

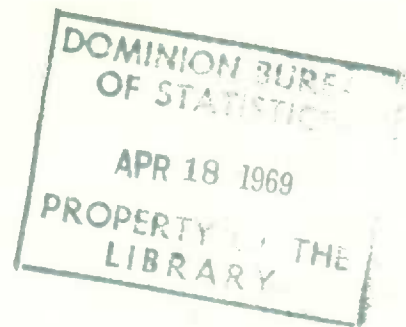
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SYMBOLS

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

.. figures not available.

... figures not appropriate or not applicable.

- nil or zero.

-- amount too small to be expressed.

P preliminary figures.

r revised figures.

x confidential to meet secrecy requirements
of the Statistics Act.

NOTE

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

TABLE OF CONTENTS

Table	Page
1. Pig Iron Capacity, December 31, 1968	4
2. Iron Blast Furnaces Charges	4
3. Production and Shipments of Pig Iron and Ferro-alloys, Current Month	5
3A. Production and Shipments of Pig Iron and Ferro-alloys, Cumulative	5
4. Steel Furnace Capacity December 31, 1968	5
5. Pig Iron and Scrap charged to Steel Furnaces	6
6. Production and Shipments of Steel Ingots and Castings, Current Month	6
6A. Production and Shipments of Steel Ingots and Castings, Cumulative	7
7. Disposition of Shipments of Steel Castings	7
8. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings	8
9. Production and Shipments of Steel Pipe, Tubing and Fittings, Current Month	9
9A. Production and Shipments of Steel Pipe, Tubing and Fittings, Cumulative ..	9
10. Production and Disposition of Shipments of Ingots and Rolled Steel Products, Current Month	10
11. Disposition of Net Shipments of Rolled Steel Products, by SDI Number	11
12. Disposition of Net Shipments of Rolled Steel Products, by Product, Current Month	12
13. Steel Capacity as of December 31, 1968	14
14. Pig Iron Capacity, December 31, 1968	16
15. Coke Oven Capacity, December 31, 1968	16
16. Sinter Plant Capacity, December 31, 1968	16

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)

	January 1969
	net tons of 2,000 pounds
<u>Crude iron ore</u>	
From Canadian mines	25,311
From foreign mines	38,271
Pyrite cinder	(2)
<u>Iron ore (sintered, pelletized, etc.)</u>	
From Canadian mines	693,391
From foreign mines	170,505
From own processing	99,635
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	15,411
Scrap iron and steel	10,459
Limestone	70,696
Dolomite	37,878
Coke	380,123

(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
<u>January</u>	net tons of 2,000 pounds			
<u>Pig iron</u>				
Basic	568,144	6,602	644,970	5,601
Foundry (including silvery pig) (2)	46,394	8,282	55,237	14,604
Malleable	3,274	15,688	8,419	16,486
Total pig iron	617,812	30,572	708,626	36,691
Ferro-alloys	13,709	15,034	14,822	19,296
Stocks of pig iron on hand at end of month	245,562		229,657	

(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

	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron</u>				
Basic				
Foundry (including silvery pig) (2)				
Malleable				
Total pig iron				
Ferro-alloys				

Cumulative figures will appear
here in subsequent issues

(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

	January		
	1968	1969	
	net tons of 2,000 pounds		
Pig iron	554,835	631,070	
Scrap - Own make	262,928	298,799	Cumulative figures will appear here in subsequent issues
Purchased	187,738	201,042	
Total pig iron and scrap	1,005,501	1,130,911	

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>January</u>				
<u>Steel ingots (both carbon and alloy)</u>				
<u>(including continuous cast steel)</u>				
Basic open hearth	767,607	5,884	861,037	10,705
Electric	100,355	11,978	125,807	26,199
Basic oxygen furnace	(2)	-	(2)	(2)
Total steel ingots	867,962	17,862	986,844	36,904
Continuous cast steel included in above	78,152	x	81,992	x
Alloy steel ingots included in above	66,229	x	73,718	x
<u>Steel castings (both carbon and alloy)</u>				
Basic open hearth	-	-	-	-
Electric	14,682	10,650	11,731	10,105
Basic oxygen furnace	-	-	-	-
Total steel castings	14,682	10,650	11,731	10,105
<u>Alloy steel castings included in above</u>				
High alloy, except manganese and abrasion resistant	472	300	604	342
Manganese and abrasion resistant	1,921	1,960	1,809	1,923
All other alloys	636	563	608	683
Total alloy castings	3,029	2,823	3,021	2,948

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

(2) Included with "Basic open hearth".

