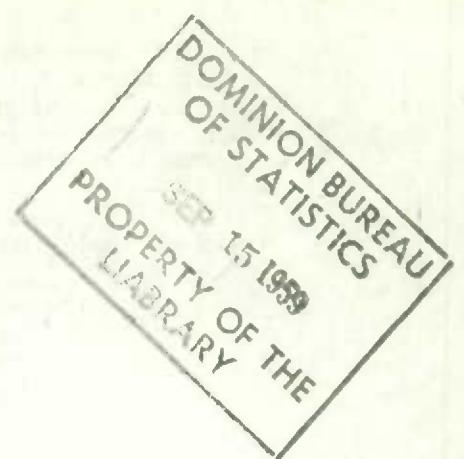


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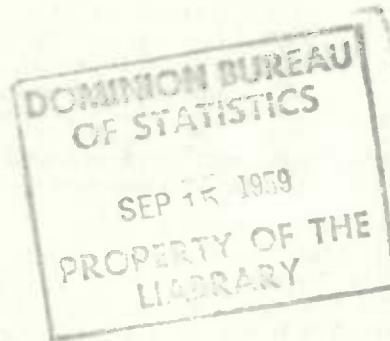
ANNUAL



IRON AND STEEL PRODUCTS

1956

GENERAL REVIEW



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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
- II — The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada
 - Section B. Atlantic Provinces
 - Section C. Quebec
 - Section D. Ontario
 - Section E. Prairie Provinces
 - Section F. British Columbia
 - Section G. The Manufacturing Industries of Canada, Regional Distribution
- III — Foods and Beverages
- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
- 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
- B — The Agricultural Implements Industry
- C — The Boilers and Plate Work Industry
- D — The Bridge Building and Structural Steel Industry
- E — The Hardware, Tools and Cutlery Industry
- F — The Heating and Cooking Apparatus Industry
- G — The Machinery Industry
- H — The Machine Shops Industry
- I — The Iron Castings Industry
- J — The Primary Iron and Steel Industry
- K — The Sheet Metal Products Industry
- L — The Wire and Wire Goods Industry
- M — The Miscellaneous Iron and Steel Products Industry

Prices of most reports released after January 1, 1959 have been increased. Information on the new prices of particular issues is available on request from the Information Services Division of the Dominion Bureau of Statistics.

IRON AND STEEL PRODUCTS 1956

GENERAL REVIEW

The gross value of production for the Iron and Steel Products group of industries totalled \$2,757 millions in 1956 compared with \$2,243 millions in 1955, an increase of about 23 per cent. The net value of production, or the value added by manufacturing, showed an increase to \$1,430 millions from \$1,188 millions in 1955.

The gross values by industries for 1956 were as follows: in millions of dollars: agricultural implements, \$123; boilers and plate work, \$111; bridge and structural steel work, \$205; hardware, tools and cutlery, \$158; heating and cooking apparatus, \$124; iron castings, \$244; machine shops, \$59; household, office and store machinery; \$128; machine tools, \$13; machinery, not elsewhere classified, \$329; primary iron and steel, \$681; sheet metal products, \$296; wire and wire goods, \$160; and miscellaneous iron and steel, \$125.

The distribution of this production by provinces was as follows, in millions of dollars: Ontario, \$1,821; Quebec, \$566; British Columbia (including Yukon), \$140; Nova Scotia, \$77; Manitoba, \$73; Alberta, \$55; New Brunswick, \$14; Saskatchewan, \$8; Newfoundland, \$2; and Prince Edward Island, \$0.2.

In 1956 a total of 2,963 factories operated in this group. These works employed 196,918 people who were paid \$766 millions in salaries and wages. Materials used in manufacturing processes cost \$1,316 millions and fuel and electricity cost \$65 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.

Note: Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

IRON AND STEEL PRODUCTS

TABLE 1. Principal Statistics for the Iron and Steel Products Group, by Industries, 1955 and 1956

Industry	Establishments	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 manufacturer ¹
1955							
number							
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	51,813,530
Bridge and structural steelwork	49	11,863	46,557,144	1,527,085	79,731,908	157,712,340	76,453,347
Hardware, tools and cutlery	379	13,115	44,581,498	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	97,595,101
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	281,030,420
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	68,537,562	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	65,355,760
Total	2,894	181,700	667,657,079	54,743,770	1,005,246,993	2,242,717,918	1,188,483,257
1956							
number							
Agricultural implements	71	9,838	36,703,578	1,872,226	64,786,280	122,661,025	51,474,339
Boilers and plate work	103	9,004	34,384,694	1,451,024	56,998,458	110,697,040	53,533,046
Bridge and structural steel work	51	13,707	58,440,200	1,813,402	103,229,597	204,771,553	99,728,554
Hardware, tools and cutlery	392	14,614	51,857,827	2,200,955	60,033,290	158,406,440	98,882,470
Heating and cooking apparatus	117	9,438	33,371,127	1,572,982	65,663,194	123,626,040	60,116,307
Iron castings	199	17,361	66,815,656	4,184,022	123,391,722	244,028,587	122,732,230
Machine shops	683	7,737	25,239,627	1,129,746	20,714,664	59,235,440	37,601,274
Machinery, household, office and store	74	9,473	33,302,657	1,013,861	64,971,338	128,254,564	65,594,236
Machine tools	11	1,472	5,927,401	155,081	5,402,839	13,495,383	8,353,769
Machinery, not elsewhere classified	329	26,575	102,884,112	3,164,606	142,776,773	329,447,227	200,479,761
Primary iron and steel (pig iron, ferro-alloys, steel and rolled products)	50	36,043	162,880,867	38,311,951	301,298,582	680,860,470	352,522,996
Sheet metal products	381	20,012	73,745,487	3,172,301	162,747,089	296,043,128	135,728,461
Wire and wire goods	133	10,195	39,801,217	2,136,471	89,906,441	160,458,338	72,529,912
Miscellaneous iron and steel	369	11,449	41,021,637	3,161,355	53,893,506	124,764,242	70,705,790
Total	2,963	196,918	766,376,087	65,339,983	1,315,813,753	2,756,769,477	1,429,985,145

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 on capital, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Principal Statistics for the Iron and Steel Products Group, by Provinces, 1955 and 1956

Province	Establishments	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 manufacturer ¹
1955							
number							
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	31,436,729
New Brunswick	31	1,205	3,378,842	226,023	5,162,096	11,517,473	6,091,127
Quebec	679	41,501	142,366,167	8,310,594	201,220,053	463,989,550	253,402,748
Ontario	1,475	115,318	438,117,690	39,826,752	673,665,987	1,488,210,691	781,689,380
Manitoba	126	4,937	17,574,860	1,124,211	24,796,148	58,374,050	33,244,555
Saskatchewan	53	713	2,288,782	115,467	3,613,124	7,219,093	3,522,471
Alberta	153	3,464	12,002,292	501,370	18,568,027	40,552,978	21,658,164
British Columbia	311	8,122	30,392,212	1,611,846	48,240,110	104,290,921	55,755,273
Yukon	1						
Canada	2,894	181,700	667,657,079	54,743,770	1,005,246,993	2,242,717,918	1,188,483,257
1956							
number							
Newfoundland	10	284	840,864	62,101	883,659	2,136,778	1,401,323
Prince Edward Island	4	27	63,472	2,794	94,554	184,101	92,718
Nova Scotia	49	6,596	23,551,125	3,951,228	38,403,611	76,547,067	36,438,393
New Brunswick	31	1,350	3,858,532	265,213	6,928,004	14,062,451	7,102,185
Quebec	704	44,593	164,222,367	10,165,172	268,482,367	566,429,391	301,439,896
Ontario	1,497	123,365	496,123,648	46,685,258	865,555,742	1,821,034,425	940,193,303
Manitoba	130	5,542	19,793,751	1,346,659	35,083,313	72,773,774	38,375,541
Saskatchewan	50	851	2,504,993	113,876	4,649,601	8,026,237	3,364,004
Alberta	160	4,232	15,417,023	777,372	28,468,054	55,266,716	27,832,588
British Columbia	327	10,078	40,000,312	1,970,310	67,264,848	140,288,537	73,745,194
Yukon	1						
Canada	2,963	196,918	766,376,087	65,339,983	1,315,813,753	2,756,769,477	1,429,985,145

¹ See footnote to text.

