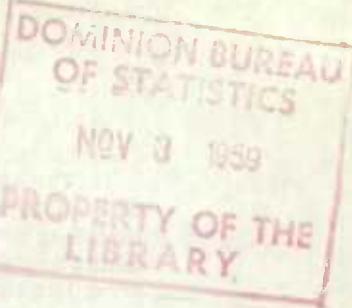


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CANADA



# IRON AND STEEL PRODUCTS

1955

GENERAL REVIEW

*Published by Authority of*

The Honourable Gordon Churchill, Minister of Trade and Commerce

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## NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I — General Review of the Manufacturing Industries, \$1.50
- II — The Manufacturing Industries of Canada, (7 sections, as follows):
  - Section A. Summary for Canada, 25¢
  - Section B. Atlantic Provinces, 50¢
  - Section C. Quebec, 25¢
  - Section D. Ontario, 25¢
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- IV — Tobacco and Tobacco Products
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- VII — Textile Mills
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- X — Wood and Paper Products
- XI — Printing Trades
- XII — Iron and Steel Products
- XIII — Transportation Equipment
- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

The present report belongs in Part XII, Iron and Steel Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A — General Review, 25¢
- B — The Agricultural Implements Industry, 25¢
- C — The Boilers and Plate Work Industry, 25¢
- D — The Bridge Building and Structural Steel Industry, 25¢
- E — The Hardware, Tools and Cutlery Industry, 25¢
- F — The Heating and Cooking Apparatus Industry, 25¢
- G — The Machinery Industry, 25¢
- H — The Machine Shops Industry, 25¢
- I — The Iron Castings Industry, 25¢
- J — The Primary Iron and Steel Industry, 25¢
- K — The Sheet Metal Products Industry, 25¢
- L — The Wire and Wire Goods Industry, 25¢
- M — The Miscellaneous Iron and Steel Products Industry, 25¢

## IRON AND STEEL PRODUCTS 1955 GENERAL REVIEW

The gross value of production for the Iron and Steel Products group of industries totalled \$2,243 millions in 1955 compared with \$1,954 millions in 1954, an increase of about 15 per cent. The net value of production, or the value added by manufacturing, showed an increase to \$1,225 millions from \$1,085 millions in 1954.

The gross values by industries for 1955 were as follows, in millions of dollars: agricultural implements, \$114; boilers and plate work, \$93; bridge and structural steel work, \$158; hardware, tools and cutlery, \$134; heating and cooking apparatus, \$113; iron castings, \$183; machine shops, \$48; household, office and store machinery, \$106; machine tools, \$9; machinery, not elsewhere classified, \$253; primary iron and steel, \$526; sheet metal products, \$260; wire and wire goods, \$130; and miscellaneous iron and steel, \$114.

The distribution of this production by provinces was as follows, in millions of dollars: Ontario, \$1,488; Quebec, \$464; British Columbia (Including Yukon), \$104; Nova Scotia, \$65; Manitoba, \$59; Alberta, \$41; New Brunswick, \$12; Saskatchewan, \$7; Newfoundland, \$2; and Prince Edward Island, \$0.1.

In 1955 a total of 2,894 factories operated in this group. These works employed 181,700 people who were paid \$668 millions in salaries and wages. Materials used in manufacturing processes cost \$1,005 millions and fuel and electricity cost \$55 millions.

The Standard Industrial Classification, which has been used by the Dominion Bureau of Statistics since 1949 provides for a separate Transportation Equipment group. This new major division includes such industries as aircraft, shipbuilding, motor vehicles, etc., which were formerly classified to the Iron and Steel and Their Products group. The statistics for Iron and Steel products therefore, are not strictly comparable with those published previous to 1949.

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Note: Due to lack of inventory data, figures for value added by manufacture, shown for the year 1953 in Table 1 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of shipments. In 1954 and 1955 information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figures except in the bridge and structural steel works industry where "value added" is arrived at by deducting the cost of materials, including fuel and electricity, from the value of production.

## IRON AND STEEL PRODUCTS

TABLE 1. Principal Statistics for the Iron and Steel Products Group, by Industries, 1954 and 1955

Industry	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works	Value added by manufacture <sup>1</sup>
1954							
Agricultural implements .....	76	11,805	40,224,971	1,741,790	66,712,190	119,000,228	49,240,666
Boilers and plate work .....	89	8,127	30,547,703	1,160,741	35,858,003	87,623,775	50,441,398
Bridge and structural steelwork .....	43	10,881	42,167,982	1,394,349	67,131,407	156,102,978	87,577,222
Hardware, tools and cutlery .....	379	13,264	42,207,529	1,843,959	40,147,473	118,483,115	77,271,555
Heating and cooking apparatus .....	120	8,905	28,444,181	1,390,413	48,143,503	102,113,389	52,907,300
Iron castings .....	202	13,748	47,535,297	2,326,611	61,661,101	139,904,793	76,670,172
Machine shops .....	653	6,325	19,195,458	826,610	12,935,630	40,943,452	27,271,344
Machinery, household, office and store .....	73	8,507	28,125,347	977,779	42,375,333	95,986,387	52,720,674
Machine tools .....	14	1,498	5,624,009	157,147	4,838,542	12,554,066	8,039,688
Machinery, not elsewhere classified .....	312	22,846	80,439,646	2,598,522	83,932,026	233,670,284	147,169,756
Primary iron and steel (pig iron, ferro-alloys, steel and rolled products) .....	51	28,861	108,817,430	23,730,461	145,110,350	383,154,196	217,487,185
Sheet metal products .....	343	18,049	61,444,775	2,316,195	118,832,538	232,686,878	112,234,492
Wire and wire goods .....	126	8,731	29,771,559	1,646,036	55,200,513	105,900,500	50,235,245
Miscellaneous iron and steel .....	320	12,151	40,930,342	3,124,427	46,359,070	126,100,923	75,964,477
<b>Total</b> .....	<b>2,801</b>	<b>173,698</b>	<b>605,526,529</b>	<b>45,735,038</b>	<b>829,237,679</b>	<b>1,954,230,964</b>	<b>1,085,231,674</b>
1955							
Agricultural implements .....	77	11,753	41,929,040	1,749,126	59,283,305	113,923,309	54,464,347
Boilers and plate work .....	101	8,378	31,218,918	1,203,833	41,388,589	93,486,695	51,813,520
Bridge and structural steel work .....	49	11,863	46,557,144	1,527,085	79,731,908	157,712,340	75,467,347
Hardware, tools and cutlery .....	379	13,115	44,581,499	2,045,341	49,174,071	133,572,735	83,468,849
Heating and cooking apparatus .....	123	9,148	29,798,730	1,354,738	56,762,067	112,987,132	55,428,354
Iron castings .....	201	15,266	55,273,998	3,388,843	84,452,041	182,906,534	97,874,491
Machine shops .....	674	6,814	21,390,958	975,323	15,830,901	48,498,932	31,721,004
Machinery, household, office and store .....	77	8,333	28,009,461	931,481	46,709,159	106,261,768	58,046,043
Machine tools .....	10	1,137	4,691,926	113,498	3,600,490	9,218,288	5,666,329
Machinery, not elsewhere classified .....	321	23,838	86,529,705	2,893,912	102,665,897	252,944,378	146,908,572
Primary iron and steel (pig iron, ferro-alloys, steel and rolled products) .....	50	32,507	136,879,403	31,182,580	212,288,266	526,318,453	291,793,126
Sheet metal products .....	360	19,080	66,662,817	2,559,431	138,211,294	260,167,480	121,016,972
Wire and wire goods .....	125	9,261	34,301,474	1,770,784	45,712,565	130,457,880	59,514,629
Miscellaneous iron and steel .....	347	11,207	39,832,007	3,047,795	46,611,443	114,261,994	65,355,780
<b>Total</b> .....	<b>2,894</b>	<b>181,700</b>	<b>667,657,079</b>	<b>54,743,770</b>	<b>1,005,246,993</b>	<b>2,242,717,918</b>	<b>1,225,066,620</b>