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

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

	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy)</u> (including continuous cast steel)				
Basic open hearth				
Electric				
Basic oxygen furnace				
Total steel ingots				
Continuous cast steel included in above				
Alloy steel ingots included in above				
<u>Steel castings (both carbon and alloy)</u>			Cumulative figures will appear here in subsequent issues	
Basic open hearth				
Electric				
Basic oxygen furnace				
Total steel castings				
<u>Alloy steel castings included in above</u>				
High alloy, except manganese and abrasion resistant				
Manganese and abrasion resistant				
All other alloys				
Total alloy castings				

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

(2) Included with "Basic open hearth".

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

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

	January 1969		
	Carbon	Alloy	
	net tons of 2,000 pounds		
Wholesalers and warehouses	-	-	
Export	1,002	219	
Automotive and aircraft industries	430	-	
Agricultural (including implement and equipment manufacturers)	114	23	
Construction (including public works, public utilities and structural steel fabricators) ...	172	461	
Machinery and tools	1,409	504	
Natural resources and extractive industries (including mining, lumbering, quarrying, oil and gas, including refineries, etc.)	370	1,125	Cumulative figures will appear here in subsequent issues
Railway operating	2,601	228	
Railroad cars and locomotives	825	101	
Shipbuilding	37	6	
Miscellaneous (including grinding balls and railway car wheels)	197	281	
Totals	7,157	2,948	

(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					
March					
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>January</u>				
<u>Pipe and tubing, welded and seamless</u>				
4 1/2" outside diameter and under (excluding tubing and casing)	22,653	19,922	20,953	20,159
Over 4 1/2" outside diameter (excluding tubing and casing)	53,888	50,721	38,367	36,775
Mechanical and pressure tubing, casing and oil well tubing	19,854	18,641	22,209	21,485
Totals	96,395	89,284	81,529	78,419
<u>Steel pipe fittings</u>				
Buttwelding fittings	92	120	93	116
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings ...	497	446	632	668
Totals	589	566	725	784

(1) Included with "Other."

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

	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe and tubing, welded and seamless</u>				
4 1/2" outside diameter and under (excluding tubing and casing)				
Over 4 1/2" outside diameter (excluding tubing and casing)				
Mechanical and pressure tubing, casing and oil well tubing				
Totals				
<u>Steel pipe fittings</u>				
Buttwelding fittings				
Nipples				
Other, including flanges and flanged fittings ...				
Totals				

Cumulative figures will appear here in subsequent issues

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
January 1969	net tons of 2,000 pounds				
<u>Carbon steel</u>					
<u>Hot rolled</u>					
Ingots and semi-finished shapes:					
For re-rolling	53,771	37,306	56,941	44,235	12,706
For forging and piercing	23,889	-	23,387	...	23,387
Rails	21,473	-	18,093	...	18,093
Wire rods	49,457	-	49,696	...	49,696
Structural shapes:					
Heavy	39,302	-	43,854	...	43,854
Bar-sized shapes	12,735	-	14,271	...	14,271
Concrete reinforcing bars	39,390	66	33,883	...	33,883
Other hot rolled bars:					
Flats	3,367	-	11,688)	2,158	44,655
Other	44,985	-	35,125)		
Tie plates and track material:					
Angle bars	-	-	30	...	30
Tie plates	867	-	890	...	890
Track spikes	494	-	415	...	415
Plates (including plates for pipes and tubes)	81,119	-	78,876	...	78,876
Hot rolled sheets	110,876	702	114,082	3,147	110,935
Hot rolled strip	29,439	-	27,950	67	27,883
Total hot rolled products ...	511,164	38,074	509,181	49,607	459,574
<u>Cold rolled and coated</u>					
Cold finished bars	6,897	-	7,428	...	7,428
Cold reduced sheets and strip, tin mill black plate and tin plate	146,110	-	152,416	4,585	147,831
Galvanized sheets	53,583	-	50,600	...	50,600
Total cold rolled and coated ..	206,590	-	210,444	4,585	205,859
Total carbon steel	717,754	38,074	719,625	54,192	665,433
<u>Alloy steel</u>					
Ingots and semi-finished shapes:					
For re-rolling	-	-	-	-	-
For forging and piercing	5,778	-	5,778	...	5,778
Alloy plates	1,702	-	1,702	...	1,702
Other hot rolled bars including structurals, high speed steel and other alloy tool steel	21,575	-	21,359	11	21,348
Cold finished bars	588	-	529	...	529
Wire rods	250	-	250	...	250
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	7,075	3,402	11,416	...	11,416
Total alloy steel	36,968	3,402	41,034	11	41,023

