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IRON AND STEEL AND THEIR PRODUCTS

FINAL SUMMARY STATISTICS - 1947

A final analysis of the 1947 reports from the manufacturers of iron and steel and their products in Canada indicates a gross production valued at \$1,854,915,562 at factory prices. This output value was 31.9 per cent above the corresponding figure for 1946.

The values by industries for 1947 were as follows, in millions of dollars: pig iron, ferro-alloys, steel and rolled products, \$216.3; iron castings \$102.5; heating and cooking apparatus \$44.9; boilers, tanks and platework \$35.8; farm implements \$89.4; machinery \$200.9; automobile \$340.9; automobile parts \$131.5; bicycles \$4.0; aircraft \$44.3; shipbuilding \$110.1; railway rolling stock and parts \$159.3; wire and wire goods \$54.6; sheet metal products \$129.5; hardware, cutlery and tools \$79.5; bridge and structural steel work \$52.6; machine shops \$22.6; and miscellaneous iron and steel products \$36.0.

The distribution of this production by provinces was as follows: Ontario had \$1244.1 millions; Quebec \$382.7; Nova Scotia \$51.8; Manitoba \$555.9; British Columbia \$80.6; New Brunswick \$19.7; Saskatchewan \$3.2; Alberta \$16.4; and Prince Edward Island \$0.6 millions.

In 1947 a total of 2,469 factories operated in this group. These works employed a monthly average of 263,482 people who were paid \$559.9 millions for salaries and wages. Materials used in manufacturing processes cost \$871.9 millions, and fuel and electricity cost \$43.7 millions.

Table 1 - 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>1 9 4 6</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	43,519,483	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

Iron and Steel

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1947.

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>1 9 4 7</u>						
Pig iron, ferro-alloys, steel and rolled products	58	26,933	60,285,368	18,863,396	104,532,334	216,279,611
Iron castings	216	18,167	38,201,506	2,627,481	36,201,211	102,515,842
Heating and cooking apparatus	99	7,853	14,898,388	695,455	17,181,317	44,901,382
Boilers, tanks and plate work	49	5,598	12,535,963	613,297	14,637,411	35,775,822
Farm implements	61	16,013	31,244,006	1,461,921	49,799,417	89,423,469
Machinery	322	29,920	61,969,692	2,216,382	74,101,757	200,894,754
Automobiles	9	23,837	58,407,977	2,332,456	226,845,132	340,918,195
Automobiles parts	128	17,487	36,559,864	2,075,025	65,430,940	131,534,939
Bicycles	9	740	1,322,412	78,493	1,869,130	4,090,164
Aircraft	12	9,374	21,422,060	749,639	16,190,747	44,303,576
Shipbuilding	74	21,119	46,457,707	1,653,601	37,263,603	110,131,129
Railway rolling stock and parts	37	28,526	61,754,235	3,817,648	73,076,408	159,283,149
Wire and wire goods	97	6,687	13,911,469	1,018,054	18,278,925	54,563,614
Sheet metal products	253	17,637	33,261,819	1,648,691	68,591,605	129,494,990
Hardware, cutlery and tools	288	14,934	28,904,293	1,474,216	25,033,959	79,536,832
Bridge and structural steel	26	7,178	16,132,591	724,861	22,160,375	52,559,258
Machine shops	509	5,469	10,642,887	464,474	6,697,900	22,663,008
Miscellaneous iron and steel	222	6,010	12,056,264	1,214,403	14,073,124	36,049,861
TOTAL	2,469	263,482	559,968,501	43,729,493	871,965,295	1,854,915,562

Table 3 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, BY PROVINCES, 1946 and 1947

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>1 9 4 6</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
<u>1 9 4 7</u>						
Prince Edward Island	6	157	250,601	14,824	281,974	579,201
Nova Scotia	72	9,992	18,507,894	2,794,084	22,174,914	51,809,736
New Brunswick	36	3,879	8,166,516	547,956	7,619,636	19,742,684
Quebec	543	67,938	141,518,288	8,624,670	158,980,041	382,727,426
Ontario	1,298	154,698	335,380,614	28,858,612	623,279,744	1,244,124,902
Manitoba	108	10,263	20,846,569	1,384,972	24,487,749	55,595,719
Saskatchewan	42	568	1,032,611	70,558	1,441,363	3,241,519
Alberta	84	3,423	6,955,768	321,053	6,904,446	16,439,328
British Columbia and Yukon	280	12,564	27,329,640	1,112,764	26,795,428	80,655,047
CANADA	2,469	263,482	559,968,501	43,729,493	871,965,295	1,854,915,562