TABLE 3. Inventories¹ in the Iron and Steel Products Group, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
(a) By Industries				
Opening:				
Agricultural implements	14,933,632	12,345,332	18,070,584	45,349,548
Boilers and plate work	10,610,214	8,742,226	6,284,070	25,636,510
Bridge and structural steel work	28,096,850	7,596,806	1,283,009	36,978,665
Hardware, tools and cutlery	12,895,554	8,639,381	11,708,977	33,243,912
Heating and cooking apparatus	11,290,845	4,714,362	9,181,534	25,186,741
Iron castings	15,206,720	9,013,712	15,450,727	39,671,159
Machine shops	4,223,378	1,665,314	712,200	6,600,892
Machinery, household, office and store	13,210,034	10,620,754	12,825,864	36,656,652
Machine tools	1,069,459	1,110,057	1,417,264	3,596,780
Machinery, not elsewhere classified	25,456,111	24,994,921	19,682,141	70,133,173
Primary iron and steel (pig iron, ferro-alloys, steel and rolled products)	57,811,047	25,778,079	21,399,131	104,988,257
Sheet metal products	26,039,456	11,578,878	15,049,285	52,667,599
Wire and wire goods	13,707,657	2,417,481	11,508,922	27,634,060
Miscellaneous iron and steel	12,654,606	6,684,938	3,667,407	23,006,951
Total	247,205,563	135,904,241	148,241,095	531,350,899
Closing:				
Agricultural implements	15,671,034	11,390,258	14,477,478	41,538,770
Boilers and plate work	14,311,179	12,230,185	4,081,599	30,622,963
Bridge and structural steel work	44,636,535	11,026,300	2,171,599	58,034,434
Hardware, tools and cutlery	16,255,561	9,301,985	13,756,648	39,314,194
Heating and cooking apparatus	12,068,313	5,834,454	11,789,885	29,692,652
Iron castings	22,882,906	11,594,202	19,149,624	53,626,732
Machine shops	4,743,001	1,797,436	790,322	7,330,759
Machinery, household, office and store	14,109,936	10,941,267	15,830,222	40,881,425
Machine tools	1,227,186	1,994,214	949,413	4,170,813
Machinery, not elsewhere classified	34,378,796	35,573,282	26,077,693	96,029,771
Primary iron and steel (pig iron, ferro-alloys, steel and rolled products)	80,916,657	32,328,096	26,122,173	139,366,926
Sheet metal products	33,767,410	14,979,894	17,252,932	66,000,258
Wire and wire goods	19,896,328	3,026,928	15,013,961	37,937,217
Miscellaneous iron and steel	17,175,395	8,805,066	4,543,688	30,524,149
Total	332,240,237	170,823,567	172,007,257	675,071,061
(b) By Provinces				
Opening:				
Newfoundland	172,703	54,092	81,902	308,697
Prince Edward Island	6,400	5,000	7,195	18,595
Nova Scotia	8,920,928	2,178,582	1,462,955	12,562,485
New Brunswick	1,373,396	293,673	790,035	2,457,104
Quebec	46,557,350	26,883,964	28,756,002	102,197,316
Ontario	161,361,913	95,135,531	108,063,070	364,560,514
Manitoba	8,138,185	3,583,624	1,975,059	13,696,868
Saskatchewan	1,133,968	296,464	557,992	1,988,424
Alberta	6,409,842	1,960,301	1,349,962	9,720,105
British Columbia and Yukon	13,130,878	5,513,010	5,196,923	23,840,811
Canada	247,205,563	135,904,241	148,241,095	531,350,899
Closing:				
Newfoundland	238,971	223,728	122,571	585,270
Prince Edward Island	14,416	6,458	11,702	32,576
Nova Scotia	12,160,328	3,006,725	3,018,179	18,183,232
New Brunswick	1,819,830	380,665	935,994	3,136,489
Quebec	64,228,003	33,190,276	35,971,352	133,389,631
Ontario	212,604,562	118,243,850	119,841,133	450,689,545
Manitoba	12,849,772	5,482,841	2,727,076	21,059,689
Saskatchewan	1,161,848	374,773	580,927	2,117,548
Alberta	9,040,570	3,123,774	1,863,879	14,028,223
British Columbia and Yukon	18,121,937	6,790,477	6,936,444	31,848,858
Canada	332,240,237	170,823,567	172,007,257	675,071,061

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.

(c) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as: the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for "Value added by manufacture" for the previous year does not need to be altered because of such changes in the composition of the industry.

IRON AND STEEL PRODUCTS

TABLE 4. Employees and Earnings in the Iron and Steel Products Group, by Industries, 1955 and 1956

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								thousands of dollars						
1955														
Agricultural implements	2,225	576	8,858	94	11,753	11,245	30,684	41,929						
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	32,998	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	29,799						
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	4,692						
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						
Total	30,473	10,352	134,125	6,750	181,700	174,476	493,181	667,657						
1956														
Agricultural implements	2,043	524	7,182	89	9,838	10,776	25,927	36,703						
Boilers and plate work	1,928	618	6,435	23	9,004	10,635	23,750	34,385						
Bridge and structural steel work	2,499	580	10,610	18	13,707	15,565	42,875	58,440						
Hardware, tools and cutlery	2,164	1,082	9,757	1,611	14,614	14,333	37,525	51,858						
Heating and cooking apparatus	1,739	722	6,719	258	9,438	10,701	22,670	33,371						
Iron castings	1,963	772	14,350	276	17,361	12,429	54,387	66,816						
Machine shops	1,488	293	5,847	109	7,737	6,861	18,379	25,240						
Machinery, household, office and store	1,685	685	6,146	957	9,473	9,665	23,637	33,302						
Machine tools	292	104	1,076	—	1,472	1,987	3,940	5,927						
Machinery, not elsewhere classified	5,749	2,222	17,931	673	26,575	33,810	69,074	102,884						
Primary iron and steel (pig iron, ferro-alloys, steel and rolled products)	3,881	1,090	30,671	201	36,043	26,703	136,178	162,881						
Sheet metal products	3,094	1,157	14,127	1,634	20,012	19,619	54,127	73,746						
Wire and wire goods	1,488	644	7,269	794	10,195	9,566	30,235	39,801						
Miscellaneous iron and steel	1,984	509	8,536	420	11,449	10,705	30,317	41,022						
Total	31,997	11,002	146,856	7,063	196,918	193,355	573,021	766,376						

TABLE 5. Employees and Earnings in the Iron and Steel Products Group, by Provinces, 1955 and 1956

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								thousands of dollars						
1955														
Newfoundland	36	18	241	—	295	218	604	822						
Prince Edward Island	6	1	17	—	24	26	37	63						
Nova Scotia	587	131	5,392	11	6,121	3,081	17,568	20,649						
New Brunswick	177	78	934	16	1,205	949	2,430	3,379						
Quebec	7,638	2,382	29,925	1,556	41,501	40,511	101,857	142,368						
Ontario	18,942	6,923	84,694	4,759	115,318	112,838	325,280	438,118						
Manitoba	933	230	3,744	30	4,937	4,916	12,659	17,575						
Saskatchewan	144	39	523	7	713	746	1,543	2,289						
Alberta	657	164	2,593	50	3,464	3,275	8,727	12,002						
British Columbia and Yukon	1,353	386	6,062	321	8,122	7,916	22,476	30,392						
Canada	30,473	10,352	134,125	6,750	181,700	174,476	493,181	667,657						
1956														
Newfoundland	38	10	237	1	284	166	674	840						
Prince Edward Island	7	1	19	—	27	19	44	63						
Nova Scotia	641	130	5,808	17	6,596	3,553	19,999	23,552						
New Brunswick	192	66	1,051	41	1,350	1,070	2,789	3,859						
Quebec	7,710	2,405	33,028	1,450	44,593	43,883	120,340	164,223						
Ontario	20,012	7,477	90,802	5,074	123,365	125,423	370,701	496,124						
Manitoba	950	253	4,294	45	5,542	5,297	14,496	19,793						
Saskatchewan	133	38	676	4	851	846	1,859	2,505						
Alberta	785	178	3,213	56	4,232	4,063	11,354	15,417						
British Columbia and Yukon	1,531	444	7,728	375	10,078	9,235	30,765	40,000						
Canada	31,997	11,002	146,856	7,063	196,918	193,355	573,021	786,376						

TABLE 6. Wage-earners Employed in the Iron and Steel Products Group, by Months and by Industries, 1956

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	8,980	5,958	9,003	11,043	6,547	14,705	5,674	6,712
February	9,449	6,054	9,823	11,087	6,756	14,929	5,763	6,780
March	9,553	6,165	10,252	11,393	6,808	14,980	5,866	6,828
April	9,048	6,174	10,609	11,396	6,774	15,015	5,876	6,929
May	8,456	6,557	10,772	11,383	6,947	14,955	5,936	7,001
June	8,442	6,665	11,149	11,472	7,010	14,806	6,055	7,025
July	7,901	6,679	10,866	11,355	7,004	14,589	6,038	7,084
August	3,981	6,981	11,087	11,425	7,364	13,561	6,090	7,172
September	3,760	5,989	10,692	11,471	7,580	14,617	6,109	6,924
October	4,971	6,795	11,333	11,537	7,298	14,682	6,051	7,482
November	6,080	6,734	11,399	11,546	7,328	14,744	5,980	7,600
December	6,563	6,699	10,578	11,296	6,382	13,996	5,964	7,640
Average	7,271	6,458	10,628	11,388	8,977	14,626	5,956	7,103
	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	
	number							
January	940	16,937	28,701	14,373	7,722	8,715	146,010	
February	966	16,972	29,325	14,818	7,782	8,603	149,107	
March	985	17,463	29,703	14,981	8,066	8,618	151,661	
April	998	18,158	30,391	15,259	8,171	8,706	153,504	
May	1,059	18,612	31,250	15,798	8,236	8,821	155,783	
June	1,103	18,996	31,917	16,569	8,215	8,951	158,375	
July	1,116	19,066	32,208	16,696	7,902	8,965	157,469	
August	1,152	19,159	32,310	16,677	7,827	9,214	154,000	
September	1,163	19,487	31,976	16,548	8,096	9,310	153,722	
October	1,174	19,667	31,843	16,192	8,300	9,305	156,610	
November	1,139	19,562	31,844	15,801	8,311	9,222	157,290	
December	1,118	19,419	31,386	15,312	8,165	9,097	153,615	
Average	1,078	18,604	31,072	15,761	8,063	8,956	153,919	

TABLE 7. Wage-earners Employed in the Iron and Steel Products Group, by Months and by Provinces, 1956

Month	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia ¹	Canada
	number										
January	221	15	5,278	1,004	32,621	92,489	3,918	516	2,770	7,178	146,010
February	227	16	5,578	1,021	32,964	94,377	4,064	559	2,825	7,476	149,107
March	234	19	5,483	1,012	33,553	95,864	4,190	578	2,932	7,796	151,661
April	239	23	5,658	1,075	34,291	96,311	4,218	628	2,990	8,071	153,504
May	240	21	5,951	1,109	34,549	97,349	4,330	674	3,260	8,300	155,783
June	238	21	5,957	1,161	35,111	98,823	4,468	684	3,506	8,406	158,375
July	258	21	5,924	1,136	34,913	97,949	4,598	718	3,508	8,444	157,469
August	251	20	6,100	1,142	34,925	94,190	4,584	875	3,563	8,350	154,000
September	246	20	6,037	1,150	35,295	93,551	4,617	877	3,527	8,402	153,722
October	238	17	6,021	1,143	35,315	96,532	4,532	810	3,487	8,515	156,610
November	235	17	6,196	1,149	35,413	97,435	4,318	659	3,515	8,353	157,290
December	231	17	5,720	934	34,840	95,869	4,215	601	3,300	7,888	153,615
Average	238	19	5,825	1,092	34,478	95,878	4,339	680	3,269	8,103	153,919

¹ Includes Yukon.