1. See footnote to text.

Note: Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Principal Statistics for the Iron and Steel Products Group, by Provinces, 1954 and 1955

Province	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works	Value added by manufacture <sup>1</sup>
1954							
Newfoundland .....	10	429	1,260,253	58,432	1,018,492	3,174,154	2,102,230
Prince Edward Island .....	4	26	57,450	4,881	51,589	120,876	63,175
Nova Scotia .....	52	6,026	18,530,389	3,475,260	24,962,276	50,179,136	22,651,876
New Brunswick .....	31	1,125	3,120,792	215,618	4,775,812	10,475,837	5,426,324
Quebec .....	651	40,053	132,356,933	7,534,813	170,291,567	422,192,577	245,470,577
Ontario .....	1,439	110,050	394,667,127	31,491,146	547,747,167	1,280,476,405	705,520,734
Manitoba .....	125	4,894	16,383,477	985,557	22,568,852	57,350,444	33,709,879
Saskatchewan .....	50	739	2,235,436	116,232	3,384,549	7,456,983	4,005,334
Alberta .....	145	3,143	10,421,397	391,488	15,387,215	34,294,160	21,133,667
British Columbia .....	293	7,213	26,493,275	1,461,613	39,050,100	88,504,392	45,147,878
Yukon .....	1						
<b>Canada</b> .....	<b>2,801</b>	<b>173,698</b>	<b>605,526,529</b>	<b>45,735,040</b>	<b>829,237,679</b>	<b>1,954,230,964</b>	<b>1,085,231,674</b>
1955							
Newfoundland .....	9	295	822,385	56,043	730,500	2,386,439	1,609,702
Prince Edward Island .....	3	24	62,848	2,471	64,071	138,600	73,108
Nova Scotia .....	53	6,121	20,649,001	2,968,973	29,186,877	65,038,123	28,144,278
New Brunswick .....	31	1,205	3,378,842	226,023	5,162,096	11,517,473	6,091,127
Quebec .....	679	41,501	142,368,167	8,310,594	201,220,053	463,989,550	254,316,898
Ontario .....	1,475	115,318	438,117,690	33,826,752	673,665,987	1,488,210,691	795,151,355
Manitoba .....	126	4,937	17,574,860	1,124,211	24,790,148	59,374,050	33,009,090
Saskatchewan .....	53	713	2,288,782	115,487	3,613,124	7,219,093	3,522,471
Alberta .....	153	3,404	12,002,292	501,370	18,568,027	40,552,978	18,900,588
British Columbia .....	311	8,122	30,392,212	1,611,846	48,240,110	104,290,921	55,603,258
<b>Canada</b> .....	<b>2,894</b>	<b>181,700</b>	<b>667,657,079</b>	<b>54,743,770</b>	<b>1,005,246,993</b>	<b>2,242,717,918</b>	<b>1,225,066,690</b>

1. See footnote to text.

TABLE 3 Inventories<sup>1</sup> in the Iron and Steel Products Group, 1955

(a) By Industries	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	
<b>Opening:</b>				
Agricultural implements .....	16,538,859	12,680,208	17,881,302	47,100,369
Boilers and plate work .....	9,092,708	6,467,555	5,512,632	21,072,895
Bridge and structural steel work .....	24,770,897	12,797,877	1,907,249	39,476,023
Hardware, tools and cutlery .....	10,973,517	7,035,142	10,701,048	28,709,707
Heating and cooking apparatus .....	9,873,798	4,056,033	8,682,066	22,611,897
Iron castings .....	14,075,550	6,173,818	13,029,296	33,278,664
Machine Shops .....	3,427,480	1,232,798	612,204	5,272,482
Machinery, household, office and store .....	13,054,425	9,257,360	11,592,583	33,904,368
Machine tools .....	885,838	1,039,779	1,212,979	3,118,596
Machinery, not elsewhere classified .....	22,207,371	23,499,784	23,258,249	68,965,404
Primary iron and steel (pig iron, ferro-alloys, steel and rolled products) .....	46,458,270	20,255,282	24,198,521	90,912,073
Sheet metal products .....	21,509,599	9,258,104	14,811,366	45,579,069
Wire and wire goods .....	11,077,470	2,094,932	12,024,469	25,196,871
Miscellaneous iron and steel .....	12,229,000	6,970,773	3,078,578	22,278,351
<b>Total</b> .....	<b>216,154,782</b>	<b>122,819,445</b>	<b>148,502,542</b>	<b>487,476,769</b>
<b>Closing:</b>				
Agricultural implements .....	15,208,474	12,429,900	19,454,771	47,093,145
Boilers and plate work .....	9,857,662	7,473,761	6,431,879	23,763,302
Bridge and structural steel work .....	26,660,384	7,771,103	1,155,026	35,586,513
Hardware, tools and cutlery .....	13,035,643	8,809,105	11,816,574	33,661,322
Heating and cooking apparatus .....	11,045,889	5,011,369	9,240,093	25,297,351
Iron castings .....	15,193,529	8,778,535	15,558,747	39,530,811
Machine shops .....	4,157,995	1,717,252	640,500	6,515,747
Machinery, household, office and store .....	13,751,123	9,580,013	11,017,498	34,348,634
Machine tools .....	1,067,818	1,148,852	1,375,008	3,591,678
Machinery, not elsewhere classified .....	25,901,150	25,398,778	22,782,252	74,082,180
Primary iron and steel (pig iron, ferro-alloys, steel and rolled products) .....	52,250,324	25,225,934	22,381,334	99,857,592
Sheet metal products .....	27,180,963	11,617,431	16,431,583	55,229,977
Wire and wire goods .....	13,174,622	2,401,315	11,389,564	26,965,501
Miscellaneous iron and steel .....	13,420,517	7,040,452	3,831,582	24,292,551
<b>Total</b> .....	<b>241,906,093</b>	<b>134,403,800</b>	<b>153,506,411</b>	<b>529,816,304</b>
<b>(b) By Provinces</b>				
<b>Opening:</b>				
Newfoundland .....	98,402	116,750	70,000	285,152
Prince Edward Island .....	6,590	2,874	6,145	15,609
Nova Scotia .....	10,037,845	4,809,473	2,925,357	17,772,675
New Brunswick .....	1,085,219	135,528	826,916	2,047,663
Quebec .....	43,769,802	27,227,155	34,632,414	105,629,371
Ontario .....	137,148,103	78,719,412	101,563,476	317,430,991
Manitoba .....	8,068,887	4,052,727	2,471,188	14,592,802
Saskatchewan .....	704,021	253,673	618,097	1,575,791
Alberta .....	4,265,796	2,138,830	1,268,334	7,672,960
British Columbia and Yukon .....	10,970,117	5,363,023	4,120,615	20,453,755
<b>Canada</b> .....	<b>216,154,782</b>	<b>122,819,445</b>	<b>148,502,542</b>	<b>487,476,769</b>
<b>Closing:</b>				
Newfoundland .....	102,324	54,092	79,806	236,222
Prince Edward Island .....	6,400	5,000	7,195	18,595
Nova Scotia .....	8,880,166	2,179,582	1,479,813	12,539,561
New Brunswick .....	1,374,772	286,081	788,689	2,449,542
Quebec .....	47,629,387	27,147,214	33,266,551	108,043,152
Ontario .....	156,138,719	93,596,799	108,016,410	357,751,928
Manitoba .....	8,195,610	3,520,216	2,200,205	13,916,031
Saskatchewan .....	1,128,965	312,111	650,086	2,091,162
Alberta .....	5,863,379	1,868,396	1,446,456	9,178,231
British Columbia and Yukon .....	12,586,371	5,434,309	5,571,200	23,591,880
<b>Canada</b> .....	<b>241,906,093</b>	<b>134,403,800</b>	<b>153,506,411</b>	<b>529,816,304</b>

1. (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Iron and Steel Products Group of industries for the year under review are shown in the above table.

