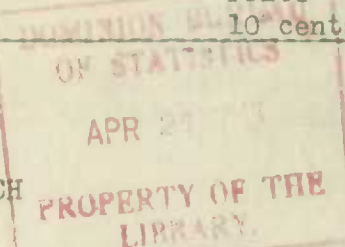


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CENSUS OF INDUSTRY
MINING, METALLURGICAL AND CHEMICAL BRANCH
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IRON AND STEEL AND THEIR PRODUCTS

FINAL SUMMARY STATISTICS, 1941

According to final data compiled from the Census of Industry reports for 1941, the production value of iron and steel and their manufactures amounted to \$1,483,169,765 at factory prices. This value was 64 per cent over the final total for 1940.

The values by industries for 1941 were as follows, in millions of dollars: Pig iron, ferro-alloys, steel and rolled products, 164.6; iron castings, 77.6; heating and cooking apparatus, 25.4; boilers, tanks and platework, 23.1; farm implements, 34.4; machinery, 124.2; automobiles, 280.0; automobile parts, 124.4; bicycles, 3.6; aircraft, 81.4; shipbuilding, 109.3; railway rolling stock and parts, 118.1; wire and wire goods, 42.4; sheet metal products, 95.4; hardware, cutlery and tools, 59.6; bridge and structural steel work, 58.4; machine shop, 10.1; and miscellaneous iron and steel products, 51.5.

The distribution of this production by provinces was as follows: Ontario had \$1,012.5 millions, Quebec, \$291.7; Nova Scotia, \$42.7; Manitoba, \$33.3; British Columbia, \$71.7; New Brunswick, \$16.7; Saskatchewan, \$6.7; Alberta, \$7.6, and Prince Edward Island, \$0.4 millions.

In 1941 a total of 1,760 factories operated in this group. These works, representing a capital investment in Canada of \$1,138.7 millions, employed a monthly average of 253,701 people who were paid \$408.1 millions for salaries or wages. Materials used in manufacturing processes cost \$715.6 millions and fuel and electricity cost \$32.1 millions.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1940 and 1941

Industry	Number of plants	Capital employed \$	Average number of em- ployees	Salaries and wages \$	Cost of materials at works(x) \$	Gross sell- ing value of products at works \$
<u>1940</u>						
Pig iron, ferro- alloys, steel and rolled products	54	133,844,814	17,774	29,207,036	54,045,692	114,598,409
Iron castings	197	49,831,652	12,026	15,932,897	20,324,185	49,265,398
Heating and cooking apparatus	77	18,998,271	5,596	7,053,556	7,568,843	20,405,137
Boilers, tanks and plate work	41	16,057,039	3,307	4,924,993	6,544,887	14,865,343
Farm implements	34	55,688,391	6,857	8,719,979	10,323,849	22,553,459
Machinery	235	92,896,451	18,145	26,016,051	30,675,072	84,260,652
Automobiles	10	78,816,499	16,798	31,110,945	128,833,690	189,807,555
Automobile parts	100	40,710,655	10,441	14,981,791	35,690,690	64,878,624
Bicycles	5	2,893,910	577	917,819	1,456,955	2,680,084
Aircraft	19	30,749,992	10,348	13,773,045	6,813,343	26,567,902
Shipbuilding	47	48,565,107	9,707	15,753,467	18,633,954	44,690,937
Railway rolling stock and parts	35	94,375,351	21,483	32,349,509	52,289,540	95,341,712
Wire and wire goods..	73	32,939,491	5,126	7,126,134	10,298,230	32,446,893
Sheet metal products.	168	68,038,783	10,367	12,921,828	38,041,652	64,277,445
Hardware, cutlery and tools	176	36,364,470	8,665	10,711,557	11,090,315	35,232,992
Bridge and structural steel	22	24,848,485	4,409	7,478,171	16,158,502	31,230,062
Miscellaneous iron and steel	140	11,762,671	2,699	3,758,791	5,690,364	13,000,451
TOTAL	1,433	837,382,032	164,325	242,737,569	454,479,763	906,103,055

Final Iron and Steel

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Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1940 and 1941 (Concluded)

