

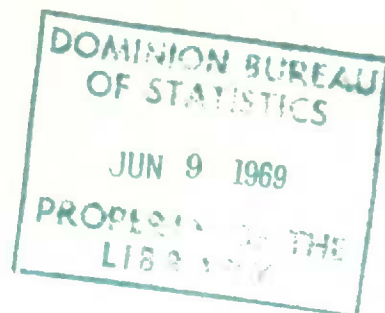
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# PRIMARY IRON AND STEEL

## MARCH 1969

*Published by Authority of*  
The Minister of Industry, Trade and Commerce

**DOMINION BUREAU OF STATISTICS**  
Manufacturing and Primary Industries Division

May 1969  
6506-707

Price: 30 cents  
\$3.00 a year

Vol. 24—No. 3

### SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

.. figures not available.

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- nil or zero.

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P preliminary figures.

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x confidential to meet secrecy requirements  
of the Statistics Act.

### NOTE

The terms Shipments, Net Shipments, used throughout this publication refer to producers' shipments.

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TABLE 1. Pig Iron Capacity, December 31, 1968

	In blast or in use		Banked, blown out or idle	
	Furnaces	Annual capacity	Furnaces	Annual capacity
	No.	net tons	No.	net tons
Blast furnaces .....	15	9,005,000	2	332,000
Electric furnaces .....	11	575,000	-	-
Totals .....	26	9,580,000	2	332,000

TABLE 2. Iron Blast Furnaces Charges(1)

	March 1969	Three months ended March 1969
	net tons of 2,000 pounds	
<u>Crude iron ore</u>		
From Canadian mines .....	33,610	83,940
From foreign mines .....	32,005	96,406
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.)</u>		
From Canadian mines .....	721,210	2,002,350
From foreign mines .....	189,225	536,461
From own processing .....	115,349	305,892
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	28,216	67,947
Scrap iron and steel .....	10,990	30,820
Limestone .....	76,942	213,415
Dolomite .....	37,685	109,033
Coke .....	400,998	1,121,456

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys

	1968		1969	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
March	net tons of 2,000 pounds			
<u>Pig iron</u>				
Basic .....	680,022	5,371	667,803	4,120
Foundry (including silvery pig)(2) .....	48,438	12,414	55,218	19,720
Malleable .....	45,690	11,399	45,809	15,143
Total pig iron .....	774,150	29,184	768,830	38,983
Ferro-alloys .....	14,104	14,235	17,506	20,062
Stocks of pig iron on hand at end of month ....	385,527		288,014	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 3A. Production and Shipments of Pig Iron and Ferro-alloys

	1968		1969	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
Three months ended March	net tons of 2,000 pounds			
<u>Pig iron</u>				
Basic .....	1,850,845	18,123	1,900,278	13,683
Foundry (including silvery pig)(2) .....	137,975	33,468	162,546	60,051
Malleable .....	77,716	39,108	62,446	48,311
Total pig iron .....	2,066,536	90,699	2,125,270	122,045
Ferro-alloys .....	43,200	42,393	48,357	55,452

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Steel Furnace Capacity, December 31, 1968

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth .....	6,970,000
Electric .....	1,923,650
Basic oxygen furnace .....	3,800,000
Total ingots .....	12,693,650
Steel castings .....	420,725
Total ingots and castings .....	13,114,375

TABLE 5. Pig Iron and Scrap charged to Steel Furnaces

	March		Three months ended March	
	1968	1969	1968	1969
	net tons of 2,000 pounds			
Pig iron .....	661,685 <sup>r</sup>	662,677	1,784,325 <sup>r</sup>	1,869,371
Scrap - Own make .....	278,448	321,327	797,420	897,096
Purchased .....	190,378 <sup>r</sup>	186,079	544,261 <sup>r</sup>	562,791
Total pig iron and scrap .....	1,130,511	1,170,083	3,126,006	3,329,258

