and stamping plants; 51,422 tons to merchant trade products; 32,293 tons to building construction; 24,406 tons to the containers industry; 10,727 tons to agricultural equipment; 16,658 tons to the automotive industry; 9,789 tons to machinery plants; 1,388 tons to shipbuilding; 15,539 tons to mining, lumbering, etc., and 1,124 tons to miscellaneous industries; wholesalers and warehousing accounted for 26,472 tons, and exports for 15,221 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 123,338 tons in June, 1950.

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, June, 1950

			Shipments	
	(Including producers'	For	Producers!	
	interchange)	sale	interchange	
	(Tons of 2	,000 pounds)		
Carbon Steel				
illets, etc., for forging	13,290	6,131	8,382	
ther semi-finished shapes, not for re-rolling		· ·		
by makers	33,939	6,264	29,328	
tructural shapes and piling	12,306	11,500		
lates	11,271	11,930	27	
ils	27,362	27,610		
e plates and track material: Splice bars	2,964	3,116		
Tie plates	5,483	5,374		
Spikes	1,347	1,415		
ncrete reinforcing bars	6,090	8,244		
t rolled bars for cold finishing	1,918	4	1,889	
her hot rolled bars	46,126	38,973	8,702	
pes and tubes	24,894	25,429	4	
re rods	24,838	23,708	31	
t rolled black sheets	57,652	12,001	45,474	
ld reduced black sheets	16,693	12,280	2,143	
lvanized sheets	7,881	8,321		
eel castings	4,636	4,645		
scellaneous hot rolled products	36,061	4,216	27,331	
l other products	25,638	25,977	3	
Total - Carbon Steel	360,389	237,134	123,314	
Alloy Steel				
llets, etc., for forgingther semi-finished shapes, not for re-rolling	433	507	• • •	
by makers				
ructural shapes and piling	* * *			
ates	116	159	* * *	
ils	b 0 0	* * *	• • •	
e plates and track material - Splice bars	0 0 0		***	
Tie plates				
Spikes ,	9 0 0			
mcrete reinforcing bars				
ot rolled bars for cold finishing				
her hot rolled bars	6,206	7,978	24	
pes and tubes	* * *	* * *		
re rods	83	95		
t rolled black sheets				
ld reduced black sheets		• • •		
lvanized sheets	***			
eel castings	1,871	1,853		
scellaneous hot rolled products	276	200		
1 other products	409	396	***	
Total - Alloy Steel	9,394	11,188		

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 galvanising department, hot rolled bars to make railway track material, etc.

Table 12 - Production and Producers' Shipments of Primary I. on and Steel Shapes, Six Months Ended June,

	Production	Shi	pments
	(Including producers'	For	Producers
	interchange)	sale	interchang
	(Tons of	2,000 pounds)	
Carbon Steel			
Billets, etc., for forging	79.848	28,816	50,270
Other semi-finished shapes, not for re-rolling	,	60,020	00,210
by makers	203,823	34,509	164,100
Structural shapes and piling	75,383	67,965	201,200
Plates	79,736	80,957	27
Rails	174,458	176,260	
Tie plates and track material - Splice bars	11,504	11,528	
Tie plates	26,804	26,053	
Spikes	8,461	8,895	
Concrete reinforcing bars	42,242	41,898	4 4 4
lot rolled bars for cold finishing	6,612	68	6 524
Other hot rolled bars	248,784		6,524
Pipes and tubes		206,145	44,180
ire rods	122,565	112,883	9
ot rolled black sheets	143,865	144,023	291
old reduced black sheets	309,060	67,558	239,706
	89,884	79,922	11,258
alvanized sheets	48,366	48,832	
teel castings	28,017	25,888	* * * *
iscellaneous hot rolled products	185,394	22,032	155,949
ll other products	125,965	124,977	7
Total - Carbon Steel	2,010,771	1,309,209	672,321
Alloy Steel	THE LEWIS LAND		
illets, etc., for forging	3.813	5,526	***
ther semi-finished shapes, not for re-rolling	*	,	
by makers	3.521		5,521
tructural shapes and piling	* * *		•••
lates	923	811	
ot rolled bars for cold finishing			
ther hot rolled bars	46.069	44,529	233
ipes and tubes	***	44,000	
ire rods	428	425	
teel castings	10,306	9,722	* * *
iscellaneous hot rolled products	1,180	1,150	
11 other products	1,381	1,398	2
Total - Alloy Steel	67,621	61,561	3,756