## IRON AND STEEL PRODUCTS

TABLE 4. Employees and Earnings in the Iron and Steel Products Group, by Industries, 1954 and 1955

Industry	Average number of employees						Earnings	
	Supervisory and office		Production and related workers		Total employees	Supervisory and office	Production and related workers	Total earnings
	Male	Female	Male	Female				
Number								
<b>1954</b>								000's of \$
Agricultural implements .....	2,289	567	8,856	93	11,805	11,690	28,535	40,225
Boiler and plate work .....	1,816	567	5,602	142	8,127	10,271	20,276	30,547
Bridge and structural steel work .....	2,320	498	8,023	40	10,881	13,264	28,904	42,168
Hardware, tools and cutlery .....	1,996	925	8,879	1,464	13,264	11,711	30,497	42,208
Heating and cooking apparatus .....	1,508	666	6,501	230	8,905	8,611	19,833	28,444
Iron castings .....	1,600	593	11,331	224	13,748	9,214	38,321	47,535
Machine shops .....	1,351	238	4,671	65	6,325	5,715	13,480	19,195
Machinery, household, office and store .....	1,372	626	5,633	876	8,507	7,876	20,249	28,125
Machine tools .....	311	102	1,080	5	1,498	1,863	3,761	5,624
Machinery, not elsewhere classified .....	4,970	1,914	15,517	445	22,846	28,386	52,104	80,490
Primary iron and steel (pig iron, ferro-alloys, steel and rolled products) .....	3,526	940	24,205	190	28,861	21,467	87,350	108,817
Sheet metal products .....	2,826	1,022	12,560	1,641	18,049	18,153	45,292	61,445
Wire and wire goods .....	1,356	586	6,178	611	8,731	7,923	21,849	29,772
Miscellaneous iron and steel .....	2,066	593	8,571	921	12,151	10,710	30,220	40,930
<b>Total</b> .....	<b>29,307</b>	<b>9,837</b>	<b>127,607</b>	<b>6,947</b>	<b>173,698</b>	<b>164,855</b>	<b>440,671</b>	<b>605,525</b>
<b>1955</b>								
Agricultural implements .....	2,225	576	8,858	94	11,753	11,245	30,684	41,939
Boilers and plate work .....	2,025	556	5,709	88	8,378	10,340	20,879	31,219
Bridge and structural steel work .....	2,325	534	8,984	20	11,863	13,561	32,996	46,557
Hardware, tools and cutlery .....	1,915	979	8,704	1,517	13,115	12,357	32,224	44,581
Heating and cooking apparatus .....	1,553	693	6,697	205	9,148	8,509	21,290	29,792
Iron castings .....	1,814	690	12,502	260	15,266	10,728	44,546	55,274
Machine shops .....	1,441	262	5,018	93	6,814	6,382	15,009	21,391
Machinery, household, office and store .....	1,341	628	5,506	858	8,333	8,227	19,782	28,009
Machine tools .....	243	82	810	2	1,137	1,534	3,158	4,693
Machinery, not elsewhere classified .....	5,435	2,104	15,686	613	23,838	31,060	55,470	86,530
Primary iron and steel (pig iron, ferro-alloys, steel and rolled products) .....	3,703	979	27,636	189	32,507	23,109	113,770	136,879
Sheet metal products .....	2,999	1,115	13,343	1,623	19,080	17,756	48,907	66,663
Wire and wire goods .....	1,417	601	6,541	702	9,261	8,666	25,635	34,301
Miscellaneous iron and steel .....	2,037	553	8,131	486	11,207	11,002	28,831	39,833
<b>Total</b> .....	<b>30,473</b>	<b>10,352</b>	<b>134,125</b>	<b>6,750</b>	<b>181,700</b>	<b>174,476</b>	<b>493,181</b>	<b>667,657</b>

TABLE 5. Employees and Earnings in the Iron and Steel Products Group, by Provinces, 1954 and 1955

Province	Average number of employees						Earnings	
	Supervisory and office		Production and related workers		Total	Supervisory and office	Production and related workers	Total
	Male	Female	Male	Female				
Number								
<b>1954</b>								000's of \$
Newfoundland .....	49	19	357	4	429	272	983	1,221
Prince Edward Island .....	9	2	15	—	26	27	30	37
Nova Scotia .....	617	123	5,255	31	6,026	2,928	15,605	18,538
New Brunswick .....	155	76	884	10	1,125	862	2,259	3,121
Quebec .....	7,259	2,225	28,941	1,628	40,053	38,243	94,113	132,355
Ontario .....	18,256	6,645	80,184	4,965	110,050	107,798	286,869	394,667
Manitoba .....	897	218	3,749	30	4,894	4,599	11,784	16,388
Saskatchewan .....	137	37	558	7	739	617	1,618	2,284
Alberta .....	644	136	2,336	27	3,143	2,778	7,642	10,420
British Columbia and Yukon .....	1,284	356	5,328	245	7,213	6,732	19,761	26,459
<b>Canada</b> .....	<b>29,307</b>	<b>9,837</b>	<b>127,607</b>	<b>6,947</b>	<b>173,698</b>	<b>164,855</b>	<b>440,671</b>	<b>605,525</b>
<b>1955</b>								
Newfoundland .....	36	18	241	—	295	218	604	822
Prince Edward Island .....	6	1	17	—	24	26	37	33
Nova Scotia .....	587	131	5,392	11	6,121	3,081	17,568	20,643
New Brunswick .....	177	78	934	16	1,205	949	2,430	3,377
Quebec .....	7,638	2,382	29,925	1,556	41,501	40,511	101,857	142,308
Ontario .....	18,942	6,923	84,694	4,759	115,318	112,838	325,280	438,114
Manitoba .....	933	230	3,744	30	4,937	4,916	12,659	17,573
Saskatchewan .....	144	39	523	7	713	746	1,543	2,286
Alberta .....	657	164	2,593	50	3,464	3,275	8,727	12,004
British Columbia and Yukon .....	1,353	386	6,062	321	8,122	7,916	22,476	30,392
<b>Canada</b> .....	<b>30,473</b>	<b>10,352</b>	<b>134,125</b>	<b>6,750</b>	<b>181,700</b>	<b>174,476</b>	<b>493,181</b>	<b>667,657</b>