TABLE 8. Alphabetical List of Materials Used in the Industries in the Iron and Steel Products Group, 1955 and 1956

Material	1955		1956		
	Quantity	Cost at works	Quantity	Cost at works	
Acid:		\$		\$	
Muriatic	lb.	3,907,962	116,784	2,688,357	120,256
Sulphuric	"	70,774,538	988,454	78,937,999	1,092,649
Aluminum all forms	"	47,516,648	21,297,644	50,137,687	24,478,999
Axes, old, for re-rolling	ton	9,220	333,186	8,906	471,567
Babbitt metal and solders	lb.	2,981,362	961,996	2,568,030	943,682
Bars and rods, iron and steel (except alloy)	ton	384,937	49,038,479	433,628	61,762,766
Bentonite	"	4,982	161,246	6,701	229,081
Billets and slabs, steel:					
Companies' own make.....	"	132,924	—	142,058	—
Purchased	"	98,547	7,471,993	153,057	13,294,770
Brass and bronze, all forms	lb.	29,029,586	13,160,455	30,948,797	15,749,758
Calcium molybdate and molybdenum trioxide briquettes	ton	453	576,122	512	693,982
Calcium manganese silicon	"	134	61,843	175	91,325
Calcium silicon	"	191	85,685	307	160,014
Castings:					
Iron (Gray & malleable)	"	1	1	86,544	20,993,707
Steel	"	1	1	19,153	8,384,253
Charcoal for steel and ferro-alloy furnaces	"	54	4,060	76	6,627
Coal:					
Anthracite, for steel and ferro-alloy furnaces	"	29,355	381,597	49,946	597,004
Bituminous, for steel and ferro-alloy furnaces	"	30,700	387,139	55,338	759,093
Coke (charged to blast furnaces, cupolas, etc.)	"	3,002,730	42,089,266	3,284,081	47,905,115
Coke, petroleum	"	61,240	785,352	75,649	1,113,085
Copper, all forms	lb.	7,882,410	4,101,827	7,295,378	4,890,473
Core oil	Imp. gal.	338,931	341,255	370,418	444,546
Cork discs (for bottle caps)	—	—	1,347,859	—	1,323,499
Cotton, duck and other textiles for farm implements	—	—	240,494	—	252,640
Dolomite	ton	474,955	2,829,910	518,591	3,211,114
Diamonds (industrial)	—	—	1,491,359	—	2,651,412
Electrodes, for steel and ferro-alloy furnaces	—	—	2,945,688	—	3,276,086
Ferro-alloys used in steel furnaces, etc.:					
Ferrochrome, including chrom-x	ton	6,406	2,651,805	7,091	3,239,076
Ferromanganese	"	33,454	7,208,024	37,370	8,722,707
Ferrosilicon	"	14,946	2,072,213	11,379	1,539,558
Ferrophosphorus	"	193	18,687	231	24,317
Ferrotitanium	"	156	48,074	277	84,303
Ferrotungsten	"	53	196,376	37	180,436
Silicomanganese	"	6,962	1,535,894	7,958	1,861,385
Spiegeleisen	"	550	43,650	1,178	99,151
Ferromolybdenum	"	77	143,977	169	347,813
Ferrovanadium	"	77	278,921	97	354,357
Other ferro-alloys	—	—	950,869	—	2,399,310
Firebrick (also see next item)	—	—	677,151	—	750,995
Firebrick, fireclay and cupola blocks, (not shown separately)	—	—	6,922,079	—	9,441,101
Fireclay (also see previous item)	ton	11,871	204,356	18,026	243,893
Fluorspar used in steel and ferro-alloy furnaces	"	18,610	577,438	18,979	649,617
Frit for enamelling	—	—	921,889	—	1,120,903
Ganister	ton	3,990	23,353	3,204	18,792
Handles for tools	—	—	811,635	—	894,892
Ingots and blooms, steel:					
Companies' own make (value not given)	ton	4,278,309	—	5,143,039	—
Purchased	"	1,377	514,000	757	242,000
Iron pig:					
Companies' own make (value not given)	"	2,545,522	—	2,892,126	—
Purchased	"	301,247	16,794,681	335,227	19,542,265
Iron and steel, n.e.s.	—	—	36,323,040	—	25,710,483
Lead, all forms	lb.	1,988,039	320,421	2,128,128	407,211
Lime	ton	140,947	1,812,677	150,197	2,084,316
Limestone used in iron, steel and ferro-alloy furnaces	"	1,286,365	2,778,692	1,326,960	2,884,451
Linseed oil	Imp. gal.	32,079	39,121	35,580	41,347
Lumber	M ft. b.m.	42,029	4,376,790	46,808	5,161,814
Magnesite used in steel furnaces	ton	10,353	619,131	10,784	876,943
Metals, non-ferrous, n.e.s.	ton	—	2,767,930	—	1,869,234
Mill cinder, scale, slag, etc.	ton	706,053	5,760,563	272,134	870,752
Nail plate:					
Companies' own make	lb.	2,312,000	144,115	1,469,307	95,251
Purchased	—	—	—	—	61,721
Nickel, all forms (except nickel-copper shot)	lb.	5,218,641	3,280,273	7,028,500	4,548,691
Ore:					
Iron, beneficiated	ton	573,206	5,204,150	1,983,127	20,201,887
Iron, crude	"	5,094,749	44,183,909	5,034,507	48,255,727
Tungsten	"	40	103,339	56	147,244
Paints, oils and varnishes	—	—	7,279,711	—	8,478,559
Pipe, tubes and fittings, iron and steel (except boiler tubes)	—	—	9,421,086	—	13,860,558
Plates, steel (3/16" and thicker, except alloy)	ton	252,074	32,255,997	282,200	41,914,115
Plumbago and graphite	lb.	2,704,439	175,525	3,516,112	232,513
Quartzite for ferro-alloys	ton	103,494	424,862	145,453	447,615
Rails, old, for re-rolling	"	66,677	2,853,077	71,759	4,010,116
Rods, steel wire, for drawing:					
Companies' own make	ton	197,168	21,197,978	247,342	29,287,027
Purchased	"	134,870	12,598,918	134,174	13,263,311
Sal ammoniac (ammonium chloride)	lb.	822,817	76,262	526,338	47,666
Sands, foundry (including silica sand for sand blasting)	ton	253,559	1,928,789	387,697	2,838,038

* Not available separately.

TABLE 8. Alphabetical List of Materials Used in the Industries in the Iron and Steel Products Group, 1955 and 1956 — Concluded

Material	1955		1956	
	Quantity	Cost at works	Quantity	Cost at works
Scrap iron and steel:		\$		\$
Companies' own make used in steel furnaces (value not given)	ton 1,239,063	—	2,906,376	—
Companies' own make used in iron foundries	" 39,128	1,349,433	46,938	1,832,865
Purchased	" 1,668,918	52,103,612	2,123,497	88,938,287
Sheets, steel (except alloy):				
Galvanized	" 114,250	20,332,157	136,889	25,820,249
Plain (black)	" 318,987	43,456,611	368,373	53,794,564
Tin plate	" 272,500	49,446,405	259,207	48,171,890
Skull, steel	" 332,129	33,201,359	See below for 1956*	
Sodium nitrate	" 639	37,527	590	34,705
Strip, steel (except alloy)	" 49,033	7,351,828	43,765	7,691,764
Structural shapes, steel	" 438,375	54,443,604	465,772	87,246,322
Steel, alloy all kinds	" —	24,463,081	—	30,886,358
Steel, sheet and strip, hot or cold rolled for pipes and tubes	ton See above for 1955*		463,549	51,352,582
Sulphur	" 65	5,731	86	8,554
Toolplate:				
Companies' own make	lb. —	—	797,192	50,199
Purchased	" 1,785,613	138,878	3,001,417	374,725
Tin	" 4,273,304	3,895,666	4,885,861	4,607,400
Tubes, boiler, lap-welded and seamless	" —	1,901,426	—	2,487,929
Tungsten carbide powder	" —	770,945	—	894,445
Wire, iron and steel, plain, galvanized and coated, other	ton 110,579	21,144,633	137,563	28,140,152
Zinc, all forms	lb. 58,688,934	7,777,417	69,119,312	10,067,345
Containers and packing materials	" —	11,553,401	—	15,412,168
All other materials	" —	282,152,578	—	383,949,321
Total	" —	— 1,005,248,993	—	1,315,813,753

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel 1955 and 1956

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	1955		1956	
	Quantity shipped	Value of factory shipments	Quantity shipped	Value of factory shipments
Axes and hatchets	No. 504,000	\$ 893,000	512,000	\$ 1,013,000
Bars, ties, wire:				
Quantity made	ton 3,442	—	4,485	—
Quantity sold	" 3,449	674,792	4,435	1,047,953
Barrels and drums, steel:				
Repeat shippers	No. 123,530	\$ 909,119	160,753	1,353,066
One-time shippers	" 1,019,297	3,199,540	1,269,304	3,568,863
Bars, steel, hot-rolled, all kinds:				
Quantity made	ton 742,494	—	947,979	—
Quantity sold	" 621,819	79,841,771	795,675	112,281,656
Blowers, grain	No. 94	64,805	312	142,723
Blooms, billets and slabs, steel:				
(a) Except for forging:				
Quantity made	ton 2,864,919	—	3,490,564	—
Quantity sold	" 227,833	16,552,854	133,991	9,290,169
(b) For forging:				
Quantity made	" 77,806	—	113,328	—
Quantity sold	" 70,813	6,581,780	102,978	11,282,967
Boilers:				
Heating boilers:				
Cast iron sectional:				
(a) Under 775 sq. ft.	No. 8,610	\$ 1,182,535	8,265	\$ 1,107,730
(b) 776-1,499 sq. ft.	" 2,547	759,342	2,482	952,264
(c) 1,500 sq. ft. and over	" 1,503	1,174,707	1,571	1,196,511
Steel:				
(a) 522 sq. ft. and under (heating surface)	" 7,640	3,066,573	8,445	4,605,001
(b) Over 522 sq. ft. (heating surface)	" 432	921,688	432	1,058,148

