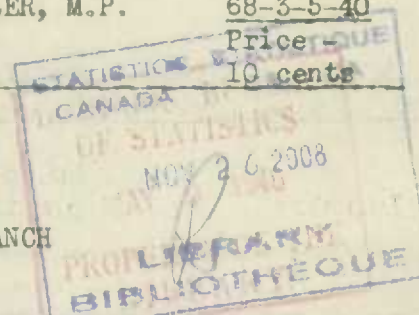


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IRON AND STEEL AND THEIR PRODUCTS

FINAL SUMMARY STATISTICS, 1938

Production of iron and steel and their manufactures during 1938 amounted to \$548,801,929 at factory prices, according to final Census of Industry figures for that year. This value was 12.2 per cent below the corresponding total for 1937 but it was still higher than for any other year since 1930.

Substantial declines were recorded for 13 of the 17 industries in this group. Pig iron, steel and rolled products declined 20.1 per cent to \$59,606,150; iron castings and steel forgings, 15.4 per cent to \$35,460,962; heating and cooking apparatus, 11.9 per cent to \$14,069,018; boilers, tanks and engines, 3.3 per cent to \$10,840,220; machinery, 15.4 per cent to \$48,272,442; automobiles, 13.4 per cent to \$116,746,239; automobile parts, 20.7 per cent to \$36,980,424; bicycles, 6.1 per cent to \$1,767,538; railway rolling stock, 13.7 per cent to \$80,977,701; wire and wire goods, 12.5 per cent to \$20,605,207; sheet metal products, 5.8 per cent to \$46,266,684; hardware, cutlery and tools, 15.0 per cent to \$19,085,007; and bridge and structural steel, 12.1 per cent to \$14,817,901. Increased output was reported for 4 industries as follows: farm implements, 12.3 per cent to \$21,299,185; aircraft, 300 per cent to \$6,927,105; shipbuilding and repairs, 7.8 per cent to \$11,171,416; and miscellaneous iron and steel products, 2.8 per cent to \$3,908,730.

In 1938 a total of 1,391 factories were included in the iron and steel group. These establishments, representing capital amounting to \$657,304,274, gave employment to 121,235 workers who were paid \$154,459,640 in salaries and wages during the year. Materials used in manufacturing cost \$272,544,238 and expenditures for fuel and electricity amounted to \$14,618,557.

Canada's imports of iron and steel products were valued at \$162,554,216 in 1938, a decrease of 23 per cent from the previous year. Purchases from the United States, amounting to \$134,844,204, accounted for 83 per cent of the total, and the imports from the United Kingdom, valued at \$21,640,236, made up 13 per cent.

Exports and re-exports amounted to \$62,327,446 or 8.7 per cent less than in 1937. Shipments to the United Kingdom were valued at \$13,734,664 or 22 per cent of the total and deliveries to the United States were appraised at \$5,961,280 or 9.6 per cent of the total exports of goods of this class.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1937 and 1938

Industry	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials(x) at works	Gross selling value of products at works
		\$		\$	\$	\$
<u>1937</u>						
Pig iron, ferro-alloys, steel and rolled products ...	55	96,875,377	14,054	19,926,498	33,805,631	74,580,669
Iron castings and steel forgings	231	48,814,929	12,164	14,333,923	17,091,250	41,913,753
Heating and cooking apparatus	68	16,820,091	5,239	5,860,623	6,040,819	15,976,018
Boilers, tanks and engines	54	13,875,620	2,936	3,694,393	4,872,296	11,211,501
Farm implements	37	60,927,315	6,446	7,350,043	9,319,032	18,961,394
Machinery	214	66,323,206	12,638	16,059,392	22,204,200	57,096,316
Automobiles	15	57,996,242	14,946	22,138,991	92,706,147	134,810,280
Automobile parts ...	88	28,440,176	8,416	10,353,098	26,631,014	46,631,643
Bicycles	4	2,297,866	429	484,839	988,546	1,882,668
Aircraft	8	2,836,836	606	691,934	879,654	1,730,724
Shipbuilding	40	29,163,717	3,502	4,411,910	3,204,905	10,360,686
Railway rolling stock and repairs..	37	88,426,476	21,496	29,187,157	56,191,146	93,854,555
Wire and wire goods.	75	27,633,569	4,536	5,531,891	7,976,821	23,558,635
Sheet metal products	148	56,527,585	8,499	9,518,325	28,338,113	49,132,766
Hardware, cutlery and tools	148	28,068,779	6,511	7,239,623	7,663,076	22,464,718
Bridge and structural steel	19	21,200,308	3,418	5,004,456	8,657,728	16,850,324
Miscellaneous iron and steel	104	5,170,436	1,312	1,468,984	1,520,705	3,802,727
TOTAL	1,345	651,398,528	127,148	163,261,130	328,091,063	624,819,877