(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.		January 1969		
		Carbon	Alloy	
		net tons of 2,000 pounds		
4a	Wholesalers and warehouses - Steel service centres	79,095	2,625	
b	Other warehouses	10,403	47	
6	Automotive and aircraft industries	80,433	12,875	
7	Agricultural	17,302	466	
8a	Contractors - Building	40,078	54	
b	Construction - Public and utility ..	3,337	-	
c	Structural steel fabricators	69,371	1,252	
9	Containers	48,540	15	
10	Machinery and tools	24,208	3,555	Cumulative figures will appear here in subsequent issues
11	Wire, wire products and fasteners ..	55,882	2,737	
12	Natural resources and extractive industries	12,921	1,708	
13	Appliances and utensils	18,806	257	
14	Other metal stamping and pressing ..	33,090	1,154	
16	Railway operating	18,900	-	
17	Railroad cars and locomotives	9,084	167	
18	Shipbuilding	4,172	66	
19	Pipes and tubes	73,623	4,705	
20	Miscellaneous	8,867	16	
	Total domestic shipments	608,112	31,699	
5a	Export - For conversion and return	12,706	4,229	
b	Other export (for final sale)			
i	USA	36,846	3,585	
ii	Other countries	7,769	1,510	
	Total domestic and export shipments	665,433	41,023	
	Production, (for sale only)	717,754	36,968	
	Imports by producers (including conversion)	38,074	3,402	

(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
January 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	36	84	84	7,560	4,386	6,362	7,894
b	Other warehouses	24	-	-	1,791	399	2,070	316
6	Automotive and aircraft industries	2,388	-	77	86	36	-	20,024
7	Agriculture	-	-	-	446	808	-	4,517
8a	Contractors - Building ...	-	-	-	462	95	3,714	528
b	Construction - Public and utility	-	-	-	334	-	1,867	128
c	Structural steel fabri- cators	-	28	112	27,065	6,061	11,110	3,376
9	Containers	-	-	-	-	-	-	-
10	Machinery and tools	99	20	767	674	144	64	3,303
11	Wire, wire products and fasteners	1,987	-	45,207	-	175	3	6,250
12	Natural resources and extractive industries ..	610	1,064	-	494	15	840	7,713
13	Appliances and utensils ..	-	20	-	138	25	70	51
14	Other metal stamping and pressing	400	171	127	197	437	7,317	2,923
16	Railway operating	31	16,202	-	403	55	-	296
17	Railroad cars and loco- motives	1,908	-	-	1,614	23	-	498
18	Shipbuilding	-	-	-	436	8	-	86
19	Pipes and tubes	14,953	-	184	-	-	-	39
20	Miscellaneous	6,208	-	565	49	103	400	544
	Total domestic shipments	28,644	17,589	47,123	41,749	12,770	33,817	58,486
5a	Export - For conversion and return	12,706	-	-	-	-	-	-
b	Other export (for final sale)							
i	USA	521	504	2,702	2,091	1,501	60	7,099
ii	Other countries	-	-	121	14	-	6	418
	Total domestic and exports shipments ..	41,871	18,093	49,946	43,854	14,271	33,883	66,003
	Production (for sale only)	83,438	21,473	49,707	39,302	12,735	39,390	69,927
	Imports by producers (in- cluding conversion)	37,306	-	-	-	-	66	-