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel 1955 and 1956 — Continued

Product	1955		1956	
	Quantity shipped	Value of factory shipments	Quantity shipped	Value of factory shipments
Boilers — Concluded:		\$		\$
Power boilers:				
Water tube, horizontal type	No.	6	79,500	1
Water tube, vertical type	"	19	35,797	1
Water tube, bent tube type	"	—	8,044,687	1
Horizontal return tubular	No.	184	706,633	1
Marine type	"	66	220,281	42
Steel firebox, locomotive type	"	8	29,139	1
Firetube, vertical type	"	14	24,984	1
Water tube package boiler units	"	1	—	124
Fire tube package boiler units	"	1	—	2,423,953
Firetube boilers	"	1	—	1,086,012
Firetube boilers	"	1	—	302,222
Boilers, type not specified	—	—	1,832,147	—
Bottle caps, metal	—	—	12,172,000	—
Cans, metal	—	—	88,559,000	—
Castings, iron, (except pipe and fittings):				
Grey and white	ton	591,000	—	669,000
Malleable	"	33,000	—	44,000
Castings:				
Steel:				
Quantity made	ton	88,331	—	120,781
Quantity sold	"	83,387	35,816,222	116,348
Cultivators	No.	12,870	2,809,700	13,726
Cutlery, steel (paring knives, bread knives, scissors, etc.)	—	—	2,568,000	—
Drills, seeding	No.	1,881	775,703	1,024
Eavestrough	—	—	3,426,000	—
Fencing, steel wire:				
Farm	ton	13,841	2,826,284	12,968
Lawn	"	1,292	353,216	1,457
Chain link fabric	"	5,311	1,632,303	5,877
Ferro-alloys	"	189,805	—	240,480
Forks, farm or garden, hand	No.	281,000	418,000	301,000
Furnaces, warm air	"	124,336	24,144,713	142,324
Hardware:				
Builders' and shelf	—	—	17,000,000	—
Harness and saddlery	—	—	207,000	—
Pole line (except insulators)	—	—	9,130,000	—
Automobile	—	—	7,254,000	—
Furniture and cabinet	—	—	3,408,000	—
Trunk and suitcase	—	—	421,000	—
Other	—	—	2,689,000	—
Harrows, all kinds except harrow-plows	No.	50,352	3,058,704	44,016
Harrow-plows, one-way discs and tiller-combines	"	3,279	1,719,731	4,392
Hay loaders	"	1,272	286,545	304
Hay rakes, including combination side rakes and tedders	"	9,937	2,184,269	6,987
Heaters, domestic water-tank:				
Cast iron for coal, wood or oil (120 gallons or less)	No.	643	29,117	370
Gas, automatic	"	36,504	2,233,964	40,691
Gas, not automatic	"	10,428	146,785	8,637
Electric, circulating type	"	33,425	255,282	31,443
Electric, Immersion type	"	203,328	556,577	224,522
Clamp-on type	"	23,405	98,588	15,498
Electric, automatic storage tank type, including tank and controls	"	48,921	3,341,753	58,243
Heaters, unit, all types	"	23,624	4,427,004	31,387
Hoes, hand	"	211,000	225,000	209,000
Ingots, steel:				
Quantity made	ton	4,446,341	—	5,180,421
Quantity sold	"	117,727	7,866,025	47,940
Iron, pig:				
Quantity made	"	3,215,367	—	3,568,203
Quantity sold	"	609,978	30,539,000	649,213
Kitchenware:				
Aluminum	—	—	6,831,000	—
Enamelled	—	—	1,188,000	—
Lath and corner bead, metal	—	—	3,664,000	—

See footnotes at end of table.

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel 1955 and 1956 - Continued

Product	1955		1956	
	Quantity shipped	Value of factory shipments	Quantity shipped	Value of factory shipments
		\$		\$
Machinery:				
Air compressors:				
Stationery type	—	4,601,000		
Portable type	—	1,217,000		
Air-conditioning equipment:				
Room air conditioners, window type	1,975	806,000		
Self-contained air conditioners, except window type - 2-5 h.p.	498	385,000		
— over 5 h.p.				
Air conditioners, central plant, domestic	—	3,123,000		
All other air-conditioning equipment.....				
Bakers' machinery:				
Mixing machines.....	709	600,000		
Ovens.....	262	492,000		
Other bakers' machinery and parts	—	371,000		
Baling machines.....	104,705	1,761,000		
Blowers for domestic furnaces.....	—	103,000		
Bottling machinery and parts	—	1,167,000		
Canning machinery and parts	—	2,168,000		
Cement mill machinery and parts	—	462,000		
Chlorinators and chlorine control apparatus				
Coal-cleaning and coal-pulverizing machinery and parts				
Concrete-making machinery:				
Concrete mixers	3,821	1,387,000		
Concrete block machines	134	39,000		
Other concrete-making machinery and parts	—	443,000		
Conveying and elevating machinery (except passenger and freight elevators) and parts	—	13,164,000		
Cream separators	1,600	180,000		
Dairy and creamery machinery and parts, except cream separators, but including milking-machines, churns, pasteurizers, etc.	—	3,721,000		
Dish-washing machinery (except domestic)	—	1,127,000		
Electric appliances, motor-driven, not elsewhere specified	—	11,320,000		
Elevators, freight and passenger, and parts	—	12,571,000		
Engines (except automobile and aircraft):				
Steam, including steam turbines	—	394,000		
Gasoline (except automobile):				
Marine type, including outboard.....	—			
Other types (including industrial gas engines)	71,457	12,598,000		
Diesel	166	4,885,000		
Engine parts	—	3,912,000		
Fire-fighting equipment (except hand extinguishers)	—	2,476,000		
Floor polishers, electric, (domestic and industrial)	190,065	6,130,000		
Flour mill and grist machinery and parts	—	528,000		
Generators and parts, electric, A.C. and D.C.	—	9,278,000		
Grain elevator machinery and parts	—	1,452,000		
Hoisting machinery and parts, including chain blocks, monorail electric hoists, overhead cranes, etc., but excluding mine hoists	—	9,231,000		
Household machinery:				
Washing machines:				
Electric:				
Automatic	36,911	7,046,000		
Conventional (including apartment size)	237,056	22,553,000		
Gasoline	5,304	609,000		
Irons (operated by own motor)	4,374	415,000		
Dryers, clothes, automatic electric	38,017	5,191,000		
Refrigerators, household mechanical, complete units, (electric and gas), all sizes	271,582	49,558,000		
Compressors and condensing units, domestic, for assembly in individual household cabinets	23,825	1,631,000		
Vacuum cleaners, electric:				
Floor models	19,795	1,341,000		
Cylinder models	125,711	6,832,000		
Hand models	—	1,008,000		
Attachments and parts	—	20,924,000		
Other household machinery (including sewing-machines) and parts	—	1,932,000		
Laundry, cleaning and pressing machinery and parts				
Lawn mowers:				
Hand	25,336	280,000		
Power	78,007	3,849,000		
Leather-working machinery and parts	—	1,008,000		
Logging machinery and parts	—	1,956,000		
Metal-working machinery (machine tools):				
Boring machines	4	4		
Drilling machines	873	560,000		
Grinding machines	—	98,000		
Lathes	196	915,000		
Milling machines	4	4		
Threading machines	4	4		
Planets	—	1,337,000		
Presses (forming, stamping, etc.)	4	4		
Saws	148	136,000		
Shearing machines	4	4		
Rolls, bending and straightening	—	1,992,000		
Other machine tools	—	1,653,000		
Machine tool parts and accessories	—	92,000		
Metal-working machinery (except machine tools)				

See
following

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel 1955 and 1956 - Continued

Product	1955		1956	
	Quantity shipped	Value of factory shipments	Quantity shipped	Value of factory shipments
Machinery - Continued:		\$		\$
Mining and metallurgical machinery:				
Agitators	-	153,000		
Ball and rod mills	21	816,000		
Classifiers	13	118,000		
Diamond drills	-	948,000		
Filters	-	708,000		
Flotation machines	-	60,000		
Hoists	-	1,966,000		
Mine cars	901	590,000		
Skips and cages	-	384,000		
Thickenets	42	164,000		
Other mining and metallurgical machinery	-	6,360,000		
Parts for mining machinery (including rock drill bits)	-	16,886,000		
Motors, electric, and parts	-	40,394,000		
Motor-generator sets	268	1,644,000		
Office, business and store machinery:				
Adding machines	19,057	2,868,000		
Scales:				
For stores, homes and offices:				
For retail use	31,650	726,000		
For domestic use				
Industrial:				
Bench or portable type	7,318	1,353,000		
Built-in or pit type	565	558,000		
Typewriters:				
Standard, including long carriage'	35,005	5,366,000		
Portable	30,963	1,764,000		
Electric		See "Standard"		
Other, including accounting machines, cash registers, time recorders, meat slicers, bread slicers, calculating-machines, etc., and parts	-	26,047,000		
Oil burners:				
Power type:				
For house heating	125,639	11,283,000		
Commercial and industrial	1,070	726,000		
Oil burner parts	-	2,119,000		
Plastics machinery and parts	-	32,000		
Printing-machinery and parts	-	413,000		
Pulp-making and paper-making machinery and parts	-	17,083,000		
Pumps:				
Centrifugal	-	6,647,000		
Cistern and pitcher	14,837	108,000		
Deep well	423	117,000		
Rotary	-	951,000		
Sump	33,622	1,242,000		
Vacuum	-	365,000		
Direct-acting steam piston and electric	2,560	1,509,000		
Other power pumps	-	1,563,000		
Self-contained household water system:				
Deep well - Jet type	4,539	514,000		
Non-jet type	883	199,000		
Shallow well - Jet type	6,698	573,000		
Non-jet type	42,726	3,670,000		
Pump jacks	2,721	94,000		
Hand pumps	33,063	276,000		
Pump parts, including repair parts	-	3,073,000		
Gasoline-dispensing pumps	10,031	4,504,000		
Refrigerating and ice-making machinery and equipment (except household refrigerators and condensing units)	-	24,907,000		
Road-making machinery:				
Angle dozers	673	1,351,000		
Graders	212	2,636,000		
Rollers	10	57,000		
Scrapers	32	86,000		
Snow ploughs	-	494,000		
Other road-making machinery	-	2,071,000		
Parts for road-making machinery	-	1,532,000		
Rolling mill machinery and parts	-	913,000		
Rubber mill machinery and parts	-	1,416,000		
Sawmill machinery and parts	-	3,526,000		
Saws, power-chain	-	8,643,000		
Saws, power-chain parts	-			
Service station and garage machinery (except pumps):				
Auto lifts	2,322	1,220,000		
Other service station equipment	-	675,000		
Ships' machinery and fittings	-	10,154,000		
Shovels, power	-	112,000		
Stone working machinery and parts	-			
Stokers, mechanical:				
Domestic or residential	791	210,000		
Commercial and industrial	445	717,000		
Stoker parts, including repair parts	-	916,000		
Textile machinery and parts	-	380,000		
Transmission machinery, including brackets, hangers, shafting and other parts (including ball and roller bearings)	-	19,625,000		
Vending machines, automatic	-	183,000		