Table 13 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal

Consuming Industries, June and Year to Date, 1950

	Ju	ne	Year to date		
	Carbon	Alloy	Carbon	Alloy	
	steel	steel	steel	steel	
		(Tons of 2,	,000 pounds)		
lutomotive industries	9,713	6,945	52,729	40,578	
gricultural, including farm machinery	10,556	171	64,549	573	
Building construction	32,214	79	168,981	370	
containers industry	24,403	3	117,461	12	
achinery and tools	9,115	674	52,643	3,841	
erchant trade products	31,075	347	176,456	1,499	
ining, lumbering, etc	14,761	778	65,147	3,973	
ational defence	337	3	2,425	55	
ressing, forming and stamping	13,169	118	98,769	518	
ublic works and utilities	962	35	6,491	305	
ailway operating	43,235	139	247,267	979	
ailway cars and locomotives	5,174	111	19,585	473	
hipbuilding	1,371	17	16,099	146	
iscellaneous and unclassified	996	128	6,056	633	
holesalers and warehouses	26,241	231	140,369	759	

Table 13 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal
Consuming Industries, June and Year to Date, 1950 (Concluded)

	Ju	ne e	Year to date			
	Carbon	Alloy	Carbon	Alloy		
	(Tons of 2,000 pounds)					
Direct export (a) To British Empire (b) To other countries	470 13,342	99 1, 31 0	9,013 65,169	231 6,616		
Total Shipped for Sale	237,134	11,188	1,309,209	61,561		
Producers' interchange	123,314	24	672,321	3,756		

Table 14 - Imports of Primary Forms of Iron and Steel, June, 1950 and Tear to Date Year to date June Stain-Stain-Commodity Country Alloy Carbon Alloy Carbon less less of origin (Tons of 2,000 pounds) Pig iron -Netherlands 56 Basic 167 United States 56 United Kingdom . . . United States Foundry 2,923 United Kingdom United States 230 Malleable Silvery United States 0 0 0 Charcoal United States United States 346 346 Special United States 123 21 558 141 Ingots . . . 87 10 27 1.4 Billets, blooms, slabs and sheet bars United States 112 Belgium 302 828 Tube rounds and tube billets United States Bars and sections -86.7 2,310 222 3.2 14,084 935 United States Hot rolled, n.o.p. 58 31 6.0 324 72 65.4 United Kingdom 1,784 Belgium 1,101 Sweden Hot rolled -54 4 1,592 4 For agricultural implements United States . . . United Kingdom 36 Rounds over 4 7/8", squares over .2 United States 2 430 59 18 . . . 57 1 112 5 .7 United Kingdom . . . Belgium9 929 2 18.9 United States 284 Angles, channels, etc. 11 Germany 412 Belgium 145 2 United Kingdom ... Structurals (bar sizes) for agri-20 381 United States cultural implements 85 712 Sash or casement sections United States . . . 11 Belgium 2 69 United Kingdom 320 35 2.7 1,800 75 16.6 United States Cold rolled, n.o.p. United Kingdom 203 1.1 366 1 13.2 . . . Germany Cold rolled, for agricultural United States 512 3,460 125 implements 72 205 Tool steel United States 34 30 . . . 76 24 722 178 United Kingdom Austria 2 1 Sweden 65,727 9,162 3.7 1.1 Structurals United States 4,318 1,132 United Kingdom 1,467 Belgium 2,355