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

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

TABLE 12. Disposition of Net Shipments(1) of Rolled Steel Products, by Product
January 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								
37	13,004	13,361	223	2,144	16,842	9,703	81,720	4a
-	1,118	2,672	896	-	1,164	-	10,450	b
-	715	44,119	3,260	2,261	18,466	1,876	93,308	6
-	1,916	5,316	368	1,512	2,394	491	17,768	7
2	2,425	4,259	521	26	4,826	23,274	40,132	8a
-	170	594	-	-	143	101	3,337	b
-	16,250	2,514	652	68	1,157	2,230	70,623	c
-	202	356	97	8	47,781	111	48,555	9
-	5,302	4,011	834	960	10,461	1,124	27,763	10
165	516	1,570	20	194	2,356	176	58,619	11
65	1,913	1,069	-	11	372	463	14,629	12
-	262	2,192	177	260	13,696	2,172	19,063	13
13	1,507	4,610	477	324	13,859	1,882	34,244	14
1,053	743	77	-	5	-	35	18,900	16
-	3,170	1,641	-	-	-	397	9,251	17
-	3,591	108	9	-	-	-	4,238	18
-	21,233	15,157	19,797	36	6,423	506	78,328	19
-	-	9	28	-	756	221	8,883	20
1,335	74,037	103,635	27,359	7,809	140,696	44,762	639,811	
-	-	-	-	-	4,229	-	16,935	5a
-	6,541	6,590	524	123	7,736	4,439	40,431	i
-	-	710	-	25	6,586	1,399	9,279	ii
1,335	80,578	110,935	27,883	7,957	159,247	50,600	706,456	
1,361	82,821	110,876	29,439	7,485	153,185	53,583	754,722	
-	-	702	-	-	3,402	-	41,476	

TABLE 13. Steel Capacity as of December 31, 1968

Firm and province	Ingots			Castings	
	Basic oxygen	Open hearth	Electric	Electric	Total capacity
tons of 2,000 pounds					
<u>Newfoundland</u>					
Newfoundland Steel Co. Ltd.	-	-	30,000	-	30,000
Total Newfoundland	-	-	30,000	-	30,000
<u>Nova Scotia</u>					
Enamel and Heating Products Ltd.	-	-	20,000 ✓	-	20,000
Maritime Steel Foundries Ltd.	-	-	-	3,000	3,000
Sydney Steel Corporation	-	1,070,000	30,000	-	1,100,000
Total Nova Scotia	-	1,070,000	50,000	3,000	1,123,000
<u>Quebec</u>					
Abex Industries of Canada Ltd. (Amsco Joliette Division)	-	-	-	32,700	32,700
Atlas Steels Co., Division of Rio Algom Mines Limited	-	-	70,000	-	70,000
Canadian Steel Foundries Division of Hawker Siddeley Canada Ltd.	-	-	-	102,000	102,000
Canadian Steel Wheel Ltd.	-	-	145,800 ✓	-	145,800
Canadian Unitcast-Steel Limited	-	-	-	3,600	3,600
Crucible Steel of Canada Limited	-	-	48,000	-	48,000
Dominion Engineering Works Limited	-	-	-	4,800	4,800
Dominion Steel & Coal Corp'n. Ltd.	-	-	156,000	-	156,000
Griffin Steel Foundries Ltd.	-	-	-	52,500	52,500
Lynn MacLeod Metallurgy Ltd.	-	-	-	4,500	4,500
Manganese Steel Castings Ltd.	-	-	-	1,800	1,800
Sorel Steel Foundries Limited	-	-	-	24,000	24,000
Total Quebec	-	-	419,800	225,900	645,700
<u>Ontario</u>					
Algoma Steel Corp'n. Ltd., The	1,450,000	1,150,000	-	-	2,600,000
Atlas Steels Co., Division of Rio Algom Mines Limited	-	-	250,000	-	250,000
Black-Clawson-Kennedy Ltd.	-	-	-	14,000	14,000
Burlington Steel Co. Division of Slater Steel Industries Ltd.	-	-	250,000	-	250,000
Canada Electric Castings Co. Ltd.	-	-	-	5,000	5,000
Dominion Foundries & Steel Ltd.	2,270,000	-	50,850	-	2,320,850
Fahralloy Canada Ltd.	-	-	-	16,500	16,500
Fahralloy-Wisconsin Ltd.	-	-	-	4,500	4,500
Indiana Steel Products Co. of Canada Ltd., The	-	-	-	8,500	8,500
Lake Ontario Steel Co. Ltd.	-	-	300,000	-	300,000
Neelon Steel Ltd.	-	-	-	18,000	18,000
Steel Co. of Canada Ltd., The	-	4,750,000	-	-	4,750,000
Welmet Industries Limited	-	-	-	10,500	10,500
Total Ontario	3,720,000	5,900,000	850,850	77,000	10,547,850