See footnotes at end of table.

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel, 1955 and 1956 - Continued

Product	1955		1956	
	Quantity shipped	Value of factory shipments	Quantity shipped	Value of factory shipments
Machinery - Continued:		\$		\$
Ventilating, exhaust and dust-collecting equipment:				
Blowers, complete with equipment	-	7,749,000		
Fans, complete with equipment				
Other equipment				
Vulcanizers	2	2		
Water-wheels and turbines	-	12,608,000		
Water softeners, domestic	6,777	623,000		
Welding machinery:				
Electric arc-welding equipment with controls	-	3,598,000		
Other electric welding apparatus				
Wood-working machinery (including hobby tools):				
Band-sawing machines	1,450	262,000		
Boring machines	592	24,000		
Lathes	1,524	56,000		
Matchers and planers	109	447,000		
Moulders	21	132,000		
Rip and cross-cut saws	21,278	974,000		
Sanders	3,003	100,000		
Shapers and jointers	3,588	243,000		
Surfacing	115	14,000		
Tenoners and mortisers	110	111,000		
Other wood-working machinery and parts	-	1,336,000		
All other machinery and parts, not separately specified	-	23,109,000		
Total of items reported by only one or two firms indicated by ²	-	4,353,000		
Compressors and pumps:				
Air compressors:				
Stationary type	-	7,115,000		
Portable type	-	921,000		
Pumps:				
Centrifugal	-	9,220,000		
Cistern and pitcher	10,301	67,000		
Deep well	1,201	294,000		
Rotary	-	1,373,000		
Sump	33,086	1,233,000		
Vacuum	-	264,000		
Pump jacks	2,497	92,000		
Hand pumps	29,002	253,000		
Self-contained household water pumping systems:				
Deep well and shallow jets	17,100	1,617,000		
Shallow well - non-jet	35,115	3,085,000		
Other power pumps; including direct-acting steam piston and electric	-	4,053,000		
Pumps parts and accessories	-	4,061,000		
Conveying, elevating and materials handling equipment:				
Conveyors and conveying systems:				
Gravity conveyors, (including straight and spiral chutes)	-	2,108,000		
Portable conveyor units	-	721,000		
Power conveyors:				
Belt type	-	10,676,000		
Bucket type	-	1,844,000		
Other conveyors, including pneumatic tube systems and parts	-	5,167,000		
Elevators, including passenger, freight, sidewalk, dumb-waiters, escalators and parts	-	15,940,000		
Hoisting machinery (except mine hoists):				
Cranes with swinging booms	54	1,692,000		
Chain blocks and trolleys	-	1,691,000		
Electric overhead travelling cranes	-	5,382,000		
Monorail electric hoists	-	327,000		
Monorail systems	-	750,000		
Hand cranes	-	250,000		
Winches	-	2,936,000		
Other hoisting machinery, including derricks and parts	-	2,212,000		
Industrial trucks, tractors, trailers and stackers:				
Hand trucks (including dollies)	-	496,000		
Lift trucks and cranes	-	1,865,000		
Other industrial tractors, stackers, including powered types	-	748,000		
Miscellaneous materials handling equipment	-	3,573,000		
Drilling, excavating, mining and related machinery:				
Rock drilling, earth boring and related machinery:				
Rock drills, including diamond drills	-	4,288,000		
Diamond drill bits	-	5,389,000		
Tungsten carbide drill bits	-	6,629,000		
Other drill bits	-	1,819,000		
Other rock drilling, earth boring and related machinery and parts	-	5,745,000		
Mining and ore processing machinery:				
Ball and rod mills	-	2,379,000		
Classifiers	-	328,000		
Crushers, jaw and gyratory	-	3,200,000		
Hoists (mine hoists only)	-	4,575,000		
Mine cars	1,857	1,516,000		
Skips and cages	-	493,000		
All other mining and ore processing machinery, including agitators, coal cutting machines, filters, flotation machines, screens, thickeners, etc. and parts	-	12,593,000		
Construction, excavating, dredging and loading equipment:				
Power excavators (power shovels)	142	3,606,000		
Bulldozing, angle-dozing and similar equipment	-	2,207,000		

See footnotes at end of table.

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel, 1955 and 1956 — Continued

Product	1955		1956	
	Quantity shipped	Value of factory shipments	Quantity shipped	Value of factory shipments
	\$	\$	\$	\$
Machinery — Continued:				
Construction, excavating, dredging and loading equipment — Concluded:				
Scrapers and pull or push type graders.....	—	307,000	239	3,333,000
Graders, self-propelled type.....	—	787,000	—	—
Snow ploughs.....	—	1,156,000	237	651,000
Concrete mixer-agitators, truck type.....	—	6,698	—	432,000
Concrete, plaster and mortar mixers, other.....	—	—	—	—
Other mixing and paving equipment (concrete and bituminous).....	—	—	—	3,122,000
Other construction machinery, including pneumatic hammers, demountable scaffolding etc., and parts.....	—	—	—	749,000
Other excavating machinery and parts	—	—	—	1,539,000
Other road and airport construction and maintenance machinery, including snow blowers, flushers, etc. and parts.....	—	—	—	—
Engines (excluding aircraft and automobile types):				
Turbines, hydraulic and steam	—	—	—	11,338,000
Diesel	211	6,223,000	93,558	13,876,000
Gasoline, including outboard, industrial, etc.....	—	—	—	331,000
Steam	—	—	—	—
Engine parts:				
For diesel engines.....	—	—	—	1,314,000
For gasoline engines.....	—	—	—	352,000
For marine engines	—	—	—	1,479,000
Fire-fighting equipment:				
Pumpers	93	1,354,000	—	2,142,000
Other fire-fighting equipment, including hose trucks, ladder trucks, etc.	—	—	—	—
Food products machinery (including beverages and tobacco) machinery:				
Bakers' machinery:				
Mixing machines	681	553,000	—	—
Ovens	282	488,000	—	—
Other bakers' machinery and parts	—	204,000	—	—
Dairy and milk products plant machinery, excluding milking machines.....	—	1,693,000	—	—
Flour and grist mill machinery.....	—	456,000	—	—
Other food products machinery and parts, including milking machines	—	3,820,000	—	274,000
Foundry equipment.....	—	—	—	—
Household machinery (except refrigeration and air conditioning equipment):				
Washing machines:				
Electric:				
Automatic type	49,765	9,292,000	—	—
Apartment type	473	45,000	250,406	23,507,000
Conventional type	—	—	5,278	636,000
Gasoline type	—	—	4,647	380,000
Ironers, electric	—	—	214,026	6,732,000
Floor polishers, electric	—	—	55,389	7,743,000
Dryers, clothes, automatic electric	—	—	—	—
Vacuum cleaners:				
Electric:				
Floor models	20,727	1,542,000	145,621	8,106,000
Cylinder models	—	—	—	20,538,000
Other household machinery (including sewing machines, dishwashers, etc.) and parts	—	—	—	—
Metal-working machinery:				
Machine tools, metal-working:				
Boring machines	4	4	4	4
Broaching machines	4	4	—	—
Drilling machines	—	—	148	316,000
Grinding machines and grinders	—	—	4	4
Hammers (forging)	4	92	92	1,052,000
Lathes, engine and turret	4	—	—	1,450,000
Milling machines	4	—	449	181,000
Presses	4	—	260	130,000
Punching machines	4	—	—	3,022,000
Rolls, bending and straightening	4	—	—	3,604,000
Shapers	—	—	—	—
Shearing machines	—	—	—	—
Thread-cutting machines	—	—	—	—
Other machine tools	—	—	—	—
Machine tool parts and accessories	—	—	—	—
Metal-working machinery (except machine tools), including rolling mill machinery	—	—	—	1,261,000
Office, store and business machinery:				
Accounting machines	6	6	18,700	2,821,000
Adding machines	6	6	—	—
Addressing and mailing machines	6	6	—	—
Cash registers	6	6	—	—
Calculating machines	6	6	—	—
Card-sorting and tabulating machines	6	6	—	—
Duplicating machines	6	6	—	—
Bread-slicing machines	9	9	—	—
Meat-slicing machines	9	9	—	—
Scales:				
For stores, homes and offices	62,108	875,000	—	—
Industrial:				
Bench or portable type	4,614	1,742,000	318	389,000
Built-in or pit type	—	—	—	—
Type writers:				
Standard, including long carriage	34,241	3,634,000	37,900	2,169,000
Portable	—	—	—	—

See footnotes at end of table.