GENERAL REVIEW

**TABLE 6. Wage-earners Employed in the Iron and Steel Products Group, by Months and by Industries, 1955**

Month	Agricultural implements	Boilers and plate work	Bridge and structural steel work	Hardware, tools and cutlery	Heating and cooking apparatus	Iron castings	Machine shops	Machinery, household, office and store
Number								
January .....	9,641	5,188	8,582	9,446	6,297	11,198	4,927	6,258
February .....	10,289	5,266	8,768	9,569	6,516	11,481	4,988	6,275
March .....	10,278	5,409	8,757	9,652	6,700	11,760	5,105	6,274
April .....	10,258	5,543	8,856	9,773	6,740	11,731	5,150	6,321
May .....	9,676	5,686	9,107	9,907	6,758	12,090	5,103	6,339
June .....	8,174	5,789	9,307	10,244	6,989	12,386	5,100	6,333
July .....	8,393	5,803	8,939	10,327	6,960	12,947	5,161	6,280
August .....	8,198	5,879	9,162	10,429	6,803	12,940	5,216	6,400
September .....	8,107	6,204	9,408	10,582	7,552	13,848	5,153	6,481
October .....	7,647	6,387	9,306	10,744	7,522	14,131	5,161	6,494
November .....	8,203	6,240	9,034	10,924	7,257	14,259	5,138	6,501
December .....	8,519	6,197	8,803	10,864	6,720	14,056	5,128	6,463
Average .....	8,952	5,797	9,004	10,221	6,902	12,762	5,111	6,364
Number								
	Machine tools	Machinery n.e.c.	Primary iron and steel	Sheet metal products	Wire and wire goods	Miscellaneous iron and steel	Total iron and steel	
January .....	801	15,435	23,239	13,108	6,787	7,638	128,475	
February .....	759	15,556	24,661	13,237	6,942	8,137	132,444	
March .....	768	15,662	25,555	13,565	7,037	8,460	135,002	
April .....	783	15,754	27,043	14,161	7,107	8,359	137,599	
May .....	780	15,959	28,115	14,905	7,179	8,435	140,037	
June .....	799	16,275	28,828	15,499	7,334	8,495	141,552	
July .....	781	16,287	29,025	15,762	7,268	8,647	142,580	
August .....	795	16,724	29,325	16,257	7,242	8,797	144,176	
September .....	831	16,908	29,398	16,174	7,419	8,970	147,035	
October .....	873	17,118	29,659	15,879	7,510	9,077	147,508	
November .....	889	16,950	29,652	15,394	7,526	9,219	147,286	
December .....	893	16,871	29,471	15,150	7,508	9,110	145,753	
Average .....	812	16,299	27,825	14,966	7,243	8,617	140,875	

**TABLE 7. Wage-earners Employed in the Iron and Steel Products Group, by Months and by Provinces, 1955**

Month	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia <sup>1</sup>	Canada
Number											
January .....	236	14	4,985	705	29,015	81,852	3,391	489	2,342	5,446	128,475
February .....	240	13	4,919	849	29,384	85,088	3,347	481	2,353	5,770	132,444
March .....	241	15	5,185	879	29,810	86,651	3,437	461	2,380	5,943	135,002
April .....	251	18	5,356	942	30,367	88,114	3,661	512	2,462	5,916	137,599
May .....	251	18	5,382	965	31,131	89,359	3,803	536	2,598	5,994	140,037
June .....	251	19	5,409	1,000	31,590	89,747	3,809	567	2,729	6,431	141,552
July .....	249	18	5,574	1,053	31,800	90,016	3,926	573	2,759	6,612	142,580
August .....	248	19	5,627	1,048	32,287	90,532	4,115	586	2,921	6,793	144,176
September .....	249	18	5,610	1,026	32,839	92,874	4,082	567	2,860	6,910	147,035
October .....	239	18	5,611	1,010	33,267	93,064	3,999	544	2,802	6,954	147,508
November .....	235	18	5,610	997	33,188	93,235	3,837	552	2,759	6,855	147,286
December .....	235	15	5,545	929	32,931	92,313	3,768	514	2,662	6,841	145,753
Average .....	241	17	5,403	950	31,481	89,453	3,774	530	2,643	6,383	140,875

1. Includes Yukon.

TABLE 8. Alphabetical List of Materials Used in the Industries in the Iron and Steel Products Group, 1954 and 1955

Material	1954		1955		
	Quantity	Cost at works	Quantity	Cost at works	
		\$		\$	
Acid:					
Muriatic .....	lb.	3,950,088	108,699	3,907,962	116,784
Sulphuric .....	"	51,805,611	761,047	70,774,538	988,454
Aluminum all forms.....	"	34,779,886	15,670,253	47,516,648	21,297,644
Axes, old, for re-rolling .....	tons	5,459	211,441	9,220	333,186
Babbitt metal and solders .....	lb.	2,676,639	911,102	2,981,362	961,996
Bars and rods, iron and steel (except alloy) .....	tons	353,769	43,717,642	384,937	49,036,479
Bentonite .....	"	3,434	113,674	4,982	161,246
Billets and slabs, steel:					
Companies' own make .....	tons	110,131	-	132,924	-
Purchased .....	"	79,333	6,678,222	98,547	7,471,993
Brass and bronze, all forms .....	lb.	24,384,249	10,675,908	29,029,588	13,160,455
Calcium molybdate and molybdenum trioxide briquettes .....	tons	244	290,020	453	578,122
Calcium manganese silicon .....	"	163	75,005	134	61,843
Calcium silicon .....	"	148	62,847	191	85,685
Charcoal for steel and ferro-alloy furnaces .....	tons	71	5,401	54	4,060
Coal:					
Anthracite, for steel and ferro-alloy furnaces .....	"	8,374	122,602	29,355	381,597
Bituminous, for steel and ferro-alloy furnaces .....	"	21,538	278,058	30,700	387,139
Coke (charged to blast furnaces, cupolas, etc.) .....	"	2,114,317	30,867,209	3,002,730	42,089,266
Coke, petroleum .....	"	48,396	710,272	61,240	785,352
Copper, all forms .....	lb.	7,139,063	3,248,138	7,882,410	4,101,827
Core oil .....	Imp. gal.	277,168	280,447	338,931	341,255
Cork discs (for bottle caps) .....	-	-	1,286,060	-	1,347,659
Cotton, duck and other textiles for farm implements .....	-	-	382,301	-	240,494
Cupola blocks .....	-	-	93,853	-	80,195
Dolomite .....	tons	403,762	1,838,684	474,955	2,829,910
Diamonds (industrial) .....	-	-	812,326	-	1,491,359
Electrodes, for steel and ferro-alloy furnaces .....	-	-	1,923,005	-	2,945,688
Ferro-alloys used in steel furnaces, etc.:					
Ferrochrome, including chrom-x .....	tons	3,500	1,409,405	6,406	2,651,805
Fermanganese .....	"	25,408	5,411,092	33,454	7,208,024
Ferrosilicon .....	"	13,155	1,550,185	14,946	2,072,213
Ferrophosphorus .....	"	207	19,250	193	18,687
Ferrotitanium .....	"	171	50,166	156	48,074
Ferrotungsten .....	"	38	118,280	53	196,376
Silicomanganese .....	"	4,940	1,102,863	6,962	1,535,894
Spiegeleisen .....	"	319	29,245	550	43,650
Ferromolybdenum .....	"	70	119,655	77	143,977
Ferrovanadium .....	"	47	168,905	77	278,921
Other ferro-alloys .....	-	-	592,405	-	950,669
Firebrick (also see next item) .....	-	-	515,435	-	677,151
Firebrick, fireclay and cupola blocks, (not shown separately) .....	-	-	5,163,829	-	6,841,884
Fireclay (also see previous item) .....	tons	9,011	190,567	11,671	204,356
Fluorspar used in steel and ferro-alloy furnaces .....	"	16,002	534,703	18,610	577,438
Frit for enamelling .....	-	-	793,515	-	921,869
Ganister .....	tons	3,817	17,827	3,990	23,353
Handles for tools .....	-	-	771,600	-	811,635
Ingots and blooms, steel:					
Companies' own make (value not given) .....	tons	3,134,682	-	4,278,309	-
Purchased .....	"	451	332,107	1,377	514,000
Iron, pig:					
Companies' own make (value not given) .....	tons	1,759,610	-	2,545,522	-
Purchased .....	"	230,368	13,219,618	301,247	16,794,681
Iron and steel, n.e.s. ....	-	-	35,478,898	-	36,323,040
Lead, all forms .....	lb.	1,702,892	271,729	1,988,039	320,421
Lime .....	tons	81,721	1,024,578	140,947	1,812,677
Limestone used in iron, steel and ferro-alloy furnaces .....	"	967,306	2,135,191	1,288,365	2,778,632
Linseed oil .....	Imp. gal.	28,687	33,758	32,079	39,121
Lumber .....	M ft, b.m.	46,449	4,639,973	42,029	4,376,790
Magnesite used in steel furnaces .....	tons	9,940	546,026	10,353	619,131
Metals, non-ferrous, n.e.s. ....	-	-	1,631,904	-	2,767,930
Mill cinder, scale, slag, etc. ....	tons	577,577	4,526,604	706,053	5,760,563
Nail plate:					
Companies' own make .....	lb.	1,910,305	93,867	2,312,000	144,115
Purchased .....	"	-	-	-	-
Nickel, all forms (except nickel-copper shot) .....	lb.	2,932,368	1,694,074	5,218,641	3,280,273
Ore:					
Iron, beneficiated .....	tons	302,398	2,676,186	573,206	5,204,150
Iron, crude .....	"	3,650,979	31,371,318	5,094,749	44,183,909
Tungsten .....	"	12	22,196	40	103,339
Paints, oils and varnishes .....	-	-	6,500,291	-	7,279,711
Pipe, tubes and fittings, iron and steel (except boiler tubes) .....	-	-	7,652,927	-	9,421,086
Plates, steel (3/16" and thicker, except alloy) .....	tons	203,521	25,608,166	252,074	32,255,997
Plumbago and graphite .....	lb.	1,925,789	146,845	2,704,439	175,525
Quartzite for ferro-alloys .....	tons	53,850	233,438	103,494	424,862
Rails, old, for re-rolling .....	"	55,778	2,466,428	66,677	2,853,077
Rods, steel wire, for drawing:					
Companies' own make .....	tons	165,870	16,510,435	197,168	21,197,978
Purchased .....	"	105,555	10,552,444	134,870	12,598,918
Sal ammoniac (ammonium chloride) .....	lb.	929,142	88,485	822,617	76,263
Sands:					
Moulding .....	tons	67,970	580,791	75,007	641,660
Core .....	"	79,791	388,996	101,560	488,731
Silica .....	"	83,326	735,090	67,716	692,248
Other foundry .....	"	19,578	152,193	9,276	106,155

