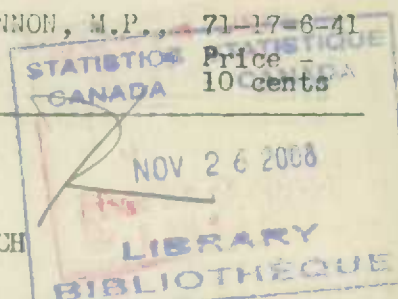


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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL AND CHEMICAL BRANCH
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IRON AND STEEL AND THEIR PRODUCTS

FINAL SUMMARY STATISTICS, 1939

According to final data compiled from the Census of Industry reports for 1939, the production value of iron and steel and their manufactures amounted to \$553,-468,380 at factory prices. This value was 0.9 per cent over the final total for 1938 which in turn was 12.2 per cent under the corresponding total for 1937.

The values by industries for 1939 were as follows, in millions of dollars: pig iron, ferro-alloys, steel and rolled products, 75.9; iron castings, 32.3; heating and cooking apparatus, 15.3; boilers, tanks and platework, 8.8; farm implements, 16.0; machinery, 48.4; automobiles, 107.5; automobile parts, 38.7; bicycles, 2.0; aircraft, 12.6; shipbuilding, 11.2; railway rolling stock and repairs, 60.7; wire and wire goods, 25.0; sheet metal products, 51.5; hardware, cutlery and tools, 23.0; bridge and structural steel work, 15.8; and miscellaneous iron and steel products, 8.3.

The distribution of this production by provinces was as follows: Ontario had \$374.0 millions, Quebec \$100.9, Nova Scotia \$23.9, Manitoba \$19.9, British Columbia \$17.7, New Brunswick \$6.5, Saskatchewan, \$5.3, Alberta \$5.1 and Prince Edward Island \$0.3 millions.

In 1939 a total of 1,394 factories operated in this group. They had a capital investment in Canada of \$637.9 millions and employed a monthly average of 121,041 people who were paid \$158.6 millions as salaries or wages. Materials used in manufacturing processes cost \$262.3 millions and fuel and electricity cost \$15.4 millions.

Canada's imports of iron and steel products advanced to \$183,159,650 in 1939 from \$162,554,216 in 1938 and exports for the same periods rose to \$63,102,432 from \$60,139,369. Re-exports of foreign produce dropped to \$2,034,999 from \$2,188,077.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1938 and 1939.

Industry	No. of plants	Capital employed	Average number of em- ployees	Salaries and wages	Cost of materials at works(+)	Gross sell- ing value or products at works
		\$		\$	\$	\$
<u>1 9 3 8</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	14,069,013
Boilers, tanks and engines	55	15,500,319	2,919	3,704,804	4,345,513	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	2,093,717	2,709,384	6,927,105
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	6,005,357	20,605,207
Sheet metal products	169	51,717,455	8,262	9,455,645	25,890,565	46,266,634
Hardware, cutlery and tools	151	28,852,137	6,222	6,577,261	5,745,046	19,085,007
Bridge and structur- al steel	21	20,425,317	3,245	5,097,158	8,006,023	14,817,301
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

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1938 and 1939 (Concluded)

Industry	No. of plants	Capital employed	Average number of em- ployees	Salaries and wages	Cost of materials at works(+)	Gross sell- ing value of products at works
		\$		\$	\$	\$
<u>1939</u>						
Pig iron, ferro- alloys, steel and rolled products ...	54	113,660,251	13,827	20,410,517	29,629,376	75,934,481
Iron castings	194	43,218,451	9,635	11,190,871	12,273,647	32,345,831
Heating and cooking apparatus	72	17,010,431	5,029	5,753,888	5,659,694	15,351,663
Boilers, tanks and plate work	41	14,324,828	2,491	3,150,560	3,673,208	8,799,806
Farm implements	36	58,067,218	5,306	6,024,720	6,672,529	16,035,223
Machinery	232	69,053,059	12,248	15,847,861	18,099,490	48,458,408
Automobiles	12	59,470,986	14,427	20,573,714	71,671,753	107,463,351
Automobile parts ...	97	30,290,876	8,119	9,846,641	19,714,235	38,711,807
Bicycles	5	2,884,791	494	584,887	1,059,104	2,054,659
Aircraft	13	14,581,852	3,596	4,651,615	1,428,168	12,638,470
Shipbuilding	43	30,054,838	3,491	4,950,179	3,814,321	11,234,967
Railway rolling stock and repairs..	38	94,551,828	17,569	25,050,559	34,070,884	60,710,204
Wire and wire goods	76	31,088,655	4,523	5,684,938	7,262,999	25,063,379
Sheet metal products	172	59,490,712	8,479	10,001,539	29,612,215	51,527,229
Hardware, cutlery and tools	154	30,854,045	6,756	7,590,826	7,385,636	22,995,424
Bridge and structural steel	21	19,246,277	2,949	4,546,648	6,786,893	15,840,592
Miscellaneous iron and steel	134	10,044,622	2,102	2,699,665	3,478,629	8,303,386
TOTAL	1,394	697,893,720	121,041	158,559,628	282,292,781	553,468,880
% change 1939 from 1938	-	+ 6.2	- 0.1	+ 2.6	- 0.4	+ 0.9

NOTE - Profits or losses cannot be computed from above figures as data are not available for such general expense items as rent, interest, taxes, depreciation, insurance, advertising, etc.

(+) Does not include fuel and electricity costing \$14,618,557 in 1938 and \$15,401,303 in 1939.



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Final Iron and Steel.

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Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, BY PROVINCES, 1938 and 1939

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
		\$		\$	\$	\$
1938						
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	413,805,368	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	4,869,175	7,619,459	15,224,229
CANADA	1,391	657,304,274	121,235	154,459,640	272,544,238	548,801,929
1939						
Prince Edward Island	5	514,290	83	69,472	136,383	308,492
Nova Scotia ...	38	36,621,932	4,073	5,499,517	10,822,933	23,849,223
New Brunswick..	24	11,005,996	1,891	2,509,069	2,961,714	6,459,279
Quebec	291	148,142,768	26,825	34,400,639	43,343,854	100,867,223
Ontario	780	438,029,643	76,033	99,452,631	183,013,076	374,004,529
Manitoba	60	24,956,228	6,099	8,419,046	8,805,678	19,905,711
Saskatchewan ..	16	3,480,309	606	694,926	3,470,840	5,320,713
Alberta	42	9,677,522	1,794	2,406,197	2,369,626	5,095,424
British Columbia	138	25,465,032	3,637	5,108,131	7,368,677	17,658,286
CANADA	1,394	697,893,720	121,041	158,559,628	262,292,781	553,468,880

Table 3 - IMPORTS INTO CANADA, EXPORTS AND RE-EXPORTS OF IRON AND STEEL AND THEIR PRODUCTS DURING THE CALENDAR YEARS 1938 and 1939.

		1938	1939
		\$	\$
IMPORTS	TOTAL	162,554,216	183,159,650
	From - United Kingdom	21,646,236	19,255,070
	United States	134,844,204	158,138,245
EXPORTS	TOTAL	60,139,369	63,102,432
	To - United Kingdom	13,517,445	15,976,901
	United States	4,148,832	4,954,238
RE-EXPORTS	TOTAL	2,188,077	2,034,999
	To - United Kingdom	217,219	190,175
	United States	1,812,448	1,712,945