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H. McLeodIRON AND STEEL AND THEIR PRODUCTSFINAL SUMMARY STATISTICS, 1946.

A final analysis of the 1946 reports from the manufacturers of iron and steel and their products in Canada indicates a gross production valued at \$1,405,542,865 at factory prices. This output value was 28.8 per cent below the corresponding figure for 1945.

The values by industries for 1946 were as follows, in millions of dollars: pig iron, ferro-alloys, steel and rolled products, \$153.1; iron castings \$82.3; heating and cooking apparatus \$35.9; boilers, tanks and platework \$26.7; farm implements \$63.2; machinery \$145.6; automobiles \$193.4; automobile parts \$93.4; bicycles \$3.7; aircraft \$36.2; shipbuilding \$91.8; railway rolling stock and parts \$162.2; wire and wire goods \$40.1; sheet metal products \$115.7; hardware, cutlery and tools \$73.1; bridge and structural steel work \$40.1; machine shops \$20.5; and miscellaneous iron and steel products \$28.4.

The distribution of this production by provinces was as follows: Ontario had \$879.2 millions; Quebec \$330.4; Nova Scotia \$42.0; Manitoba \$44.7; British Columbia \$77.9; New Brunswick \$14.9; Saskatchewan \$2.7; Alberta \$13.1; and Prince Edward Island \$0.6 millions.

In 1946 a total of 2,356 factories operated in this group. These works employed a monthly average of 249,279 people who were paid \$475.8 millions for salaries and wages. Materials used in manufacturing processes cost \$635.3 millions, and fuel and electricity cost \$34.7 millions.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1945.

Industry	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
<u>1 9 4 5</u>						
Pig iron, ferro-alloys, steel and rolled products	63	29,378	57,862,489	16,002,441	86,417,375	192,279,159
Iron castings .....	205	15,726	29,316,949	2,415,849	29,478,446	76,581,974
Heating and cooking apparatus .....	73	7,025	11,751,285	577,225	10,528,997	29,954,426
Boilers, tanks and plate work .....	37	4,670	9,685,220	506,984	8,958,003	23,883,210
Farm implements .....	41	13,554	24,409,526	1,078,734	26,414,939	57,621,390
Machinery .....	267	26,285	46,982,376	1,750,316	44,817,319	138,192,090
Automobiles .....	6	17,915	43,623,220	1,744,299	164,963,785	228,695,109
Automobile parts .....	108	17,390	33,115,867	1,937,402	65,897,750	126,562,829
Bicycles .....	7	691	1,135,695	73,012	1,288,153	3,072,950
Aircraft .....	38	37,812	84,230,503	1,813,007	115,093,267	278,652,880
Shipbuilding .....	89	48,118	99,470,593	2,653,650	60,294,253	204,594,323
Railway rolling stock and parts .....	37	30,515	61,793,939	4,181,244	84,264,315	181,249,842
Wire and wire goods .....	89	6,158	10,791,526	953,731	13,837,950	41,026,403
Sheet metal products .....	196	17,121	27,736,555	1,381,839	58,242,909	106,257,719
Hardware, cutlery and tools .....	244	14,901	26,025,726	1,296,834	20,238,543	68,945,881
Bridge and structural steel .....	23	7,057	15,087,130	806,164	18,908,255	46,435,278
Machine shops .....	479	6,740	12,549,187	406,338	6,560,145	25,582,177
Miscellaneous iron and steel .....	186	20,663	41,768,204	2,207,909	71,221,217	145,722,443
Total .....	2,186	321,719	637,335,990	41,786,978	887,425,621	1,975,510,083