France

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Table 14 - Imports of Primary Forms of Iron and Steel, June, 1950 and Year to Date (Continued)

Compadity	Carmeter		June	Stain-		ar to da	Stain-
Commodity	Country of origin	Carbon	Alloy	less	Carbon	Alloy	less
			(Tons of 2	,000 pound	8)	
Plates -		0.055		0	0 500	= .	385.0
78" and under in width	United States	2,637	1	23.2	6,589	34	135.8
	United Kingdom	3,055		12.3	5,769	4	30.0
	Belgium	254			254	* * *	
	Germany	21			21	008	22.0
Over 78" and under 100" in width	United States	1,886		3.2	5,367	283	11.6
	United Kingdom	4,034	0.4.0	D a 0	8,810	5	.2
100" in width and over	United States	270			1,419		
	United Kingdom	31			67		
Flanged, dished or curved	United States	122		.2	740		.2
Boiler, pulp-mill digesters	United States	457			1,842		9.0
Cl l	United Kingdom	405		* * *	1 029		
Chequered or surface pattern	United States	495	* * *	* * *	1,928		
	United Kingdom	2.4		* * *	104		
Painted	United States	14	0.00		20		
For saws	United States				* * *		
For tubes	United States						
Sheets -	United Ctotos		1 000			11,188	
Silicon .075 or more	United States		1,888		* * *	871	
Calmandand	United Kingdom	1 117			E %78		* * *
Galvanized	United States	1,117	* * *		5,378		• • •
Hot rolled -	United Kingdom	336	* * *		4,212		• • •
18 gauge and heavier	United States	6,226	1	60.1	20,422	16	201.1
	Germany						
	Belgium	82		* * *	333		000
	United Kingdom	305		44.6	869		272.0
Lighter than 18 gauge	United States	227	0.0.0	27.9	988	5	120.3
	Belgium				2 253		200 2
	United Kingdom	286	1	5.1	1,151	1	13.1
For hollow ware (vitreous enamel)	United States	53			175		
	United Kingdom		* * *		0.00		
Corrugated	United States	234	* * *	* * *	2,199		
	United Kingdom				26		* * *
Coated with paint, tar, asphaltum,	** * * * * * * * * * * * * * * * * * * *	2.0			3.0		
etc	United Kingdom	12	4 0 4		16		* * *
	United States	466		* * *	1,081	2007	* * *
For saws	United States	18	42		109	297	0.0
	United Kingdom	• • •	5		3.00	14	
For cold rolled strip	United States	55	2.4	* * *	129		
Shaped for agricultural implements	United States	96	14	* * *	616	60	
For tubes	United States	• • •		* * *			
18 gauge and heavier	United States	1,164		193.6	4,049		749.3
	United Kingdom			.1	51		.1
Lighter than 18 gauge	United States	2,213		121.9	10,956		654.1
	United Kingdom				84		7.7
For hollow ware (vitreous enamel)	United States	1,037			4,821		
	United Kingdom	158			460		
Black plate - Tin mill	United States				171		
Coated with paint, tar, asphaltum,	United States	ΑE			165		
etc	United States	45			161		* * *
For heating apparatus	United States	14		* * *			
For saws	Sweden	+ + B	2	* * 4	1	5 14	* * *
Described on Learning Transport	United States	* * *					* * *
For shoe and corset laces	United States	756	* • •		2 924	* * *	* * *
For tubes	United States	356			2,824		
For tubular products	United States						* * *
For butt hinges	United States	* * *		* * *		* * *	
Black plate - For tinning Sheets, hot rolled for conversion	United States		* * *				* * *
to tin plate	United States					0.00	
Slabs for conversion to tin plate	United States						