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1937 and 1938 (Concluded)

Industry	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials(x) at works	Gross selling value or products at works
		\$		\$	\$	\$
<u>1938</u>						
Pig iron, ferro-alloys, steel and rolled products ...	55	100,272,104	13,100	18,256,627	24,786,761	59,606,150
Iron castings and steel forgings	230	48,989,131	11,098	12,808,529	13,702,714	35,460,962
Heating and cooking apparatus	68	15,606,276	4,811	5,357,986	5,078,932	14,069,018
Boilers, tanks and engines	55	15,500,319	2,919	3,704,804	4,345,518	10,840,220
Farm implements	38	63,761,644	6,458	7,509,706	9,611,780	21,299,185
Machinery	213	63,137,547	11,631	14,586,263	17,841,141	48,272,442
Automobiles	12	59,798,250	14,872	20,993,362	76,202,670	116,746,239
Automobile parts ...	97	27,480,773	7,900	9,349,996	19,168,459	36,980,424
Bicycles	4	2,653,978	444	467,133	993,563	1,767,538
Aircraft	13	8,641,790	1,617	2,095,717	2,709,384	6,327,105
Shipbuilding	41	28,422,035	3,596	4,813,614	4,435,966	11,171,416
Railway rolling stock and repairs..	37	87,314,298	19,358	26,736,265	46,536,416	80,977,701
Wire and wire goods.	77	29,266,273	4,331	5,096,940	6,005,857	20,605,207
Sheet metal products	169	51,717,455	8,262	9,455,645	25,890,565	46,266,684
Hardware, cutlery and tools	151	28,852,137	6,222	6,577,261	5,745,046	19,085,007
Bridge and structural steel	21	20,425,317	3,245	5,097,158	8,006,023	14,817,901
Miscellaneous iron and steel	110	5,464,947	1,371	1,554,634	1,483,443	3,908,730
TOTAL	1,391	657,304,274	121,235	154,459,640	272,544,238	548,801,929
% change 1938 from 1937	3.4	0.9	- 4.7	- 5.4	- 17.0	- 12.2

(x) Not including fuel and electricity costing \$16,563,232 in 1937 and \$14,618,557 in 1938. NOTE: Profits or losses cannot be calculated from above figures as data are not available for general expense items such as interest, rent, depreciation, taxes, insurance, etc.

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, BY PROVINCES, 1937 and 1938