TABLE 8. Alphabetical List of Materials Used in the Industries in the Iron and Steel Products Group, 1954 and 1955 — Concluded

Material	1954		1955	
	Quantity	Cost at works	Quantity	Cost at works
Scrap iron and steel:		\$		\$
Companies' own make used in steel furnaces (value not given) .....	tons 979,742	—	tons 1,239,063	—
Companies' own make used in iron foundries .....	" 28,225	1,156,979	" 39,128	1,349,433
Purchased .....	" 1,066,619	28,969,683	1,668,918	52,103,612
Sheets, steel (except alloy):				
Galvanized .....	tons 85,754	15,118,300	tons 114,250	20,332,157
Plain (black) .....	" 279,101	38,402,589	" 318,987	43,456,611
Tin plate .....	" 253,247	45,592,603	272,500	49,446,405
Skelp, steel .....	tons 232,170	22,906,264	332,129	33,201,359
Sodium nitrate .....	" 717	43,957	" 639	37,527
Strip, steel (except alloy) .....	" 37,855	5,565,419	49,033	7,351,829
Structural shapes, steel .....	" 377,938	45,726,860	438,375	54,443,604
Steel, alloy, all kinds .....	" —	18,133,313	" —	24,463,081*
Sulphur .....	tons 50	4,562	65	5,731
Tackplate:				
Companies' own make .....	lb. 1,414,741	—	lb. 1,785,613	—
Purchased .....	" 4,139,435	3,425,667	" 4,273,304	3,895,666
Tin .....	" —	1,577,821	" —	1,901,426
Tubes, boiler, lap-welded and seamless .....	" —	489,161	" —	770,945
Tungsten carbide powder .....	" —	—	" —	—
Wire, iron and steel, plain, galvanized and coated, other .....	tons 90,694	17,353,250	tons 110,579	21,144,633
Zinc, all forms .....	lb. 42,695,544	4,989,190	lb. 56,688,934	7,777,417
Containers and packing materials .....	" —	9,937,020	" —	11,553,401
All other materials .....	" —	258,735,082	" —	282,152,578
Total.....	" —	829,237,679	" —	1,005,246,993

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel 1954 and 1955

Note. The figures given below represent the total factory shipments in Canada of the commodities which are listed, although in some instances part of the output was by concerns which were classified to industries in other major groups.

Product	1954		1955	
	Quantity	Selling value at works	Quantity	Selling value at works
Air compressors:		\$		\$
Stationary type .....	" —	4,971,411	" —	4,601,000
Portable type .....	" —	1,190,112	" —	1,217,000
Axes and hatchets .....	No. 456,294	761,515	No. 504,000	893,000
Bale ties, wire:				
Quantity made .....	tons 3,330	—	tons 3,442	—
Quantity sold .....	" 3,352	652,779	" 3,449	674,792
Barrels and drums, steel:				
Repeat shippers .....	No. 39,484	392,788	No. 123,530	909,119
One-time shippers .....	" 816,596	2,570,998	" 1,019,297	3,199,540
Bars, steel, hot-rolled, all kinds:				
Quantity made .....	tons 528,521	—	tons 742,494	—
Quantity sold .....	" 445,519	56,525,130	" 621,819	79,841,771
Binders, grain .....	No. 320	163,092	No. 94	64,805
Blooms, billets and slabs, steel:				
Quantity made .....	tons 2,273,725	—	tons 2,942,725	—
Quantity sold .....	" 150,917	12,748,936	" 298,646	23,114,634
Blowers for domestic furnaces .....	No. 80,127	1,192,187	No. 104,705	1,761,000
Boilers:				
Heating boilers:				
Cast iron sectional:				
(a) Under 775 sq. ft. .....	No. 8,106	1,105,772	No. 8,610	1,182,535
(b) 776-1,499 sq. ft. .....	" 2,634	900,832	" 2,547	759,342
(c) 1,500 sq ft and over .....	" 1,810	1,168,838	" 1,503	1,174,707
Steel:				
(a) 240-775 sq. ft. .....	No. 4,962	2,101,657		
(b) 776-1,499 sq. ft. .....	" 732	520,658		
(c) 1,500 sq. ft. and over .....	" 885	1,143,367		
(d) 522 Sq ft and under (heating surface) .....	" —	—	" 7,640	3,066,573
(e) Over 522 sq ft. (heating surface) .....	" —	—	" 422	921,666