Over 15 5/8" in width

Table 14 - Imports of Primary Forms of Iron and Steel, June, 1950 and Year to Date (Continued) Year to date June Stain-Country Stain-Commodity Carbon Alloy Carbon Alloy less less of origin (Tons of 2,000 pounds) Sheets (Concluded) -Tin plate--Primes 133 United States 128 United Kingdom 56 Electrolytic (25#) 20 118 United States . . . (50#) United States United States Waste waste 2,754 United States 304 Terne plate--Long 8 United Kingdom 8 782 United States 143 Short Strip -Hot rolled -2.5 18 gauge and heavier Sweden 31 France 5.8 5,808 84 27.5 United States 1,140 - 1 Belgium 273 496 820 11.5 144 11.5 3 United Kingdom . . . 883 124.2 185 9.9 Lighter than 18 gauge United States . . . 1 United Kingdom 726 1,149 United States For cold rolling 241 2,249 Imited States Painted 11 United Kingdom For shoe and corset laces, 322 16 United States buckles, ball bearings, etc. United States 17 41 176 For saws 13 United Kingdom 2 2 Sweden . . . 8,439 1,511 For motor vehicles United States 72 609 United States For hoops United Kingdom 77 360 United States For tubes 121 For tubular products United States United States - 4 For butt hinges Silicon .075 or more 224 1,905 United States Cold rolled -25 40 .1 .1 18 gauge and heavier United Kingdom United States 302 1 22.2 1.790 29 174.7 19 Belgium2 Sweden 106 2,543 665.5 Lighter than 18 gauge United States 469 3 154 38 Sweden 71 124 1.0 United Kingdom 1,463 Painted United States 462 . . . 21 Germany For shoe and corset laces, buckles, ball bearings, etc. .. United States 47 179 5 United Kingdom United States 42 For saws 10 Sweden 4 1,881 United States 145 . 3 For tubes 59 559 For tubular products United States 489 For butt hinges United States 114 Sweden 667 Silicon .075 or more United States 43 57 For hoops United States United States 5.335 620 Galvanized strip United Kingdom 50,717 6,892 15 3/8" and under in width United States 4,380 7,526 United Kingdom 253 12,507 Belgium . . .

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5,516

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1,725

United States

Table 14 - Imports of Primary Forms of Iron and Steel, June, 1950 and Year to Date (Continued)

0	County		June	Stain-	Year to date		
Commodity	Country of origin	Carbon	Alloy	less	Carbon	Alloy	Stain-
			(Tons	of 2,00	0 pounds)		
Pipes and tubes -							
Cast	United States	24		.1	104		.1
	United Kingdom	1,904			6,385		
Bedstead	United States	41			138		
Repair of pressure parts of boilers-							
Hot finished	United States	382	24	.2	1,331	137	1.7
	United Kingdom	238			387		* * *
Cold drawn	United States	79	1		845	58	
	United Kingdom	2			63		
Welded	United States	117		.8	381		.8
Repair of pulp mill digesters -							
Hot finished	United States	0 0 0					
Cold drawn	United States						
Seamless, 12" and under in diameter-	ons on Boards		• • •		• • •		* * *
	United States	380	28	9.5	2,407	82	77.0
Cold drawn	United Kingdom	61		5.9	209	9	21.0
Wat Oudabad	Sweden	722	820		2 254	1 107	* * *
Hot finished	United States	322	329	* * *	2,254	1,197	. 3
	United Kingdom	821			3,903		
Seamless, over 12" in diameter -		700			550		00.3
Hot finished	United States	182			559	52	28.
	United Kingdom	2,203	* * *	* * *	4,788		
Welded, 4" and under in diameter	United States	580		1.2	5,182	1	16.
	United Kingdom	830			2,533	* * *	
	Occupied Japan						
	Belgium						
Welded, over 4" in diameter	United States	26,490		.9	61,232	11	1.0
	United Kingdom	35			892		
Tubing -							
Not over and diameter, welded and							
coated	United States	50			215		
Special welded	United States	258			802		
Casings	United States	2,335			15,028		
OGDINGO	France						
	United Kingdom				614		
Fittings and couplings	United States	336		.9	1,246		19.8
riccings and comparings	United Kingdom	12			15		
	onitood ningdom	-					
	77 (4) (744	49		1.0	245		2
Wire rope	United States	43		1.0	345		2.3
	United Kingdom	77			219		
	Germany		o u 4	7 0 0	27		* * *
Wire for rope	United States	621		1.0	3,876	* * *	1.
	United Kingdom	850			3,729		
Wire -							
For corset laces, steels, etc	United States	9			49		
	United Kingdom				4		
For spring mattress, etc	United States	124			1,208		
,	United Kingdom	1			1		
For fencing, galvanized	United States				1		
Wire cloth and netting	United States	114		.4	351	4	7.
atto ofour and monthly sees sees sees	United Kingdom	21			177		
Wire, coated	United States	7			251		
TIO, COROCC FIFTH FIRST FRANCE CONTRACTOR OF THE	United Kingdom						
Fine all other	United States	465	4	4.2	2,193	19	21.
Wire, all other	United Kingdom	3			25		
	_	1			2		
	Germany		4 4 4		1	* * *	
W4	Sweden	* * *					
Wire rods, not over 3/8" in diameter.	United States	* * *		0 0 0	158	* * *	* *
	Germany	* * *	* * *		54		
	Sweden				23	* * *	* *
	France		4 4 4		100		
	77 - 7 - 4	272			832		
Welding wire and welding rods	Belgium United States	272 70	10	5.2	317	124	42.4

