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IRON AND STEEL AND THEIR PRODUCTS

FINAL SUMMARY STATISTICS, 1944

A final analysis of the 1944 reports from the manufacturers of iron and steel and their products in Canada indicates a gross production valued at \$2,540,992,974 at factory prices. This output value was only 1.3 per cent below the corresponding figure for 1943.

The values by industries for 1944 were as follows, in millions of dollars: pig iron, ferro-alloys, steel and rolled products, \$212.5; iron castings \$73.3; heating and cooking apparatus \$27.2; boilers, tanks and platework \$32.3; farm implements \$61.1; machinery \$147.5; automobiles \$324.1; automobile parts \$160.2; bicycles \$3.0; aircraft \$427.0; shipbuilding \$323.3; railway rolling stock and parts \$167.3; wire and wire goods \$41.6; sheet metal products \$109.3; hardware, cutlery and tools \$78.3; bridge and structural steel work \$53.4; machine shops \$29.9; and miscellaneous iron and steel products \$256.4.

The distribution of this production by provinces was as follows: Ontario had \$1,483.2 millions; Quebec \$648.5; Nova Scotia \$87.1; Manitoba \$50.8; British Columbia \$218.2; New Brunswick \$19.1; Saskatchewan \$11.0; Alberta \$16.0; and Prince Edward Island \$1.2 millions.

In 1944 a total of 2,132 factories operated in this group. These works employed a monthly average of 411,944 people who were paid \$818.5 millions for salaries and wages. Materials used in manufacturing processes cost \$1,104.1 millions, and fuel and electricity cost \$46.2 millions.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1943

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 \$
Pig iron, ferro-alloys, steel and rolled products	63	34,222	65,654,468	18,985,135	101,413,794	223,951,059
Iron castings	198	15,916	28,727,856	2,414,611	26,677,705	75,479,138
Heating and cooking apparatus	72	6,326	10,112,094	539,943	10,382,209	27,645,874
Boilers, tanks and plate work	38	5,469	11,086,571	547,891	16,270,970	37,365,932
Farm implements	37	14,065	24,597,880	1,210,780	25,213,399	56,952,569
Machinery	256	28,239	52,818,044	1,793,257	48,685,844	152,359,576
Automobiles	5	24,265	57,569,265	2,227,727	248,652,602	352,229,955
Automobile parts	101	21,631	40,328,567	2,203,570	89,986,643	175,074,983
Bicycles	8	733	1,442,731	77,470	1,543,280	3,369,040
Aircraft	45	69,529	126,826,708	1,749,421	60,448,010	246,028,586
Shipbuilding	87	75,847	153,595,336	3,428,518	123,317,336	376,560,974
Railway rolling stock and parts	34	30,495	59,442,679	4,007,840	83,069,419	159,156,587
Wire and wire goods	30	6,674	10,993,311	903,977	12,717,237	41,117,308
Sheet metal products	191	16,955	26,577,908	1,240,412	48,922,922	96,923,991
Hardware, cutlery and tools	241	19,228	33,222,087	1,347,034	24,233,712	91,226,033
Bridge and structural steel	22	10,974	23,175,872	1,005,517	24,014,652	72,515,834
Machine shops	405	6,609	11,395,002	366,560	4,643,965	25,251,034
Miscellaneous iron and steel	161	48,567	95,810,305	3,294,764	131,658,309	364,698,074
TOTAL	2,044	435,744	835,383,684	47,350,427	1,131,658,008	2,575,976,547

Final Iron and Steel

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Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1944

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
Pig iron, ferro-alloys, steel and rolled products.	64	30,763	60,837,031	17,276,424	92,214,866	212,509,681
Iron castings	196	15,559	28,952,121	2,468,459	27,810,836	73,967,421
Heating and cooking apparatus	71	6,430	10,608,078	533,021	9,371,197	27,154,079
Boilers, tanks and plate work	37	4,807	9,568,477	538,193	13,005,452	32,267,172
Farm implements	39	14,053	25,469,083	1,086,700	25,165,749	61,038,723
Machinery	258	26,692	50,452,569	1,723,381	50,665,344	147,519,776
Automobiles	5	22,499	53,873,982	2,327,165	234,578,288	324,090,755
Automobile parts	104	20,366	38,671,730	2,171,569	84,155,653	160,195,390
Bicycles	8	675	1,230,809	78,271	1,137,323	2,964,189
Aircraft and parts	45	72,572	161,055,010	2,593,792	137,734,065	426,981,558
Shipbuilding	94	67,076	138,967,246	3,610,913	101,056,440	329,299,643
Railway rolling stock and parts	37	29,911	61,355,214	3,861,080	78,432,577	167,806,607
Wire and wire goods	84	6,575	11,449,592	934,152	13,506,456	41,609,836
Sheet metal products	194	16,852	27,140,973	1,277,564	57,624,118	109,928,858
Hardware, cutlery and tools	242	16,359	29,790,676	1,401,587	20,610,853	78,860,180
Bridge and structural steel	22	8,784	19,409,905	873,640	23,936,307	58,409,746
Machine shops	522	8,008	14,517,083	423,140	6,339,479	29,922,000
Miscellaneous iron and steel	170	36,963	75,076,875	3,015,914	126,539,119	256,407,290
TOTAL	2,192	411,944	818,452,454	46,205,965	1,104,083,922	2,540,992,974

Table 3 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, BY PROVINCES, 1943 and 1944

Province	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
1943						
Prince Edward Island	6	239	336,562	18,026	314,348	901,436
Nova Scotia	71	20,392	36,309,282	3,141,947	29,650,246	79,993,879
New Brunswick	37	4,824	8,725,990	449,557	5,599,072	18,930,490
Quebec	424	120,658	228,977,493	11,390,427	305,671,537	674,027,880
Ontario	1,119	222,680	429,810,324	28,676,962	689,611,416	1,480,540,197
Manitoba	85	10,478	18,131,628	1,066,823	15,837,538	41,933,150
Saskatchewan	30	2,124	3,683,719	189,372	5,425,127	10,065,800
Alberta	61	4,175	7,433,330	312,880	4,624,647	14,955,614
British Columbia and Yukon	211	50,174	99,975,356	2,104,433	75,124,277	254,628,101
CANADA	2,044	435,744	833,383,684	47,250,427	1,131,858,008	2,575,976,547
1944						
Prince Edward Island	7	324	571,397	20,014	505,842	1,233,249
Nova Scotia	77	20,391	39,351,937	3,483,017	32,512,969	87,071,066
New Brunswick	39	4,743	9,207,032	349,669	4,504,534	19,073,167
Quebec	453	114,673	226,413,694	10,737,525	274,554,737	648,480,258
Ontario	1,183	212,310	422,897,114	27,685,890	701,823,124	1,489,172,929
Manitoba	89	12,286	22,268,527	1,191,166	17,537,270	50,769,829
Saskatchewan	36	1,506	2,850,787	147,953	5,610,084	10,972,572
Alberta	63	4,001	7,708,715	320,862	5,377,379	16,038,988
British Columbia and Yukon	239	41,710	87,177,251	2,269,869	61,657,983	218,180,916
CANADA	2,192	411,944	818,452,454	46,205,965	1,104,083,922	2,540,992,974