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel, 1955 and 1956 - Continued

Products	1955		1956	
	Quantity shipped	Value of factory shipments	Quantity shipped	Value of factory shipments
Machinery - Continued:		\$		\$
Office store and business machinery - Concluded:				
Typewriters - Concluded:				
Electric	9,051	3,480,000		
Time recording, job recording and time stamping machines	-	26,183,000		
Other office and business machinery	-	939,000		
Other store machinery	-	5,061,000		
Parts for office, store and business machinery	-	747,000		
Printing and bookbinding machinery and parts	-	30,057,000		
Pulp and paper industries machinery and parts	-			
Refrigeration and air conditioning equipment:				
Refrigeration equipment:				
Household refrigerators:				
Household mechanical refrigerators, complete units (electric and gas), all sizes	269,213	47,443,000		
Steel cabinets for mechanical refrigerators	2,256	211,000		
Self-contained units:				
Milk coolers, all sizes	696	127,000		
Ice-cream cabinets, all sizes	3,160	1,296,000		
Beverage coolers, all sizes	7,265	2,525,000		
Water-coolers, all sizes	239	52,000		
Freezers - Frosted food cabinets	108	46,000		
- Home freezers, all sizes	12,691	3,176,000		
Fixtures:				
Display cases, normal temperature	2,809	2,227,000		
Low-temperature refrigerators	817	675,000		
Reach-in refrigerators (remote only)	472	217,000		
Sectional walk-in coolers, all types	457	751,000		
Self-contained commercial refrigerator products:				
Display cases, all sizes	1,459	944,000		
Reach-ins, all sizes	608	259,000		
Evaporators:				
Unit cooler type, all sizes	-	1,079,000		
Fin coils, all sizes	-	510,000		
Ice-makers - Domestic	-	56,000		
- All other sizes	-			
Compressors and condensing units:				
Domestic, for assembly in individual household cabinets	36,841	2,149,000		
Commercial - Low pressure	2,531	556,000		
- Ammonia	-			
Evaporative condensers:				
Low pressure	-	1,470,000		
Ammonia	-	-		
All other refrigeration equipment	-	8,788,000		
Air conditioning equipment:				
Room air-conditioners, window type	3,541	1,024,000		
Self-contained air conditioners, except window type - 2-5 h.p.	235	312,000		
Over 5 hp.	717	307,000		
Air conditioners - central plant - domestic	-			
Other air conditioning equipment, including parts, components and accessories	-	3,459,000		
Service industry equipment (including vending machines):				
Commercial laundry and dry cleaning equipment	-	1,979,000		
Vending machines	-	163,000		
Service station and garage equipment:				
Auto lifts	2,661	1,598,000		
Gasoline-dispensing pumps	9,595	3,909,000		
Other garage equipment	-	812,000		
Other service industry machinery	-	2,435,000		
Ship's machinery and fittings (except winches)	-	5,030,000		
Textile industries machinery and parts	-	349,000		
Transmission equipment and bearings:				
Bearings, ball and roller, and parts	-	10,619,000		
Cut tooth and cast tooth gears	-	2,659,000		
Flexible couplings	-	778,000		
Pulleys	-	531,000		
Sprocket chain and drive chain	-	1,859,000		
Speed reducer units	-	3,808,000		
Other transmission machinery and parts	-	3,856,000		
Water and sewage treatment equipment:				
Domestic water softeners	4,535	555,000		
Other water and sewage treatment equipment and parts	-	1,867,000		
Woodworking machinery (excluding power driven hand tools and home workshop tools):				
Band sawing machines	82	239,000		
Lathes	143	21,000		
Moulders	61	127,000		
Planers	159	462,000		
Rip and cross cut saws	308	89,000		
Tenoners	81	108,000		
Other wood-working machinery and parts	-	1,932,000		
General purpose industrial machinery:				
Wrapping and packaging machinery and parts	-	1,210,000		
Crushing, pulverizing, scouring and mixing machinery and parts	-	1,662,000		
Other general purpose industrial machinery and parts	-	3,099,000		
Ventilating, exhaust and dust-collecting equipment	-	8,953,000		

See footnotes at end of table.

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel, 1955 and 1956 - Continued

Product	1955		1956	
	Quantity shipped	Value of factory shipments	Quantity shipped	Value of factory shipments
Machinery - Concluded:		\$		\$
Special industry machinery:				
Rubber-working machinery			-	1,801,000
Cement mill machinery			-	4,169,000
Saw-mill machinery, including lumber handling equipment			-	6,144,000
Logging, machinery			-	1,441,000
Grain elevator machinery			-	2,030,000
Other special industry machinery and parts			-	7,237,000
Electrical machinery:				
Converter equipment (excluding rectifiers):				
Motor-generator sets - A.C. to D.C.	374	2,494,000		
Frequency changer sets - A.C. to A.C.	-	188,000		
Parts and supplies for converter equipment	-	101,000		
Generators and parts (excluding automobile generators, engine-driven generator sets and motor-generator sets):				
A.C.:				
187 kva. and under, any speed	332	690,000		
188 kva. to 1000 kva., any speed	43	249,000		
A.C., 1001 kva. and above, all speeds	50	9,838,000		
D.C. and including exciters:				
Under $\frac{1}{2}$ kw.	180	4,000		
1 kw. to 1000 kw.	124	1,149,000		
1001 kw. and over	-	435,000		
Accessories and parts for generators				
Electric motors and parts:				
Single phase induction:				
$\frac{1}{2}$ hp. & under (excluding shaded pole and universal)	1,173,545	15,916,000		
$\frac{1}{2}$ hp. & $\frac{1}{4}$ hp.	80,382	2,569,000		
1 hp. to 5 hp. inclusive - open	14,258	1,263,000		
enclosed	1,339	119,000		
Polyphase induction:				
$\frac{1}{2}$ hp. & under (excluding shaded pole and universal)	4,550	112,000		
$\frac{1}{2}$ hp. & $\frac{1}{4}$ hp.	11,636	477,000		
1 hp. to 5 hp. inclusive - open	23,826	1,933,000		
enclosed	11,924	1,137,000		
D.C.:				
$\frac{1}{2}$ hp. & under (excluding shaded pole and universal)	501,429	1,539,000		
$\frac{1}{2}$ hp. & $\frac{1}{4}$ hp.	168	14,000		
1 hp. to 5 hp. inclusive	176	54,000		
Polyphase induction:				
6 hp. to 25 hp. inclusive - open	12,541	2,548,000		
enclosed	6,853	1,925,000		
26 hp. to 100 hp. inclusive - open	2,477	2,022,000		
enclosed	1,845	1,581,000		
101 hp. to 200 hp. inclusive - open	683	1,383,000		
enclosed	241	754,000		
201 hp. to 1,000 hp. inclusive	454	3,691,000		
1,001 hp. & over				
D.C.				
6 hp. to 25 hp. inclusive	No.	326	395,000	
26 hp. to 100 hp. inclusive	"	365	960,000	
101 hp. to 200 hp. inclusive	"	60	167,000	
201 hp. to 1,000 hp.	"	1,944	10,516,000	
1,001 hp. & over	"			
Railway and vehicle motors, A.C. & D.C.		361,016	1,614,000	
Shaded pole type motors, all ratings				
Universal type motors, all ratings				
Synchronous motors & condensers:				
200 hp. or kva. and under	"	61	402,000	
201 hp. to 1,000 hp. or kva.	"	128	1,245,000	
1,001 hp. or kva. and over	"	62	2,015,000	
Accessories and parts for motors	"	-	2,958,000	
Electrical appliances, motor driven, not elsewhere specified, including shavers, fans, hair clippers food mixers, electric clocks, etc.	"			
Welding machinery, electric	"			
Miscellaneous machinery:				
Blowers for domestic furnaces	See above	120,846	1,907,000	
Cream separators	"	695	68,000	
Gas conversion burners	"	7,547	571,000	
Lawn mowers:				
Hand	"	17,985	175,000	
Power	"	122,052	5,607,000	
Oil burners, power:				
Domestic	"	122,675	10,626,000	
Commercial and industrial	"	956	763,000	
Power tools, hobby and home workshop	"	-	1,703,000	
Saws, power chain, and parts	"	-	10,602,000	
Stokers:				
Domestic	"	660	157,000	
Commercial and industrial	"	670	1,218,000	
All other machinery and parts, not separately specified	"	-	22,117,000	
Manure spreaders		5,276	1,782,546	
Mowers, hay		19,579	4,986,324	
Nails and spikes:				
Wire:				
Quantity made (Kegs of 100 pounds)	keg.	1,788,919	1,851,607	
Quantity sold (Kegs of 100 pounds)	"	1,862,558	15,448,759	
				1,723,217
				16,547,830

See footnotes at end of table.