TABLE 6. Production and Shipments of Steel Ingots and Castings

	1968		1969	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>March</u>				
<u>Steel ingots (both carbon and alloy)</u>				
<u>(including continuous cast steel)</u>				
Basic open hearth .....	866,195	11,628	886,725	13,099
Electric .....	120,779	17,328 <sup>r</sup>	140,042	21,171
Basic oxygen furnace .....	(2)	(2)	(2)	(2)
Total steel ingots .....	986,974	28,956 <sup>r</sup>	1,026,767	34,270
Continuous cast steel included in above .....	84,112 <sup>r</sup>	x	100,783	x
Alloy steel ingots included in above .....	69,498	x	86,562	x
<u>Steel castings (both carbon and alloy)</u>				
Basic open hearth .....	-	-	-	-
Electric .....	12,265	11,853	13,398	14,316
Basic oxygen furnace .....	-	-	-	-
Total steel castings .....	12,265	11,853	13,398	14,316
<u>Alloy steel castings included in above</u>				
High alloy, except manganese and abrasion resistant .....	450	291	615	369
Manganese and abrasion resistant .....	2,004	2,053	2,422	2,398
All other alloys .....	576	575	991	944
Total alloy castings .....	3,030	2,919	4,028	3,711

Note: High alloy castings include all castings with an alloy content of 8% and over.

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".



TABLE 6A. Production and Shipments of Steel Ingots and Castings

	1968		1969	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
Three months ended March				
net tons of 2,000 pounds				
<u>Steel ingots (both carbon and alloy)</u>				
<u>(including continuous cast steel)</u>				
Basic open hearth .....	2,389,937	25,764	2,514,959	36,683
Electric .....	322,664	45,459 <sup>r</sup>	398,337	68,337
Basic oxygen furnace .....	(2)	(2)	(2)	(2)
Total steel ingots .....	2,712,601	71,223 <sup>r</sup>	2,913,296	105,020
Continuous cast steel included in above .....	237,053 <sup>r</sup>	x	288,192	x
Alloy steel ingots included in above .....	187,186	x	234,617	x
<u>Steel castings (both carbon and alloy)</u>				
Basic open hearth .....	(3)	(3)	-	-
Electric .....	39,059	34,042	37,683	34,785
Basic oxygen furnace .....	-	-	-	-
Total steel castings .....	39,059	34,042	37,683	34,785
<u>Alloy steel castings included in above</u>				
High alloy, except manganese and abrasion resistant .....	1,357	857	1,940	1,162
Manganese and abrasion resistant .....	5,986	6,213	6,261	6,532
All other alloys .....	1,821	1,640	2,610	2,590
Total alloy castings .....	9,164	8,710	10,811	10,284

Note: High alloy castings include all castings with an alloy content of 8% and over.

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

(3) Included with "Electric".

TABLE 7. Disposition of Shipments(1) of Steel Castings

	March 1969		Three months ended March 1969	
	Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds				
Wholesalers and warehouses .....	-	-	-	-
Export .....	1,746	400	4,216	1,051
Automotive and aircraft industries .....	528	-	1,233	-
Agricultural (including implement and equipment manufacturers) .....	100	26	306	87
Construction (including public works, public utilities and structural steel fabricators) ...	70	385	340	1,347
Machinery and tools .....	1,833	1,283	4,740	3,037
Natural resources and extractive industries (including mining, lumbering, quarrying, oil and gas, including refineries, etc.) .....	588	821	1,389	2,702
Railway operating .....	3,989	328	8,842	835
Railroad cars and locomotives .....	1,500	122	2,766	236
Shipbuilding .....	43	5	107	20
Miscellaneous (including grinding balls and railway car wheels) .....	208	341	562	969
Totals .....	10,605	3,711	24,501	10,284

(1) Compiled by principal consuming industries, according to the Steel Distribution Index revised 1964, copies of which are available on request. Includes producers' own-make castings allocated to appropriate consuming industry.