See new classifications  
"d" and "e" below

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel 1954 and 1955—Continued

Product	1954		1955	
	Quantity	Selling value at works	Quantity	Selling value at works
Boilers—concluded:				
Power boilers:				
Water tube, horizontal type .....	No.	45	2,100,718	6
Water tube, vertical type .....	"	17	28,581	19
Water tube, bent tube type .....	"	—	5,596,709	—
Horizontal return tubular .....	No.	155	548,841	184
Marine type .....	"	25	293,549	66
Steel firebox, locomotive type .....	"	15	86,711	8
Firerube, vertical type .....	"	26	33,951	14
Boilers, type not specified .....	"	—	718,867	—
Bottle caps, metal .....	"	—	11,134,000	—
Cans, metal .....	"	—	77,842,000	—
Castings, iron, (except pipe and fittings):				
Grey and white .....	tons	449,000	—	591,000
Malleable .....	"	27,000	—	33,000
Castings:				
Steel:				
Quantity made .....	tons	81,239	—	88,331
Quantity sold .....	"	80,490	34,413,220	83,387
Cream separators:				
300 pounds and under .....	No.	—	—	—
Over 300 pounds .....	"	3,227	373,580	1,600
180,774				
Cultivators .....	No.	9,649	2,566,451	12,870
Cutlery, steel (paring knives, bread knives, scissors, etc.) .....	"	—	2,308,000	—
Drills, seeding .....	No.	3,848	1,617,099	1,881
Eavestrough .....	"	—	2,537,000	—
Elevators, freight and passenger, and parts .....	"	—	13,631,607	—
Engines:				
Steam, including steam turbines .....	No.	—	906,740	—
Gasoline (except automobile and aircraft):				
Marine type (including outboard) .....	"	Included with "Other types"	10,561,278	Included with "Other types"
Other types (including industrial gas engines) .....	"	56,349	71,457	12,598,000
Diesel .....	"	114	5,093,699	166
Engine parts .....	"	—	2,831,816	—
Fencing, steel wire:				
Farm:				
Quantity sold .....	tons	12,431	2,548,615	13,841
Lawn:				
Quantity sold .....	"	1,313	353,653	1,292
Chain link fabric:				
Quantity sold .....	"	4,147	1,181,418	5,311
Ferro-alloys .....	"	116,141	16,822,899	189,805
Forks, farm or garden, hand .....	No.	302,000	422,000	281,000
Furnaces, warm air .....	"	93,386	17,628,388	124,336
Hardware:				
Builders' and shelf .....	"	—	17,000,000	—
Harness and saddlery .....	"	—	208,000	—
Pole line (except insulators) .....	"	—	8,065,000	—
Automobile .....	"	—	7,220,000	—
Furniture and cabinet .....	"	—	3,447,000	—
Trunk and suitcase .....	"	—	492,000	—
Other .....	"	—	2,924,000	—
Harrows, all kinds except harrow-plows .....	No.	65,365	2,676,529	50,352
Harrow-plows, one-way discs and tiller-combines .....	"	8,006	4,048,150	3,279
Hay loaders .....	"	1,674	398,565	1,272
Hay rakes, including combination side rakes and tedders .....	"	7,773	1,790,724	9,937
				2,184,269

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel 1954 and 1955 - Continued

Product	1954		1955	
	Quantity	Selling value at works	Quantity	Selling value at works
	\$	\$		
Heaters, domestic water-tank:				
Cast iron for coal, wood or oil (120 gallons or less) .....	No. 961	\$ 48,854	643	\$ 29,117
Gas, automatic .....	" 26,635	1,906,000	36,504	2,233,964
Gas, not automatic .....	" 9,986	130,708	10,428	146,785
Electric, circulating type .....	" 34,284	279,229	33,425	255,282
Electric, immersion type .....	" 134,456	381,111	203,328	556,577
Clamp-on type .....	" 27,735	124,700	23,405	98,588
Electric, automatic storage tank type, including tank and controls .....	" 41,768	2,923,792	48,921	3,341,753
Heaters, unit, all types .....	No. 22,590	\$ 4,244,901	23,624	\$ 4,427,004
Hoes, hand .....	No. 226,000	226,000	211,000	225,000
Ingots, steel:				
Quantity made .....	tons 3,113,791	—	4,446,341	—
Quantity sold .....	" 5,576	1,021,493	117,727	7,866,025
Iron, pig:				
Quantity made .....	tons 2,211,029	—	3,215,367	—
Quantity sold .....	" 455,552	22,142,040	609,978	30,539,000
Ironers (operated by own motor) .....	No. 6,020	\$ 530,035	4,374	\$ 415,000
Kitchenware:				
Aluminum .....	—	—	7,976,000	—
Enamelled .....	—	—	1,536,000	—
Lath and corner bead, metal .....	—	—	3,414,000	—
Lawn mowers:				
Hand .....	No. 18,516	\$ 235,097	25,336	\$ 280,000
Power .....	" 61,987	3,099,946	78,007	3,849,000
Machinery (tools):				
Grinding machines .....	—	745	756,884	873
Grinding machines .....	—	—	186,968	—
Lathes .....	No. 275	1,308,964	196	915,000
Presses .....	—	—	1,887,488	—
Shapers .....	No. 158	Included with "Other"	148	1,337,000
Shearing machines .....	" —	188,841	—	Included with "Other"
Other, including boring machines, milling machines, planers, slotters, etc. ....	—	2,449,742	—	136,000
Parts and accessories .....	—	—	2,022,932	—
Machinery, not elsewhere specified:				
Bakers:				
Mixing machines .....	No. 765	\$ 632,687	709	\$ 600,000
Ovens .....	" 110	354,863	262	492,000
Other, and parts .....	—	299,019	—	371,000
Canning and parts .....	—	—	1,339,997	—
Concrete-making:				
Mixers .....	No. 3,908	\$ 604,366	3,821	\$ 1,387,000
Concrete block machines .....	" 120	26,689	134	39,000
Other, and parts .....	—	440,904	—	443,000
Conveying and elevating, and parts (except passenger and freight elevators) .....	—	—	13,392,074	—
Dairy and creamery, and parts (except farm type cream separators) .....	—	—	3,792,620	—
Dish-washing (except household) .....	—	—	1,013,534	—
Fire-fighting (except hand type extinguishers) .....	—	—	3,042,948	—
Flour and grist mill, and parts .....	—	—	496,398	—
Grain elevator, and parts .....	—	—	1,380,855	—
Hoisting and parts .....	—	—	11,597,924	—
Laundry, cleaning and pressing, and parts .....	—	—	2,526,804	—
Leather working, and parts .....	—	—	927,679	—
Logging, and parts .....	—	—	1,372,381	—
Mining and metallurgical:				
Agitators .....	No. 512	\$ 685,421	—	\$ 153,000
Classifiers .....	No. 8	169,797	13	118,000
Crushers .....	—	818,701	—	—
Hoists .....	—	2,181,636	—	1,996,000
Mine cars .....	No. 883	890,852	901	590,000
Other .....	—	7,281,254	—	9,440,000
Parts .....	—	13,229,549	—	16,886,000
Office, business and store:				
Adding machines .....	No. 14,311	\$ 2,147,379	19,057	\$ 2,868,000
Other and parts, (except typewriters and scales) .....	—	23,929,892	—	26,047,000
Plastics, and parts .....	—	—	114,967	—
Printing, and parts .....	—	—	513,764	—

## IRON AND STEEL PRODUCTS

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel 1954 and 1955 - Continued