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel, 1955 and 1956 — Continued

Product	1955		1956		
	Quantity shipped	Value of factory shipments	Quantity shipped	Value of factory shipments	
Nails and spikes—Concluded:		\$		\$	
Cut:					
Quantity made (Kegs of 100 pounds)	keg	17,649	—	13,394	
Quantity sold (Kegs of 100 pounds)	"	17,647	248,078	17,588	
Peavies, canthooks and pike poles	—	—	487,000	—	
Pipe and tubing:					
Cast iron soil pipe	ton	69,800	13,537,000	72,600	
Cast iron water pipe and fittings	"	136,900	16,396,000	134,200	
Cast iron pipe fittings, all other, including flanges and flange fittings	"	11,200	4,439,000	10,300	
Malleable iron pipe fittings of all kinds, including railing fittings	"	7,400	5,353,000	8,300	
Steel pipe and tubing	"	331,300	57,573,000	434,800	
Steel pipe fittings, all kinds	"	10,500	5,344,000	16,000	
Steel pipe, riveted or welded (from plate):					
Stainless steel	ton	Not available		900	
Other steel	"	18,500	4,627,000	8,800	
Culvert pipe formed from steel sheets	"	46,600	14,526,000	57,800	
Pipe, stove and furnace	—	—	2,279,000	—	
Planters, com	No.	1,608	223,120	1,352	
Plates, steel:					
Quantity made	ton	253,640	—	326,208	
Quantity sold	"	251,870	26,162,331	319,866	
Plows, all kinds	No.	24,210	4,163,342	19,573	
Radiators, heating:					
Cast iron	sq. ft.	6,194,680	3,999,980	See below	
Convector (steel and non-ferrous)	"	10,091,279	6,303,627		
Standing type, cast iron and pressed steel (excluding tube and fin types)	sq. ft.			3,524,888	
Baseboard type, cast iron, pressed steel and other fabricated metal	"	See above		4,315,424	
Concealed type, cast iron, pressed steel and other fabricated metal	"			8,654,006	
Rails, steel:				2,315,899	
Quantity made	ton	228,991	—	336,682	
Quantity sold	"	241,254	22,352,384	333,979	
Railway fish plates and splice bars:				3,124,326	
Quantity made	"	15,582	—	18,487	
Quantity sold	"	16,812	1,986,547	18,675	
Railway tie plates:				5,600,330	
Quantity made	"	66,856	—	88,590	
Quantity sold	"	67,683	7,272,282	86,592	
Rakes, hand	No.	296,000	313,000	10,103,650	
Range boilers, domestic:				377,000	
Galvanized	"	217,694	2,818,783	165,253	
Copper, everdur and monel	"	14,278	681,278	8,773	
Razor blades, safety	000's	176,364	3,603,000	180,149	
Registers and grills, warm air	—	—	1,842,814	—	
Rods, welding	ton	13,126	4,329,488	20,230	
Rods, wire:				6,823,000	
Quantity made	"	375,775	—	403,834	
Quantity sold	"	362,258	33,296,084	403,602	
Sheets, galvanized:				42,565,418	
Quantity sold	ton	156,000 ^a	25,426,000	206,000 ^a	
Spades and shovels	No.	1,054,000	1,695,000	1,134,000	
Staples, wire:				34,194,000	
Quantity made (Kegs of 100 pounds)	keg	31,213	—	27,929	
Quantity sold (Kegs of 100 pounds)	"	33,101	326,681	27,315	
Stoves:				283,315	
Coal, wood and sawdust-burning cooking stoves and ranges, including ranges with gas or electric extension	No.	28,490	2,817,362	26,960	
Coal, wood and sawdust-burning heating stoves and space-heaters, including all heaters, circulators, Quebec, box, oak, Franklin, globular and laundry	"	48,852	760,857	45,427	
Solid fuel and gas combination or oil and gas combination (not including stoves or ranges with gas extension)	"	10,952	2,036,186	9,859	
Solid fuel and electric combination or oil and electric combination (not including stoves or ranges with electric extension)	"	8,226	1,870,198	9,639	
Gas cooking stoves and ranges (not combinations), including all styles with ovens	"	31,535	3,389,672	35,991	
				4,137,097	

See footnotes at end of table.

TABLE 9. Factory Shipments of Specified Products Made Principally of Iron and Steel, 1955 and 1956 - Concluded

Product	1955		1956		
	Quantity shipped	Selling value at works	Quantity shipped	Selling value at works	
Stoves - Concluded:		\$		\$	
Gas heating stoves and space heaters	No.	8,850	268,898	4,284	264,198
Gas cooking plates - no oven	"	2,683	28,742	4,228	46,479
Electric cooking stoves or ranges (over 35 amperes,) all styles with ovens ..	"	199,132	30,933,531	217,159	33,225,480
Electric rangettes, including cord attachment and oven as one unit ..	"	41,679	1,435,307	36,756	1,358,324
Electric cooking plate and grills, including stoves for glass coffee-makers ..	"	191,811	999,602	203,285	892,045
Oil (kerosene) and gasoline cooking stoves and ranges	"	73,540	628,913	Not available	
Oil (kerosene) and gasoline heating stoves and space-heaters	"	2,848	58,605	"	
Fuel oil (distillate) cooking stoves and ranges	"	10,659	1,557,462	12,477	1,790,140
Fuel oil (distillate) heating stoves and space-heaters	"	59,385	2,864,089	71,973	3,469,232
Structural shapes, steel:					
Quantity made	ton	241,698	—	316,000	—
Quantity sold	"	249,762	25,650,273	315,564	36,361,986
Tacks, all kinds:					
Quantity made	lb.	1,962,196	—	2,823,741	—
Quantity sold	"	2,034,687	570,626	2,697,669	748,415
Threshers and reaper-threshers	No.	11,621	36,465,347	10,742	36,506,209
Weeders	"	1,658	480,158	1,577	314,143
Windows, metal:					
Factory and commercial, including screws and accessories:					
Steel	—	—	2,903,000	—	5,107,000
Aluminum	—	—	9,431,000	—	9,887,000
Residential, including screws and accessories:					
Steel	—	Included with "Factory"	2,873,000	Included with "Factory"	—
Aluminum	—	—	—	—	3,306,000
Combination storm and screen:					
Steel	—	—	720,000	Included with "Factory"	—
Aluminum	—	—	5,686,000	—	6,710,000
Wire, steel:					
Barbed:					
Quantity made	ton	9,531	—	6,671	—
Quantity sold	"	9,101	1,385,553	6,849	1,168,052
Galvanized:					
Quantity made	"	70,769	—	73,154	—
Quantity sold	"	34,568	7,422,495	38,929	8,717,868
Other coated:					
Quantity made	"	1,930	—	2,121	—
Quantity sold	"	1,936	576,899	2,154	673,724
Plain:					
Quantity made	"	316,593	—	366,486	—
Quantity sold	"	114,718	18,574,703	144,804	25,302,207
Wire rope and cable, steel:					
Quantity sold	"	22,629	14,193,471	28,358	17,854,473
Wire, twisted strand:					
Quantity sold	"	8,018	2,684,300	10,582	3,952,831

¹ Not available in this breakdown.² See total at end of "Machinery".³ Included with "Other types" (including industrial gas engines).⁴ Included with "Other machine tools" to avoid disclosing figures for individual companies.⁵ Includes electric type.⁶ Included with "Other office and business machinery" to avoid disclosing figures for individual companies.⁷ Includes shipments transferred to own fabricating mills of producing firms.⁸ Does not include approximately 2000 tons of galvanized sheet further processed into "Roofing" in 1955 and approximately 3000 tons in 1956.⁹ Included with "Other store machinery" to avoid disclosing figures for individual companies.

Note: Because of changes in classification, totals for some of the items listed under "Machinery" for 1956 are not strictly comparable with those shown for 1955 and earlier years.

TABLE 10. Capital and Repair Expenditures in the Iron and Steel Products Group, by Industries and by Provinces, 1956

	Capital expenditures		Sub-total	Repair expenditures		Sub-total	Total capital and repair expenditures			
	Construction	Machinery		Construction	Machinery					
thousands of dollars										
(a) By Industry										
Agricultural implements	1,329	2,126	3,455	787	1,928	2,715	6,170			
Boilers and plate work	2,117	3,021	5,138	322	1,810	2,132	7,270			
Bridge and structural steel	1,706	3,613	5,319	591	1,833	2,424	7,743			
Hardware, tools and cutlery	3,368	5,609	8,977	711	3,074	3,785	12,762			
Heating and cooking apparatus	1,985	1,458	3,443	373	1,177	1,550	4,993			
Iron castings	8,292	20,292	28,584	981	7,312	8,293	36,877			
Machine shops	448	1,606	2,054	167	619	786	2,840			
Machinery, household, office and store	262	2,462	2,724	527	1,188	1,715	4,439			
Machine tools	195	996	1,191	103	294	397	1,588			
Machinery, not elsewhere classified	5,560	10,013	15,573	1,434	5,816	7,250	22,823			
Primary Iron and Steel	7,613	54,083	61,696	6,531	56,215	62,746	124,442			
Sheet metal products	2,849	6,601	9,450	1,073	3,861	4,934	14,384			
Wire and wire products	2,354	6,176	8,530	972	4,889	5,861	14,391			
Miscellaneous iron and steel	2,218	4,112	6,330	782	3,452	4,234	10,564			
Total	40,296	122,188	162,464	15,354	93,468	108,822	271,286			

Note: The above are final figures and may differ slightly from the preliminary figures shown in the individual industry reports.

TABLE 11. Fuel and Electricity Used in the Manufacture of Iron and Steel Products in Canada,
by Industries and by Provinces, 1956

No.	—	Bituminous coal		Sub-bituminous coal from Alberta mines only	Anthracite coal	Lignite coal	Coke (for fuel only)	Gasoline (including gasoline used in cars and trucks)						
		From Canadian mines	Imported											
tons														
Imp. gal.														
(a) By industries														
Agricultural implements:														
1	Quantity	16,442	25,111	218	10,594	501	540	483,815						
2	Cost	\$ 161,068	256,723	2,145	119,144	3,935	15,480	159,215						
Boilers, tanks and plate work:														
3	Quantity	3,552	5,871	—	8,380	87	173	662,378						
4	Cost	\$ 44,113	63,573	—	88,971	700	3,312	252,887						
Bridge and structural steel work:														
5	Quantity	10,721	1,382	16	1,500	2,030	409	1,086,683						
6	Cost	\$ 122,062	19,507	456	18,630	12,786	8,077	405,612						
Hardware, tools and cutlery:														
7	Quantity	2,267	10,259	—	937	—	1,020	331,357						
8	Cost	\$ 25,106	142,068	—	16,055	—	23,462	137,157						
Heating and cooking apparatus:														
9	Quantity	5,615	5,477	—	2,765	—	588	270,002						
10	Cost	\$ 76,942	87,696	—	45,852	—	15,650	111,931						
Iron castings:														
11	Quantity	11,181	36,000	—	2,473	12	8,899	476,391						
12	Cost	\$ 134,167	488,013	—	29,708	240	176,590	181,091						
Machinery (Household, office and store):														
13	Quantity	1,543	7,696	—	1,571	—	18	183,679						
14	Cost	\$ 19,543	94,698	—	18,939	—	408	75,401						
Machinery (Industrial):														
15	Quantity	12,578	17,966	415	6,454	725	2,886	681,513						
16	Cost	\$ 178,297	214,503	2,604	96,571	5,762	77,774	261,778						
Machine shops:														
17	Quantity	1,847	1,247	195	183	47	23	561,973						
18	Cost	\$ 28,222	19,603	2,115	4,190	369	432	228,700						
Machine tools:														
19	Quantity	295	1,092	—	477	—	—	2,242						
20	Cost	\$ 3,356	20,230	—	6,355	—	—	897						
Primary iron and steel:														
21	Quantity	88,442	67,478	—	16,149	710	62,129	694,011						
22	Cost	\$ 782,740	689,846	—	205,835	4,402	295,623	198,644						
Sheet metal products:														
23	Quantity	7,136	15,094	118	613	—	835	828,344						
24	Cost	\$ 89,584	182,091	1,932	8,120	—	17,301	318,913						
Wire and wire products:														
25	Quantity	9,495	12,580	—	55	—	41	173,629						
26	Cost	\$ 111,371	147,584	—	1,119	—	756	62,820						
Misc. iron and steel products:														
27	Quantity	6,454	23,695	246	292	—	168	457,480						
28	Cost	\$ 77,615	259,437	3,433	5,896	—	3,555	178,555						
TOTAL 1956:														
29	Quantity	177,568	230,948	1,208	52,443	4,112	77,729	6,893,498						
30	Cost	\$ 1,854,186	2,665,572	12,685	665,385	28,194	638,429	2,573,601						