TABLE 8. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
<u>1968</u>					
January .....	617,812	13,709	867,962	14,682	882,644
February .....	674,574	15,387	857,665	12,112	869,777
March .....	774,150	14,104	986,974	12,265	999,239
April .....	739,159	15,121	934,155	11,644	945,799
May .....	747,595	13,226	978,893	12,638	991,531
June .....	708,104	11,982	938,233	10,821	949,054
July .....	734,172	11,853	898,414	7,067	905,481
August .....	673,508	12,087	884,324	9,255	893,579
September .....	627,730	14,973	854,343	11,159	865,502
October .....	713,551	16,061	973,748	12,299	986,047
November .....	682,489	13,467	989,030	16,698	1,005,728
December .....	689,757	14,942	944,866	11,749	956,615
Totals .....	8,382,601	166,912	11,108,607	142,389	11,250,996
<u>1969</u>					
January .....	708,626	14,822	986,844	11,731	998,575
February .....	647,814	16,029	899,685	12,554	912,239
March .....	768,830	17,506	1,026,767	13,398	1,040,165
April .....					
May .....					
June .....					
July .....					
August .....					
September .....					
October .....					
November .....					
December .....					
Totals .....					

TABLE 9. Production and Shipments of Steel Pipe, Tubing and Fittings

	1968		1969	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>March</u>				
<u>Pipe and tubing, welded and seamless</u>				
4 1/2" outside diameter and under (excluding tubing and casing) .....	23,016	19,143	28,493	25,513
Over 4 1/2" outside diameter (excluding tubing and casing) .....	55,386	54,553	58,046	57,105
Mechanical and pressure tubing, casing and oil well tubing .....	17,138	19,548	23,576	21,925
Totals .....	95,540	93,244	110,115	104,543
<u>Steel pipe fittings</u>				
Buttwelding fittings .....	116	84	86	99
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings ...	451	515	541	628
Totals .....	567	599	627	727

(1) Included with "Other".

TABLE 9A. Production and Shipments of Steel Pipe, Tubing and Fittings

	1968		1969	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Three months ended March</u>				
<u>Pipe and tubing, welded and seamless</u>				
4 1/2" outside diameter and under (excluding tubing and casing) .....	69,237	60,110	73,922	66,745
Over 4 1/2" outside diameter (excluding tubing and casing) .....	155,826	160,212	129,875	131,810
Mechanical and pressure tubing, casing and oil well tubing .....	52,639	56,787	65,752	65,368
Totals .....	277,702	277,109	269,549	263,923
<u>Steel pipe fittings</u>				
Buttwelding fittings .....	353	336	281	327
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings ...	1,441	1,523	1,742	1,826
Totals .....	1,794	1,859	2,023	2,153

(1) Included with "Other".

TABLE 10. Production and Disposition of Shipments of Ingots and Rolled Steel Products