Product	1954		1955	
	Quantity	Selling value at works	Quantity	Selling value at works
Machinery, not elsewhere specified - concluded:				
Pulp and paper-making, and parts .....	-	16,248,022	-	17,083,000
Refrigerating and ice-making, and parts (except domestic type refrigerators and condensing units) .....	-	21,380,000	-	24,907,000
Road-making:				
Angle dozers .....	No.	316	608,579	673
Graders .....	"	185	2,044,258	212
Rollers .....	"	6	53,828	10
Scrapers .....	"	18	213,656	32
Snow plows .....	No.	650	539,032	-
Other .....	-	-	1,686,344	-
Parts .....	-	-	1,428,695	-
Rolling mill, and parts .....	-	-	2,226,542	913,000
Rubber mill, and parts .....	-	-	1,133,354	1,416,000
Sawmill, and parts .....	-	-	2,907,300	3,526,000
Service station and garage, and parts .....	-	-	1,515,303	1,895,000
Ships, and parts .....	-	-	7,400,796	10,154,000
Stone-working, and parts .....	-	-	180,168	112,000
Textile, and parts .....	-	-	409,513	380,000
Transmission, and parts .....	-	-	15,765,671	19,625,000
Ventilating, exhaust and dust-collecting, and parts .....	-	-	7,898,975	7,749,000
Water-wheels and turbines .....	-	-	15,535,709	12,608,000
Welding:				
Electric arc welding with controls .....	-	-	1,213,000	
Other .....	-	-	1,637,000	3,598,000
Wood-working:				
Band sawing machines .....	No.	1,091	164,334	1,450
Boring machines .....	"	-	19,077	592
Lathes .....	"	1,803	63,542	1,524
Matchers and planers .....	"	1,068	493,362	109
Moulders .....	"	28	145,576	21
Rip and cross-cut saws .....	"	16,204	805,062	21,278
Sanders .....	"	1,817	110,340	3,003
Shapers and jointers .....	"	2,986	174,150	3,588
Surfacing .....	"	112	14,795	115
Tenoners and mortisers .....	"	134	77,084	110
Other, and parts .....	-	-	1,291,914	1,336,000
Manure spreaders .....	No.	6,024	2,148,507	5,276
Mowers, hay .....	"	7,006	1,389,653	19,579
Nails and spikes:				
Wire:				
Quantity made (Kegs of 100 pounds) .....	Kegs	1,598,143	-	1,788,919
Quantity sold (Kegs of 100 pounds) .....	"	1,505,837	12,124,580	1,862,558
Cut:				
Quantity made (Kegs of 100 pounds) .....	Kegs	12,770	-	17,649
Quantity sold (Kegs of 100 pounds) .....	"	13,634	165,357	17,647
Oil burners, power type:				
Domestic .....	No.	114,380	11,244,958	125,639
Industrial and commercial .....	"	969	432,190	1,070
Parts .....	-	-	1,973,331	-
Peavies, canthooks and pike poles .....	-	-	506,000	-
Pipe and tubing:				
Cast iron soil pipe .....	tons	62,200	11,815,000	69,800
Cast iron water pipe and fittings .....	"	108,500	12,598,000	136,900
Cast iron pipe fittings, all other, including flanges and flange fittings .....	"	8,900	3,681,000	11,200
Malleable iron pipe fittings of all kinds, including railing fittings .....	"	7,000	4,962,000	7,400
Steel pipe and tubing .....	"	219,500	36,260,000	331,300
Steel pipe fittings, all kinds .....	"	5,000	3,885,000	10,500
Steel pipe, riveted or welded (from plate) .....	"	3,800	1,145,000	18,500
Culvert pipe formed from steel sheets .....	tons	34,700	11,205,000	46,600
Pipe, stove and furnace .....	-	-	2,318,000	-
Planters, corn .....	No.	1,201	164,804	1,608
Plates, steel:				
Quantity made .....	tons	201,939	-	253,640
Quantity sold .....	"	201,524	20,568,611	251,870
Plows, all kinds .....	No.	15,443	2,979,804	24,210
Pumps:				
Centrifugal .....	-	-	7,253,325	-
Cistern and pitcher .....	No.	23,369	144,800	14,837
Deep-well .....	-	-	36,817	423
Rotary .....	-	-	903,509	-
Sump .....	-	24,784	1,128,475	33,622
Vacuum .....	-	-	538,710	-
Direct-acting steam piston and electric .....	No.	2,340	1,503,004	2,560
Other power pumps .....	-	-	3,251,728	-
Self-contained household water systems:				
Deep well - jet type .....	"	3,739	438,650	4,539
- Non-jet type .....	"	1,173	298,268	883
Shallow well - jet type .....	"	3,637	280,617	6,698
- Non jet type .....	"	34,984	3,408,720	42,726
				3,670,000

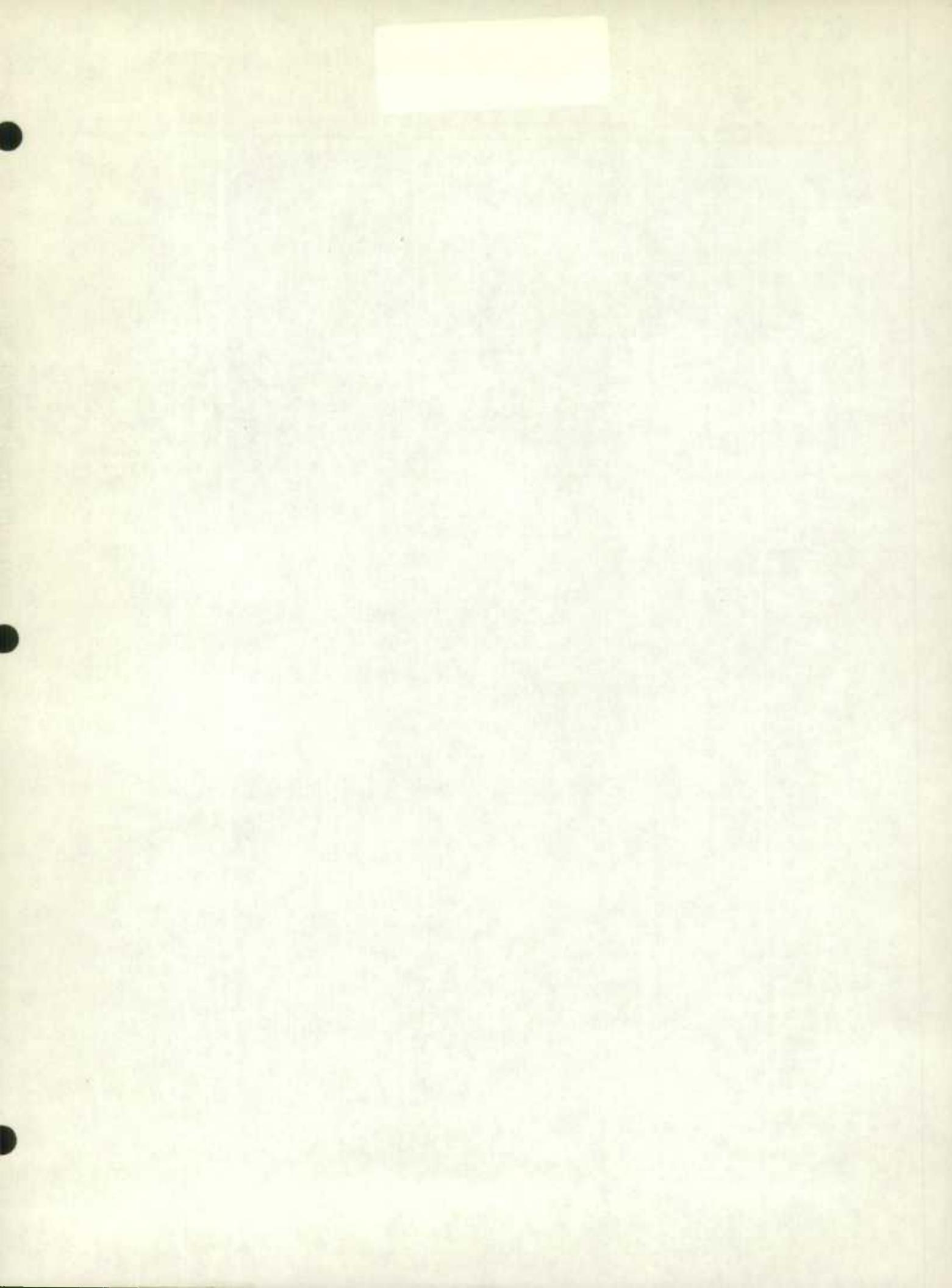
TABLE 9 Factory Shipments of Specified Products Made Principally of Iron and Steel 1954 and 1955 — Continued