Primary Iron and Steel

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Table 14 - Imports of Primary Forms of Iron and Steel, June, 1950 and Year to Date (Concluded)

Commodity			June		Year to date		
	Country of origin	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
			(To	ns of 2,0	00 pounds		
Castings -							
For agricultural implements	United States	170			1,032	* * *	
For ingot moulds	United States	2,101			9,059		
Malleable	United States	33	* * *		210		
Non-malleable	United States	52			1.164		
Steel	United States	15	13		174	69	1.
	Norway				84		7.0
	United Kingdom	1		* * *	1	* * * *	
For railway vehicles	United States	25			192		
Rolls	United States	156	51		881	361	
	United Kingdom				26	177	
Piston rings (rough)	United States	10			150		
120011 121160 (104611)	0112000 000000	10	* * *	• • •	150		0 0 0
Forgings	United States	73	11		601	222	
	United Kingdom	129	343		451	572	
xles - For railway vehicles	United States	3			51		
Theels - For railway rolling stock	United States	34			199		
	United Kingdom	424			2,525		
ires -					2,000	* * *	
For railway rolling stock	United States	27			348		
	United Kingdom	83			1,059		• • •
Rails -	onitoda Mingdom			* * *	1,000	• • •	
60 lb. and under	Belgium	141			141		
or to, and and the second second	United States	19			53		• • •
Over 60 lb. and including 100 lb	United States	145		* * *	598		
Over 50 15. and including 100 10.				* * #			0.0.4
Over 100 lb	United Kingdom	2,756			2,756	* * *	
	United States	5		* * *	18		
Grooved for electric tramways	United States						
rack material -							
Angles, bars, tie plates, rail	D 2 :				-		
joints	Belgium	5	* * *		5		
	United States	125			752		
	United Kingdom	506			506		
Intersections, switches, frogs	United States	5			70		* * •
Total Imports	United States	84,041	3,023	605.3	369,459	18,707	3272.9
	All other	29,516	591	82.7	90,513	1,942	445.7
TOTAL	-	113,557	3,614	688.0	459,972	20,649	3668.6

	June	Year to date	
	(Tons o	(2,000 pounds)	
Pig iron	22,323	86,206	
Ingots, blooms and billets	14,598	56,285	
Bars	506	7,551	
Rods	1 0 0	54	
Plates, sheets and strips	3,399	13,055	
Rails	• • •	11,119	
Structural shapes	94	985	
Pipe and tubing - Wrought iron	83	236	
Cast iron	45	811	
Galvanized	1,195	4,535	
Other	3	124	
Castings, iron and steel	2,112	5,268	
Forgings	59	352	