	Production	Imports	Total of all shipments (1)	Shipments for further processing (1)	Net shipments
			net tons of 2,000	pounds	
<u>March 1969</u>					
<u>Carbon steel</u>					
<u>Hot rolled</u>					
Ingots and semi-finished shapes:					
For re-rolling .....	40,642	37,588	49,718	49,403	315
For forging and piercing .....	20,382	-	21,511	...	21,511
Rails .....	23,196	-	26,543	...	26,543
Wire rods .....	44,036	-	39,438	...	39,438
Structural shapes:					
Heavy .....	48,245	-	46,517	...	46,517
Bar-sized shapes .....	8,270	-	12,852	...	12,852
Concrete reinforcing bars .....	59,583	-	54,175	...	54,175
Other hot rolled bars:					
Flats .....	5,403	-	12,147 )	2,836	53,259
Other .....	53,154	-	43,948 )		
Tie plates and track material:					
Angle bars .....	929	-	823	...	823
Tie plates .....	8,761	-	8,848	...	8,848
Track spikes .....	1,764	-	1,689	...	1,689
Plates (including plates for pipes and tubes) .....	109,119	-	109,521	...	109,521
Hot rolled sheets .....	102,858	3,307	109,163	3,823	105,340
Hot rolled strip .....	22,377	-	25,426	...	25,426
Total hot rolled products ...	548,719	40,895	562,319	56,062	506,257
<u>Cold rolled and coated</u>					
Cold finished bars .....	6,863	-	6,885	...	6,885
Cold reduced sheets and strip, tin mill black plate and tin plate .....	158,143	-	180,342	4,787	175,555
Galvanized sheets .....	53,509	-	52,799	...	52,799
Total cold rolled and coated ..	218,515	-	240,026	4,787	235,239
Total carbon steel .....	767,234	40,895	802,345	60,849	741,496
<u>Alloy steel</u>					
Ingots and semi-finished shapes:					
For re-rolling .....	-	-	-	-	-
For forging and piercing .....	9,209	-	9,209	...	9,209
Alloy plates .....	1,307	-	1,307	...	1,307
Other hot rolled bars including structurals, high speed steel and other alloy tool steel .....	20,764	-	20,606	69	20,537
Cold finished bars .....	566	-	506	...	506
Wire rods .....	301	-	301	...	301
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	6,556	3,402	10,897	...	10,897
Total alloy steel .....	38,703	3,402	42,826	69	42,757

(1) Total of all shipments and shipments for further processing items have been adjusted to include only shipments for sale, i.e. figures amended to exclude producers' interchange-own.

TABLE 10A. Production and Disposition of Shipments of Ingots and Rolled Steel Products

	Production	Imports	Total of all shipments(1)	Shipments for further processing(1)	Net shipments
Three months ended March 1969			net tons of 2,000 pounds		
<u>Carbon steel</u>					
<u>Hot rolled</u>					
Ingots and semi-finished shapes:					
For re-rolling .....	156,349	116,332	173,431	135,968	37,463
For forging and piercing .....	67,569	-	68,678	...	68,678
Rails .....	65,304	-	73,234	...	73,234
Wire rods .....	133,255	-	130,359	...	130,359
Structural shapes:					
Heavy .....	123,291	-	128,934	...	128,934
Bar-sized shapes .....	33,886	-	36,972	...	36,972
Concrete reinforcing bars .....	159,465	199	143,548	...	143,548
Other hot rolled bars:					
Flats .....	15,360	-	32,869 )	6,938	146,837
Other .....	143,298	-	120,906 )		
Tie plates and track material:					
Angle bars .....	929	-	867	...	867
Tie plates .....	14,644	-	15,884	...	15,884
Track spikes .....	3,270	-	3,237	...	3,237
Plates (including plates for pipes and tubes) .....	278,465	-	273,944	...	273,944
Hot rolled sheets .....	330,478	5,672	330,672	11,285	319,387
Hot rolled strip .....	69,448	-	74,929	79	74,850
Total hot rolled products ...	1,595,011	122,203	1,608,464	154,270	1,454,194
<u>Cold rolled and coated</u>					
Cold finished bars .....	21,014	-	21,492	...	21,492
Cold reduced sheets and strip, tin mill black plate and tin plate .....	432,237	-	464,914	12,398	452,516
Galvanized sheets .....	155,393	-	145,093	...	145,093
Total cold rolled and coated ..	608,644	-	631,499	12,398	619,101
Total carbon steel .....	2,203,655	122,203	2,239,963	166,668	2,073,295
<u>Alloy steel</u>					
Ingots and semi-finished shapes:					
For re-rolling .....	-	-	-	-	-
For forging and piercing .....	22,145	-	22,145	...	22,145
Alloy plates .....	5,208	-	5,208	...	5,208
Other hot rolled bars including structurals, high speed steel and other alloy tool steel .....	61,789	-	61,226	118	61,108
Cold finished bars .....	1,680	-	1,531	...	1,531
Wire rods .....	1,492	-	1,492	...	1,492
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	20,351	10,206	33,374	...	33,374
Total alloy steel .....	112,665	10,206	124,976	118	124,858

(1) Total of all shipments and shipments for further processing items have been adjusted to include only shipments for sale, i.e. figures amended to exclude producers' interchange-own.