Products	1954		1955	
	Quantity	Selling value at works	Quantity	Selling value at works
Pumps — concluded:				
Pump jacks .....	No.	3,053	86,281	2,721
Hand pumps .....	"	25,868	255,123	33,063
Pump parts, including repair parts .....	"	—	2,463,419	—
Gasoline-dispensing pumps .....	"	—	3,206,198	10,031
Radiators, heating:				
Cast iron .....	sq. ft.	5,811,940	3,888,017	6,194,680
Convector (steel and non-ferrous) .....	"	8,932,191	5,321,258	10,091,279
Rails, steel:				
Quantity made .....	tons	241,922	—	228,991
Quantity sold .....	"	232,484	21,421,531	241,254
Railway fish plates and splice bars:				
Quantity made .....	tons	13,175	—	15,582
Quantity sold .....	"	12,786	1,545,914	15,812
Railway tie plates:				
Quantity made .....	tons	39,386	—	66,856
Quantity sold .....	"	38,027	4,152,574	67,883
Rakes, hand .....	No.	255,000	245,000	296,000
Range boilers, domestic:				
Galvanized .....	No.	185,670	2,680,068	217,694
Copper, everdur and monel .....	"	10,891	619,791	14,278
Razor blades, safety .....	000's	174,308	3,589,000	176,364
Registers and grills, warm air .....	—	—	1,818,198	—
Rods, welding .....	tons	11,926	3,634,811	13,126
Rods, wire:				
Quantity made .....	tons	275,121	—	375,775
Quantity sold .....	"	274,870 <sup>1</sup>	26,848,014	362,258
Saws and parts:				
Power saws:				
Circular .....	"	—	1,314,000	—
Band .....	"	—	609,000	—
Drag and gang .....	"	—	63,000	—
Cross-cut saws .....	"	—	175,000	—
Webb saws .....	"	—	180,000	—
Hand saws .....	"	—	617,000	—
Parts for above (including saw-teeth) .....	"	—	1,089,000	—
Power chain saws and parts .....	"	—	4,397,000	—
Scales:				
For stores, homes and offices — for retail use .....	No.	5,510	678,001	31,650
— for domestic use .....	No.	16,158	69,626	
Industrial:				
Bench or portable type .....	No.	3,747	645,347	7,318
Built-in type .....	"	768	961,210	565
Sheets, galvanized:				
Quantity sold .....	tons	101,000	16,526,000	156,000 <sup>2</sup>
Spades and shovels .....	No.	871,000	1,255,000	1,054,000
Staples, wire:				
Quantity made (Kegs of 100 pounds) .....	kegs	32,459	—	31,213
Quantity sold (Kegs of 100 pounds) .....	"	28,124	279,849	33,101
Stokers and parts:				
Domestic or residential .....	No.	809	200,528	791
Commercial or industrial .....	"	536	885,030	445
Parts .....	"	—	364,443	—
Stoves:				
Coal, wood and sawdust-burning cooking stoves and ranges, including ranges with gas or electric extension .....	No.	30,369	3,052,208	28,490
Coal, wood and sawdust-burning heating stoves and space-heaters, including all heaters, circulators, Quebec, box, oak, Franklin, globular and laundry .....	"	42,242	643,412	48,852
Solid fuel and gas combination or oil and gas combination (not including stoves or ranges with gas extension) .....	"	9,514	1,711,801	10,952
Solid fuel and electric combination or oil and electric combination (not including stoves or ranges with electric extension) .....	"	8,275	1,833,984	8,226
Gas cooking stoves and ranges (not combinations), including all styles with ovens .....	"	27,848	3,109,619	31,535
				3,389,672

<sup>1</sup>. Includes shipments transferred to own fabricating mills of producing firms. These tonnages not included prior to 1954.<sup>2</sup>. Does not include approximately 2,000 tons of galvanized sheet further processed into "Roofing".

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel, 1954 and 1955 - Concluded

Product	1954		1955		
	Quantity	Selling value at works	Quantity	Selling value at works	
		\$		\$	
Stoves - Concluded:					
Gas heating stoves and space heaters .....	No.	5,792	183,197	8,850	353,896
Gas cooking plates - no oven .....	"	2,490	43,895	2,683	28,741
Electric cooking stoves or ranges (over 35 amperes,) all styles with ovens .....	"	167,716	25,340,646	199,132	30,933,531
Electric rangettes, including cord attachment and oven as one unit .....	"	42,078	1,501,587	41,679	1,435,307
Electric cooking plates and grills, including stoves for glass coffee-makers .....	"	173,954	975,556	191,811	999,602
Oil (kerosene) and gasoline cooking stoves and ranges .....	"	41,644	435,722	73,540	628,913
Oil (kerosene) and gasoline heating stoves and space-heaters .....	"	1,874	28,545	2,848	58,605
Fuel oil (distillate) cooking stoves and ranges .....	"	8,273	1,188,577	10,659	1,557,462
Fuel oil (distillate) heating stoves and space-heaters .....	"	49,333	2,421,166	59,385	3,864,089
Structural shapes, steel:					
Quantity made .....	tons	183,542	-	232,138	
Quantity sold .....	"	180,144	18,954,742	240,105	35,650,371
Tacks, all kinds:					
Quantity made .....	lb.	1,921,431	-	1,962,196	
Quantity sold .....	"	2,051,754	601,554	2,034,687	570,690
Threshers and reaper-threshers .....	No.	12,891	37,433,104	11,621	36,465,347
Tools:					
Carpenters' and mechanics', including files .....	-	-	5,774,000	-	6,667,000
Machine knives .....	-	-	1,560,000	-	1,650,000
Drills, taps, bits, reamers, punches and dies (including screw plates) .....	-	-	3,605,000	-	4,492,000
Milling cutters .....	-	-	1,021,000	-	1,144,000
Gauges (plug, ring, snap, thread, etc.) .....	-	-	803,000	-	661,000
Other tools, jigs and fixtures .....	-	-	11,227,000	-	9,597,000
Typewriters:					
Portable .....	No.	46,001	2,377,637	30,963	1,764,000
Other .....	"	34,151	4,890,702	35,005	5,366,000
Washing machines, domestic:					
Electric:					
Automatic .....	No.	27,629	5,448,977	36,911	7,346,000
Conventional .....	"	192,198	18,780,608	237,056	22,553,000
Gasoline .....	"	6,411	712,684	5,304	609,000
Weeders .....	No.	2,216	607,541	1,658	480,158
Windows, metal:					
Factory and commercial, including screws and accessories:					
Steel .....	-	-	3,414,000	-	2,903,000
Aluminum .....	-	-	5,169,000	-	9,431,000
Residential, including screws and accessories:					
Steel .....	-	Included with "Factory"		Included with "Factory"	
Aluminum .....	-	-	2,023,000	-	2,873,000
Combination storm and screen:					
Steel .....	-	-	628,000	-	720,000
Aluminum .....	-	-	4,098,000	-	5,682,000
Wire, steel:					
Barbed:					
Quantity made .....	tons	7,947	-	9,531	
Quantity sold .....	"	8,033	1,220,068	9,101	1,385,553
Galvanized:					
Quantity made .....	tons	60,560	-	70,769	
Quantity sold .....	"	28,585	6,076,003	34,566	7,422,495
Other coated:					
Quantity made .....	tons	1,666	-	1,930	
Quantity sold .....	"	1,567	451,936	1,930	375,398
Plain:					
Quantity made .....	tons	254,922	-	316,593	
Quantity sold .....	"	89,636	13,943,424	114,718	18,574,703
Wire rope and cable, steel:					
Quantity sold .....	tons	19,490	12,485,589	22,629	14,123,471
Wire, twisted strand:					
Quantity sold .....	tons	7,938	2,665,951	8,018	2,684,300



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