Industry	Number of plants	Capital employed \$	Average number of employees	Salaries and wages \$	Cost of materials at works(x) \$	Gross selling value of products at works \$
<u>1941</u>						
Pig iron, ferro-alloys, steel and rolled products ..	60	168,750,344	23,735	45,037,095	78,824,366	164,566,392
Iron castings	203	59,576,792	15,870	24,411,153	31,807,953	77,638,652
Heating and cooking apparatus	76	21,156,138	6,175	8,309,254	9,162,080	25,353,310
Boilers, tanks and engines	40	19,702,179	4,470	7,286,909	10,166,384	23,088,783
Farm implements ...	34	59,181,436	8,804	12,177,760	14,408,498	34,422,202
Machinery	247	110,809,396	23,376	37,676,055	44,617,850	124,159,341
Automobiles	10	100,507,806	22,401	44,783,064	201,124,930	279,958,339
Automobile parts ..	102	61,183,370	16,138	25,764,272	73,307,685	124,386,867
Bicycles	7	3,705,772	709	1,153,757	1,960,719	3,560,155
Aircraft	24	56,890,281	26,661	39,942,017	19,937,484	81,367,910
Shipbuilding	65	86,873,540	21,240	32,341,826	41,471,884	109,326,883
Railway rolling stock and parts ..	34	113,881,540	28,126	46,126,832	63,310,071	118,080,141
Wire and wire goods	82	36,486,567	6,396	9,107,560	13,235,277	42,395,022
Sheet metal products	171	74,787,774	13,750	18,513,912	55,176,062	95,379,236
Hardware, cutlery and tools	197	49,255,871	11,902	16,948,576	17,176,637	59,552,315
Bridge and structural steel	22	31,508,621	7,162	12,566,538	20,861,731	58,355,506
Machine shop	238	7,612,080	2,926	4,380,567	2,464,676	10,077,765
Miscellaneous iron and steel	148	76,832,162	13,860	21,536,988	16,581,695	51,500,946
TOTAL	1,760	1,138,701,669	253,701	408,064,135	715,595,982	1,483,169,765
Per cent change, 1941 from 1940 ...	+23	+36	+54	+68	+57	+64

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.

(x) Does not include fuel and electricity costing \$32,061,942 in 1941 and \$22,161,342 in 1940.



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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, 1940 and 1941

Province	Number 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>1940</u>						
Prince Edward Island	5	572,948	80	69,272	143,683	316,353
Nova Scotia	37	40,855,861	5,249	8,170,324	16,169,574	35,694,731
New Brunswick ..	23	12,489,170	2,595	3,672,341	4,521,185	9,887,113
Quebec	298	174,377,032	37,144	53,399,148	77,306,804	169,716,578
Ontario	809	530,221,939	103,726	155,273,929	324,218,654	623,197,243
Manitoba	61	27,356,613	7,164	9,821,485	11,291,946	24,516,851
Saskatchewan ...	17	3,681,157	691	913,373	4,963,957	7,264,432
Alberta	43	10,251,044	1,916	2,592,668	2,544,665	5,813,965
British Columbia	140	37,576,268	5,760	8,825,029	13,319,295	29,695,789
CANADA	1,433	837,382,032	164,325	242,737,569	454,479,763	906,103,055
<u>1941</u>						
Prince Edward Island	6	637,312	85	69,230	198,033	361,596
Nova Scotia	58	49,173,906	7,794	12,221,679	20,089,089	42,742,111
New Brunswick ..	28	14,081,958	3,474	5,212,965	7,902,492	16,667,810
Quebec	349	271,648,151	62,183	96,311,001	118,597,574	291,673,076
Ontario	967	703,181,119	155,830	257,006,519	517,722,020	1,012,490,163
Manitoba	79	32,108,116	8,693	13,026,046	13,283,622	33,314,891
Saskatchewan ...	29	3,137,552	658	912,582	4,646,494	6,671,087
Alberta	62	11,652,227	2,214	3,302,052	3,258,969	7,568,862
British Columbia	182	53,081,328	12,770	20,002,061	29,897,689	71,680,169
CANADA	1,760	1,138,701,669	253,701	408,064,135	715,595,982	1,483,169,765