TABLE 11. Disposition of Net Shipments(1) of Rolled Steel Products

SDI No.		March 1969		Three months ended March 1969	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4a	Wholesalers and warehouses - Steel service centres .....	90,851	2,679	251,768	7,932
b	Other warehouses .....	11,248	64	32,581	111
6	Automotive and aircraft industries	65,383	11,467	214,295	35,857
7	Agricultural .....	14,298	417	47,748	1,265
8a	Contractors - Building .....	39,063	-	113,201	54
b	Construction - Public and utility ..	6,644	-	14,006	-
c	Structural steel fabricators .....	75,804	482	215,469	2,085
9	Containers .....	77,314	15	170,554	45
10	Machinery and tools .....	24,462	2,933	70,870	9,719
11	Wire, wire products and fasteners ..	46,166	2,951	149,849	8,749
12	Natural resources and extractive industries .....	15,373	2,439	40,467	6,072
13	Appliances and utensils .....	17,792	162	52,746	727
14	Other metal stamping and pressing ..	41,404	1,147	105,823	3,434
16	Railway operating .....	36,140	-	86,624	-
17	Railroad cars and locomotives .....	11,998	75	28,215	465
18	Shipbuilding .....	6,443	563	15,992	2,077
19	Pipes and tubes .....	97,343	7,856	246,727	18,482
20	Miscellaneous .....	6,449	16	23,672	51
	Total domestic shipments .....	684,175	33,266	1,880,607	97,125
5a	Export - For conversion and return .....	-	4,229	37,148	12,687
b	Other export (for final sale)				
i	USA .....	45,195	3,777	124,813	10,566
ii	Other countries .....	12,126	1,485	30,727	4,480
	Total domestic and export shipments .....	741,496	42,757	2,073,295	124,858
	Production, (for sale only) .....	767,234	38,703	2,203,655	112,665
	Imports by producers (including conversion) .....	40,895	3,402	122,203	10,206

(1) Compiled by principal consuming industries, according to the "Steel Distribution Index", revised January 1964, copies of which are available on request.



TABLE 12. Disposition of Net Shipments(1) of Rolled Steel Products, by Product  
March 1969

SDI No.		Ingots and semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy	Bar- sized shapes		
		net tons of 2,000 pounds						
4a	Wholesalers and ware- houses - Steel service centres .....	11	477	48	8,434	4,457	13,764	9,122
b	Other warehouses .....	-	111	-	1,928	475	1,274	309
6	Automotive and aircraft industries .....	3,224	-	87	110	21	19	18,417
7	Agriculture .....	-	-	-	424	353	-	3,948
8a	Contractors - Building ...	-	-	-	281	86	4,560	338
b	Construction - Public and utility .....	-	-	-	1,647	464	2,717	418
c	Structural steel fabri- cators .....	132	63	263	26,230	4,596	14,764	6,456
9	Containers .....	-	-	-	-	-	-	-
10	Machinery and tools .....	-	58	2,045	649	238	1	3,411
11	Wire, wire products and fasteners .....	1,272	-	34,813	4	172	56	7,921
12	Natural resources and extractive industries ..	839	1,260	-	319	50	695	9,438
13	Appliances and utensils ..	-	-	-	158	23	-	53
14	Other metal stamping and pressing .....	441	10	-	637	677	15,730	3,179
16	Railway operating .....	7	24,218	-	194	51	-	820
17	Railroad cars and loco- motives .....	2,734	77	-	1,800	82	-	710
18	Shipbuilding .....	-	5	-	970	-	-	97
19	Pipes and tubes .....	16,715	-	61	-	-	-	-
20	Miscellaneous .....	4,828	-	253	21	476	422	382
	Total domestic shipments .....	30,203	26,279	37,570	43,806	11,269	54,002	65,019
5a	Export - For conversion and return .....	-	-	-	-	-	-	-
b	Other export (for final sale)							
i	USA .....	832	264	1,462	2,711	1,583	173	8,441
ii	Other countries .....	-	-	707	-	-	-	336
	Total domestic and exports shipments ..	31,035	26,543	39,739	46,517	12,852	54,175	73,796
	Production (for sale only) .....	70,233	23,196	44,337	48,245	8,270	59,583	79,321
	Imports by producers (in- cluding conversion) ....	37,588	-	-	-	-	-	-