Province	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$
<u>1937</u>						
Prince Edward Island	5	491,893	82	64,755	103,337	239,441
Nova Scotia	40	34,773,232	4,704	6,202,414	13,175,252	27,351,390
New Brunswick ..	23	11,355,899	2,105	2,559,780	3,246,258	6,439,682
Quebec	286	137,941,932	29,461	37,145,607	60,943,128	125,576,959
Ontario	771	406,098,310	78,906	101,945,202	231,383,242	423,761,048
Manitoba	50	24,131,721	6,359	8,179,833	8,987,616	18,866,208
Saskatchewan ...	15	3,463,929	336	404,530	270,888	623,395
Alberta	31	9,340,328	1,892	2,305,409	2,231,515	4,916,371
British Columbia	124	23,801,284	3,303	4,453,600	7,749,827	17,045,383
CANADA	1,345	651,398,528	127,148	163,261,130	328,091,063	624,819,877
<u>1938</u>						
Prince Edward Island	5	471,165	79	63,216	108,518	247,331
Nova Scotia	38	31,102,786	4,225	5,212,418	8,977,416	19,992,052
New Brunswick ..	24	10,681,464	1,870	2,414,062	2,515,509	5,662,109
Quebec	292	138,676,971	27,469	34,740,391	51,100,707	108,579,370
Ontario	787	413,805,366	75,342	96,015,631	186,873,677	369,238,406
Manitoba	53	24,140,117	6,203	8,017,279	9,186,776	19,102,098
Saskatchewan ...	19	3,850,857	604	724,469	3,715,646	5,474,136
Alberta	38	9,359,592	1,936	2,402,999	2,446,530	5,282,198
British Columbia	135	25,215,954	3,507	4,369,175	7,619,459	15,224,229
CANADA	1,391	657,304,274	121,235	154,459,640	272,544,238	548,801,929

Table 3 - IMPORTS INTO CANADA, EXPORTS AND RE-EXPORTS OF IRON AND STEEL AND THEIR PRODUCTS DURING THE CALENDAR YEARS 1937 and 1938

	1937	1938
	\$	\$
IMPORTS TOTAL	211,002,837	162,554,216
From - United Kingdom	29,794,323	21,640,236
United States	173,864,866	134,344,204
EXPORTS TOTAL	66,027,238	60,139,369
To - United Kingdom	14,914,879	13,517,445
United States	6,954,215	4,148,832
RE-EXPORTS TOTAL	2,222,756	2,188,077
To - United Kingdom	189,638	217,219
United States	1,868,201	1,812,448

Table 4 - HISTORICAL SUMMARY OF THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS,
1917 - 1938

Years	No. of plants	Capital employed	Average number of em- ployees	Salaries and wages	Cost of materials at works	Selling value of products at works
		\$		\$	\$	\$
1917	1,409	576,814,790	144,413	135,426,469	343,634,834	693,872,364
1918	1,352	547,932,654	128,399	145,773,485	431,448,368	793,080,850
1919	1,360	541,791,187	88,300	102,328,199	228,351,993	489,756,971
1920	1,475	624,558,400	115,761	158,504,947	321,293,396	640,233,785
1921	1,135	575,680,424	77,077	98,363,983	194,703,391	382,398,084
1922	1,046	526,109,953	75,334	91,629,491	168,937,807	333,569,814
1923	1,000	552,272,800	88,071	115,453,809	256,417,991	465,959,547
1924	1,055	537,546,035	78,656	100,050,011	196,474,248	371,242,493
1925	1,075	567,912,477	90,125	117,642,470	206,337,132	411,378,640
1926	1,142	597,982,098	103,510	137,640,065	258,020,373	505,188,849
1927	1,148	638,914,893	106,293	143,351,174	261,102,679	525,921,839
1928	1,159	702,931,186	119,200	168,320,038	309,618,074	609,632,999
1929	1,169	754,989,105	132,281	186,928,700	384,925,660	738,012,980
1930	1,196	757,797,256	119,987	165,429,608	281,713,862	569,745,973
1931	1,243	676,270,362	96,927	120,759,931	170,754,686	374,725,068
1932	1,233	608,619,513	74,214	82,339,437	102,289,749	225,832,185
1933	1,291	580,760,379	70,947	69,482,730	97,705,853	211,961,908
1934	1,255	547,892,157	81,782	88,924,168	154,055,806	308,303,352
1935	1,249	555,144,467	95,426	110,402,366	203,981,458	390,228,929
1936	1,317	600,424,322	107,203	126,537,657	227,886,781	453,385,553
1937	1,345	651,398,528	127,148	163,261,130	328,091,063	624,919,877
1938	1,391	657,304,274	121,235	154,459,640	272,544,238	548,801,929

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