TABLE 13. Steel Capacity as of December 31, 1968 - Concluded

Firm and province	Ingots			Castings	
	Basic oxygen	Open hearth	Electric	Electric	Total capacity
tons of 2,000 pounds					
<u>Manitoba</u>					
Abex Industries of Canada Ltd.	-	-	-	7,000	7,000
Griffin Steel Foundries Ltd.	-	-	-	70,000	70,000
Hudson Bay Mining and Smelting Co. Ltd. ...	-	-	-	2,225	2,225
Manitoba Rolling Mill Co., Ltd.	-	-	160,000	-	160,000
Total Manitoba	-	-	160,000	79,225	239,225
<u>Saskatchewan</u>					
Interprovincial Steel and Pipe Corporation Limited	-	-	150,000 ✓	-	150,000
Total Saskatchewan	-	-	150,000	-	150,000
<u>Alberta</u>					
Foothills Steel Foundry, Division of Irving Industries Ltd.	-	-	-	4,000	4,000
Quality Steel Foundries Ltd.	-	-	-	1,000	1,000
Steel Co. of Canada Ltd., The	-	-	128,000	-	128,000
Western Rolling Mills Ltd.	-	-	35,000	-	35,000
Total Alberta	-	-	163,000	5,000	168,000
<u>British Columbia</u>					
A-1 Steel and Iron Foundry Ltd.	-	-	-	7,800	7,800
C.A.E. Sumner Limited	-	-	-	3,600	3,600
Cominco Ltd. (Kimberley)	80,000	-	-	-	80,000
Cominco Ltd. (Tadanac)	-	-	-	3,600	3,600
Esco Limited	-	-	-	6,000	6,000
Horton Steel	-	-	-	2,200	2,200
Reliance Foundry Co. Ltd.	-	-	-	4,400	4,400
Western Canada Steel Ltd., Vancouver Steel Division	-	-	100,000	-	100,000
Victoria Machinery Depot Co. Ltd.	-	-	-	3,000	3,000
Total British Columbia	80,000	-	100,000	30,600	210,600
Total Canada	3,800,000	6,970,000	1,923,650	420,725	13,114,375



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- 16 -

TABLE 14. Pig Iron Capacity, December 31, 1968

Firm	In blast or in use			Banked, blown out or idle		
	Furnaces		Annual capacity net tons	Furnaces		Annual capacity net tons
	Blast	Electric		Blast	Electric	
	number			number		
Algoma Steel Corp'n. Ltd., The	5	-	2,335,000	-	-	-
Canadian Furnace Division of The Alboma Steel Corp'n. Ltd.	1	-	240,000	-	-	-
Cominco Ltd.	-	2	110,000	-	-	-
Dominion Foundries and Steel Ltd.	3	-	1,730,000	-	-	-
Quebec Iron and Titanium Corporation ..	-	9	465,000	-	-	-
Steel Company of Canada Ltd., The	4	-	3,800,000	1	-	150,000
Sydney Steel Corporation	2	-	900,000	1	-	182,000
Totals	15	11	9,580,000	2	-	332,000

TABLE 15. Coke Oven Capacity, December 31, 1968

Firm	In use	
	Ovens	Annual capacity
	number	net tons (of coke)
Algoma Steel Corp'n. Ltd., The	260	1,852,000
Dominion Foundries and Steel Limited	158	950,000
Kaiser Coal Ltd.	52	165,000
Quebec Natural Gas Corp'n.	74	384,000
Steel Company of Canada Ltd., The	264	2,100,000
Sydney Steel Corporation	114	612,000
Totals	922	6,063,000

TABLE 16. Sinter Plant Capacity(1) December 31, 1968

Firm	Sintering	Annual capacity
	units or strands	
	number	net tons
Algoma Steel Corporation Ltd., The	1	725,000
Cominco Ltd.	1	300,000
Steel Co. of Canada Ltd., The	1	900,000
Sydney Steel Corporation	1	273,000
Totals	4	2,198,000

(1) At manufacturing plant only.

Note: Annual capacity is the production which the given piece of equipment will turn out in a year, working at normal efficiency, 24 hours a day, and irrespective altogether of materials and labour supplies or the markets, although allowing for shut-downs as may be necessary for repairs and overhauling or rebuilding.