(1) Compiled by principal consuming industries, according to the "Steel Distribution Index", revised January 1964, copies of which are available on request.

TABLE 12. Disposition of Net Shipments(1) of Rolled Steel Products, by Product  
March 1969

Tie plates and track material	Plates, including plates for pipes and tubes	Hot rolled sheets	Hot rolled strip	Cold finished bars	Cold reduced sheets and strip, tin mill black- plate and tin plate(2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
48	14,936	12,245	263	2,658	17,202	9,865	93,530	4a
12	1,587	3,356	566	-	1,694	-	11,312	b
-	679	33,740	2,133	1,961	14,419	2,040	76,850	6
-	947	5,154	290	1,026	2,273	300	14,715	7
-	1,607	3,315	328	20	5,385	23,143	39,063	8a
26	161	802	-	-	409	-	6,644	b
1	18,713	2,619	211	29	455	1,754	76,286	c
-	-	489	16	12	76,570	242	77,329	9
-	6,148	4,071	750	860	8,133	1,031	27,395	10
757	501	1,553	21	179	1,528	340	49,117	11
114	2,018	1,450	-	23	639	967	17,812	12
-	606	2,392	188	162	11,585	2,787	17,954	13
1	1,703	4,633	626	250	12,556	2,108	42,551	14
10,381	307	73	-	-	85	4	36,140	16
-	3,760	2,760	-	7	-	143	12,073	17
-	5,379	430	20	-	8	97	7,006	18
-	46,578	15,066	19,207	47	6,905	620	105,199	19
-	- 26	-	-	32	907	122	6,465	20
11,340	105,604	94,148	24,619	7,266	160,753	45,563	717,441	
-	-	-	-	-	4,229	-	4,229	5a
								b
20	5,224	10,559	807	100	10,592	6,204	48,972	i
-	-	633	-	25	10,878	1,032	13,611	ii
11,360	110,828	105,340	25,426	7,391	186,452	52,799	784,253	
11,454	110,426	102,858	22,377	7,429	164,699	53,509	805,937	
-	-	3,307	-	-	3,402	-	44,297	

(2) Includes silicon sheets and strips and stainless steel.



TABLE 12A. Disposition of Net Shipments(1) of Rolled Steel Products, by Product  
Three months ended March 1969