TABLE 11. Fuel and Electricity Used in the Manufacture of Iron and Steel Products in Canada,
by Industries and by Provinces, 1936

Kerosene or coal oil	Fuel oil (not including lubricating oil)	Wood (cords of 128 cubic ft. of piled wood)	Gas			Other fuel	Electricity		Total	No.
			Liquefied pe- troleum gases (propane, etc.)	Other manufactured gas	Natural gas		Purchased	Generated for own use		
Imp. gal.		cords	Imp. gal.	M cu. ft.			kwh.			
1,100	2,178,424	261	19,572	264,185	22,263	—	66,214,942	—	—	1
521	293,410	2,945	4,124	161,875	19,959	4,770	666,912	—	1,872,226	2
5,454	2,026,252	71	25,018	9,224	66,137	—	42,484,325	225,000	—	3
1,299	309,730	730	5,639	9,631	33,004	35,227	602,208	—	1,451,024	4
1,860	2,969,754	—	200	17,553	105,691	—	152,076,058	—	—	5
396	443,151	—	112	30,720	39,628	5,500	706,765	—	1,813,402	6
2,439	4,597,244	32	113,117	69,949	52,515	—	73,013,312	—	—	7
623	668,255	424	46,265	73,257	64,451	45,779	958,053	—	2,200,955	8
2,329	2,998,770	108	70,201	5,323	90,350	—	52,425,558	—	—	9
539	502,737	973	16,109	8,843	120,989	4,363	600,349	—	1,572,982	10
51,065	13,202,528	1,254	112,357	35,317	213,876	—	127,768,325	—	—	11
16,705	1,620,289	9,969	24,004	49,462	128,524	3,010	1,328,250	—	4,184,022	12
6,075	3,100,341	—	48,713	3,055	9,439	—	30,653,985	—	—	13
1,291	365,434	—	12,127	2,459	15,651	9,146	398,764	—	1,013,861	14
16,361	6,003,175	185	49,370	55,364	60,444	—	114,622,702	—	—	15
4,246	828,606	2,208	8,149	57,804	49,194	6,234	1,372,876	—	3,164,606	16
21,175	643,895	105	19,904	8,611	95,015	—	22,591,934	—	—	17
4,202	127,920	965	9,898	9,317	20,955	200,809	472,049	—	1,129,746	18
—	249,607	—	—	1,281	3,431	—	6,434,865	—	—	19
—	37,362	—	—	2,243	6,751	—	77,867	—	155,081	20
28,266	128,780,476	144	24,604	31,762,387	400,416	—	2,482,938,323	193,822,150	—	21
7,426	13,821,339	1,806	5,806	8,793,162	196,051	5,437	13,303,834	—	38,311,951	22
8,162	5,715,220	3	405,534	321,028	207,667	—	80,114,917	—	—	23
2,663	832,714	35	70,696	257,034	239,577	49,926	1,101,715	—	3,172,301	24
6,553	3,580,647	438	39,408	680,926	85,377	—	103,894,684	—	—	25
1,678	449,808	4,319	10,531	379,291	75,517	10,953	880,724	—	2,136,471	26
7,029	8,927,662	59	52,865	5,971	153,740	—	79,429,705	—	—	27
2,467	1,252,201	1,172	23,239	7,337	225,102	33,599	1,087,952	—	3,161,355	28
158,768	184,974,195	2,660	980,863	33,240,174	1,566,361	—	3,434,663,635	194,047,150	—	29
37,851	21,550,976	25,546	236,699	9,842,435	1,235,353	414,753	23,558,318	—	65,339,983	30

**TABLE 11. Fuel and Electricity Used in the Manufacture of Iron and Steel Products in Canada,
by Industries and by Provinces, 1956 — Concluded**

No.	—	Bituminous coal		Sub-bituminous coal from Alberta mines only	Anthracite coal	Lignite coal	Coke (for fuel only)	Gasoline (including gasoline used in cars and trucks)						
		From Canadian mines	Imported											
tons														
Imp. gal.														
(b) By Provinces														
Newfoundland:														
1	Quantity	6	—	—	18	—	—	16,376						
2	Cost.....\$	130	—	—	450	—	—	7,870						
Prince Edward Island:														
3	Quantity	38	—	—	—	—	—	—						
4	Cost.....\$	731	—	—	—	—	—	—						
Nova Scotia:														
5	Quantity	100,170	—	—	—	—	861	92,764						
6	Cost.....\$	921,020	—	—	—	—	13,879	38,854						
New Brunswick:														
7	Quantity	3,599	—	—	—	—	181	46,444						
8	Cost.....\$	51,023	—	—	—	—	4,729	20,668						
Quebec:														
9	Quantity	24,955	3,799	236	5,124	—	8,958	1,668,081						
10	Cost.....\$	328,484	54,144	2,736	82,040	—	191,471	663,553						
Ontario:														
11	Quantity	44,513	226,586	155	47,047	—	65,951	3,956,036						
12	Cost.....\$	501,204	2,602,303	2,502	578,136	—	380,514	1,412,782						
Manitoba:														
13	Quantity	2,827	303	422	99	4,027	269	291,245						
14	Cost.....\$	29,056	5,261	2,407	1,733	27,844	6,594	109,206						
Saskatchewan:														
15	Quantity	252	—	23	—	85	97	31,854						
16	Cost.....\$	2,303	—	268	—	350	2,747	12,973						
Alberta:														
17	Quantity	233	18	177	—	—	44	394,553						
18	Cost.....\$	2,490	320	1,773	—	—	1,156	149,373						
British Columbia and Yukon:														
19	Quantity	975	242	195	155	—	1,368	396,143						
20	Cost.....\$	17,745	3,544	2,999	3,026	—	37,339	158,322						
TOTAL 1956:														
21	Quantity	177,568	230,948	1,208	52,443	4,112	77,729	6,893,498						
22	Cost.....\$	1,854,186	2,665,572	12,685	665,385	28,194	638,429	2,573,601						

TABLE II. Fuel and Electricity Used in the Manufacture of Iron and Steel Products in Canada,
by Industries and by Provinces, 1956 — Concluded

Kerosene or coal oil	Fuel oil (not including lubricating oil)	Wood (cords of 128 cubic ft. of piled wood)	Gas			Other fuel	Electricity		Total	No.
			Liquefied pe- troleum gases (propane, etc.)	Other manufactured gas	Natural gas		Purchased	Generated for own use		
Imp. gal.	cords	Imp. gal.	M cu. ft.			kwh.				
—	133,435	—	—	—	—	—	1,004,546	—	—	1
—	24,382	—	—	—	—	3,716	25,553	—	62,101	2
—	1,910	—	—	—	—	—	50,034	—	—	3
—	380	—	—	—	—	—	1,683	—	2,794	4
745	16,994,193	63	—	4,072,230	—	—	22,506,741	132,332,150	—	5
217	1,554,862	627	—	1,020,652	—	4,226	396,891	—	3,951,228	6
234	558,420	69	1,735	—	—	—	3,173,722	—	—	7
79	94,626	454	845	—	—	3,923	88,866	—	265,213	8
45,391	27,769,426	807	62,729	132,208	9,128	—	998,042,478	—	—	9
11,807	3,479,472	8,071	15,076	127,365	14,240	97,669	5,089,044	—	10,165,172	10
103,499	130,428,597	901	854,943	28,893,163	930,660	—	2,094,111,442	61,715,000	—	11
13,455	15,379,204	7,923	201,346	8,547,604	1,072,180	225,678	15,750,427	—	46,685,258	12
3,720	5,721,996	178	19,480	2,721	1,013	—	73,723,383	—	—	13
1,100	514,093	2,276	3,983	3,371	1,013	23,040	615,682	—	1,346,659	14
955	203,181	27	—	15,080	—	—	2,201,823	—	—	15
224	27,001	168	—	4,481	4,024	—	59,337	—	113,876	16
796	257,836	10	8,545	6,000	592,543	—	42,492,927	—	—	17
168	30,739	70	1,478	1,500	126,945	19,720	441,640	—	777,372	18
3,428	2,905,201	605	33,431	133,852	17,937	—	197,356,539	—	—	19
801	446,217	5,957	13,971	141,943	16,494	32,757	1,089,195	—	1,970,310	20
158,768	184,974,195	2,600	980,863	33,240,174	1,366,361	—	3,434,663,635	194,047,150	—	21
37,851	21,550,976	25,546	236,699	9,842,435	1,235,353	414,753	23,558,318	—	65,339,983	22

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