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Iron and Steel

**Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1946.**

Industry	Number of plants	Average number of em- ployees	Salaries and wages \$	Cost of fuel and electricity at works \$	Cost of materials at works \$	Gross selling value of products at works \$
<u>1946 (Final)</u>						
Pig iron, ferro-alloys, steel and rolled products	59	24,196	50,515,897	13,032,123	68,468,433	153,082,616
Iron castings .....	219	16,925	31,381,935	2,346,480	27,446,850	82,278,070
Heating and cooking apparatus .....	95	7,825	13,027,604	611,497	13,098,796	35,979,749
Boilers, tanks and plate work .....	44	5,042	9,974,544	511,512	9,791,684	26,710,902
Farm implements .....	51	13,866	25,475,108	1,162,059	32,852,259	63,238,542
Machinery .....	299	27,003	50,246,824	1,845,981	50,760,795	145,638,248
Automobiles .....	9	21,647	43,968,772	1,969,064	135,556,183	193,439,688
Automobile parts .....	124	15,348	27,808,618	1,659,068	43,519,433	93,428,899
Bicycles .....	7	707	1,217,162	74,132	1,725,538	3,686,374
Aircraft .....	16	11,405	24,459,085	787,180	6,708,468	36,210,906
Shipbuilding .....	79	20,246	40,975,731	1,400,316	25,915,348	91,851,460
Railway rolling stock and parts .....	37	28,553	57,815,845	3,567,097	83,937,365	162,159,521
Wire and wire goods .....	97	6,140	11,130,686	893,986	12,528,160	40,133,889
Sheet metal products .....	230	16,858	27,574,283	1,419,454	62,991,981	115,699,555
Hardware, cutlery and tools .....	276	15,868	27,259,296	1,320,846	22,823,598	73,059,549
Bridge and structural steel .....	25	6,091	12,825,390	639,503	18,896,434	40,122,695
Machine shops .....	460	5,458	9,694,842	383,174	6,343,877	20,452,712
Miscellaneous iron and steel .....	229	6,101	10,461,361	1,115,823	11,978,947	28,369,490
Total .....	2,356	249,279	475,812,983	34,739,295	635,344,199	1,405,542,865

**Table 3 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, BY PROVINCES, 1945 and 1946**

Province	Number of plants	Average number of em- ployees	Salaries and wages \$	Cost of fuel and electricity at works \$	Cost of materials at works \$	Gross selling value of products at works \$
<u>1945</u>						
Prince Edward Island .....	7	224	304,805	21,171	225,389	566,318
Nova Scotia .....	78	16,000	30,675,797	3,508,841	31,665,579	75,706,067
New Brunswick .....	35	4,372	8,498,184	457,891	3,561,587	16,703,161
Quebec .....	474	89,382	179,693,454	9,606,271	195,698,240	484,010,669
Ontario .....	1,151	166,406	327,818,322	24,829,514	589,049,644	1,185,566,783
Manitoba .....	95	10,186	18,498,989	1,157,013	16,804,111	43,873,398
Saskatchewan .....	39	1,035	1,779,191	130,463	5,802,694	8,581,359
Alberta .....	67	3,387	6,339,062	327,179	5,437,408	13,524,096
British Columbia and Yukon	242	30,727	63,728,186	1,748,635	39,180,969	141,778,232
CANADA .....	2,188	321,719	637,335,990	41,786,978	887,425,621	1,975,310,083
<u>1946</u>						
Prince Edward Island .....	6	152	242,256	16,000	263,842	575,699
Nova Scotia .....	68	10,507	18,713,446	2,512,863	18,128,159	42,029,197
New Brunswick .....	32	3,696	6,949,937	407,579	3,638,894	14,983,484
Quebec .....	531	65,436	124,818,420	7,531,943	137,997,257	330,375,759
Ontario .....	1,241	142,765	272,854,241	21,729,759	424,445,021	879,156,689
Manitoba .....	104	9,831	18,042,446	1,232,481	18,946,075	44,738,951
Saskatchewan .....	39	555	903,799	62,988	1,057,655	2,677,181
Alberta .....	74	2,966	5,590,952	253,093	5,173,186	13,059,146
British Columbia and Yukon	261	13,371	27,697,486	992,589	25,694,110	77,946,759
CANADA .....	2,356	249,279	475,812,983	34,739,295	635,344,199	1,405,542,865