SDI No.		Ingots and semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy	Bar- sized shapes		
		net tons of 2,000 pounds						
4a	Wholesalers and ware- houses - Steel service centres .....	137	624	201	23,910	11,711	34,763	26,732
b	Other warehouses .....	24	169	-	4,879	1,183	6,091	873
6	Automotive and aircraft industries .....	7,931	-	186	292	78	19	56,749
7	Agriculture .....	315	-	-	1,375	1,867	-	11,710
8a	Contractors - Building ...	-	82	-	1,368	313	14,767	1,225
b	Construction - Public and utility .....	-	-	-	2,301	464	7,013	608
c	Structural steel fabri- cators .....	524	132	645	74,891	14,239	44,206	16,086
9	Containers .....	-	-	-	-	-	-	4
10	Machinery and tools .....	133	78	3,214	2,120	643	122	10,261
11	Wire, wire products and fasteners .....	4,552	-	116,730	250	727	224	21,231
12	Natural resources and extractive industries ..	2,032	3,104	-	1,369	150	1,991	24,841
13	Appliances and utensils ..	-	20	-	528	48	137	190
14	Other metal stamping and pressing .....	1,200	465	150	979	1,415	32,405	8,927
16	Railway operating .....	38	63,985	-	926	152	-	1,320
17	Railroad cars and loco- motives .....	6,202	77	-	4,885	144	-	1,574
18	Shipbuilding .....	-	5	-	1,946	25	-	288
19	Pipes and tubes .....	49,479	-	245	-	-	-	39
20	Miscellaneous .....	16,528	-	1,349	88	16	1,138	1,444
	Total domestic shipments .....	89,095	68,741	122,720	122,107	33,175	142,876	184,102
5a	Export - For conversion and return .....	37,148	-	-	-	-	-	-
b	Other export (for final sale)							
i	USA .....	2,043	4,493	6,615	6,813	3,797	277	22,774
ii	Other countries .....	-	-	2,516	14	-	395	1,069
	Total domestic and exports shipments ..	128,286	73,234	131,851	128,934	36,972	143,548	207,945
	Production (for sale only) .....	246,063	65,304	134,747	123,291	33,886	159,465	220,447
	Imports by producers (in- cluding conversion) ....	116,332	-	-	-	-	199	-

(1) Compiled by principal consuming industries, according to the "Steel Distribution Index", revised January 1964, copies of which are available on request.

TABLE 12A. Disposition of Net Shipments(1) of Rolled Steel Products, by Product  
Three months ended March 1969

Tie plates and track material	Plates, including plates for pipes and tubes	Hot rolled sheets	Hot rolled strip	Cold finished bars	Cold reduced sheets and strip, tin mill black- plate and tin plate (2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
134	40,210	37,027	554	7,293	48,613	27,791	259,700	4a
15	4,328	8,747	2,266	-	4,117	-	32,692	b
-	2,026	116,678	7,489	6,059	46,984	5,661	250,152	6
-	4,219	15,884	1,260	3,889	7,225	1,269	49,013	7
21	5,193	10,810	1,032	81	13,735	64,628	113,255	8a
29	444	2,268	-	-	725	154	14,006	b
5	49,980	7,431	1,006	136	2,478	5,795	217,554	c
-	202	1,059	358	20	168,493	463	170,599	9
-	15,883	13,238	2,611	2,667	26,699	2,920	80,589	10
1,402	1,482	4,708	98	665	5,716	813	158,598	11
211	5,545	3,167	-	37	1,726	2,366	46,539	12
-	1,213	6,692	484	617	36,584	6,960	53,473	13
17	5,007	12,624	2,272	844	37,686	5,266	109,257	14
18,107	1,647	273	-	34	85	57	86,624	16
1	9,428	5,481	-	7	-	881	28,680	17
-	14,983	592	70	-	8	152	18,069	18
-	98,584	43,588	53,457	84	18,099	1,634	265,209	19
-	- 13	9	35	84	2,599	446	23,723	20
19,942	260,361	290,276	72,992	22,517	421,572	127,256	1,977,732	
-	-	-	-	-	12,687	-	49,835	5a
								b
34	18,791	27,305	1,858	431	25,822	14,326	135,379	i
12	-	1,806	-	75	25,809	3,511	35,207	ii
19,988	279,152	319,387	74,850	23,023	485,890	145,093	2,198,153	
18,843	283,673	330,478	69,448	22,694	452,588	155,393	2,316,320	
-	-	5,672	-	-	10,206	-	132,409	

(2) Includes silicon sheets and strips and stainless steel.





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