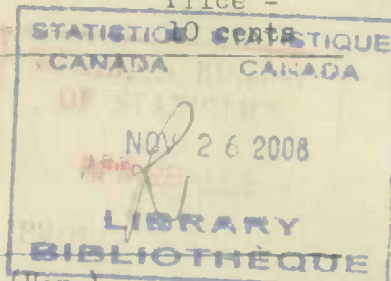


Published by Authority of the HON. W. D. EULER, M.P.
Minister of Trade and Commerce.

69-19-4-38

Price -

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA



Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.
Statistician - Metal and Chemical Products: H. McLeod, B.Sc.

IRON AND STEEL AND THEIR PRODUCTS

FINAL SUMMARY STATISTICS - 1936.

A final analysis of the 1936 reports from the manufacturers of iron and steel and their products, in Canada, indicates a gross production valued at \$453,385,553, at factory prices. This value was 16 per cent higher than 1935. The data for 1936, however, are not exactly comparable with previous years in that the aircraft and shipbuilding industries are included in the iron and steel group for the first time.

There was a substantial increase over 1935 in each of the individual groups, with the exception of the automobile industry. The primary iron and steel industry (pig iron, ferro-alloys, steel and rolled products) advanced 20 per cent to \$46,376,892; castings and forgings, 8 per cent to \$31,011,884; heating and cooking apparatus, 30 per cent to \$13,032,554; boilers, tanks and engines, 13 per cent to \$8,305,830; farm implements, 16 per cent to \$15,957,460; machinery, 26 per cent to \$41,447,473; automobile parts, 2 per cent to \$33,378,508; bicycles, 18 per cent to \$1,501,866; railway rolling stock, 38 per cent to \$56,969,453; wire and wire goods, 13 per cent to \$18,369,397; sheet metal products, 19 per cent to \$39,994,151; hardware, tools and cutlery, 11 per cent to \$17,791,055; bridge building and structural steel work, 56 per cent to \$11,913,918, and miscellaneous iron and steel, 12 per cent to \$4,136,099. The automobile industry showed a small decline of 1 per cent to \$105,350,035.

In 1936, a total of 1,317 factories in Canada were included in the iron and steel industry. These plants had fixed and working capital amounting to \$600,424,322 and employed a monthly average of 107,203 people who were paid \$126,537,657 in salaries and wages during the year. Materials used in manufacturing cost \$227,886,781.

Canada's imports of iron and steel products during 1936 showed a gain of 21 per cent over the previous year. Foreign purchases during the year were appraised at \$135,759,104 and included \$108,428,041 from the United States and \$21,687,639 from the United Kingdom.

Exports advanced 4 per cent to \$52,303,878 but re-exports declined 28 per cent to \$1,801,992. Of these shipments, 24 per cent, or \$12,902,584, went to the United Kingdom and 14 per cent, or \$7,607,882, to the United States.

Table 1 - PRINCIPAL STATISTICS OF THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1935 and 1936.

Industries	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Gross Selling value of products at works
		\$		\$	\$	\$
<u>1935</u>						
Primary iron and steel	53	86,465,490	9,523	12,279,390	18,539,072	38,700,961
Castings and forgings	243	48,636,433	9,890	10,262,444	10,687,919	28,718,833
Heating and cooking apparatus	60	14,949,046	3,870	3,876,528	3,354,963	10,060,980
Boilers, tanks and engines	56	15,417,364	2,410	2,771,854	2,774,327	7,335,523
Farm implements	34	55,528,865	4,989	5,325,620	3,448,183	13,692,476
Machinery	211	59,899,705	8,949	10,531,251	12,194,263	32,856,175
Automobiles	20	40,765,548	13,095	18,797,599	75,645,998	106,824,445
Automobile parts	82	23,260,333	6,614	7,411,434	18,528,296	32,384,252
Bicycles	4	2,000,548	346	347,382	616,815	1,273,447
Railway rolling stock	37	86,547,010	16,921	18,785,671	20,769,208	41,213,039
Wire and wire goods ..	71	24,346,325	3,477	3,752,990	5,075,080	16,235,678
Sheet metal products..	129	47,369,004	6,580	6,802,698	18,971,146	33,564,302
Hardware and tools ..	133	25,292,218	5,343	5,343,241	4,869,850	15,970,360
Bridge and structural steel	18	18,935,273	2,056	2,742,956	3,901,609	7,597,599
Miscellaneous iron and steel	98	5,731,305	1,363	1,371,308	1,604,729	3,670,859
TOTAL	1,249	555,144,467	95,426	110,402,366	203,981,458	390,228,929
<u>1936</u>						
Primary iron and steel	55	92,103,774	11,138	13,830,377	21,424,052	46,636,892
Castings and forgings	238	46,429,034	10,391	11,225,938	11,524,940	31,011,884
Heating and cooking apparatus	62	15,802,641	4,455	4,637,174	4,339,283	13,032,554
Boilers, tanks and engines	56	14,848,789	2,519	3,066,242	3,567,813	8,305,860
Farm implements	36	56,121,427	5,508	6,041,620	7,209,399	15,957,460
Machinery	218	61,206,866	10,277	12,305,422	15,761,565	41,447,473
Automobiles	16	46,497,259	12,933	18,164,042	71,201,646	105,350,035
Automobile parts	85	24,730,610	6,842	7,776,726	18,453,840	33,378,508
Bicycles	4	2,042,763	386	396,413	746,515	1,501,866
Railway rolling stock	37	83,258,169	18,633	22,161,277	30,486,569	56,969,453
Wire and wire goods..	73	25,729,266	3,806	4,225,245	5,539,986	18,339,397
Sheet metal products..	138	50,323,623	7,482	7,942,190	22,617,288	39,994,151
Hardware and tools ..	142	26,486,230	5,673	5,902,153	5,779,432	17,791,055
Aircraft	7	1,544,869	416	521,969	571,117	1,347,894
Shipbuilding and repairs	37	28,397,626	2,801	3,204,378	1,530,644	6,241,054
Bridge and structural steel	18	19,672,350	2,567	3,686,714	5,355,196	11,913,918
Miscellaneous iron and steel	95	5,229,026	1,376	1,449,777	1,777,496	4,136,099
TOTAL	1,317	600,424,322	107,203	126,537,657	227,886,781	453,385,553

Table 2 - PRINCIPAL STATISTICS OF THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1935 and 1936.

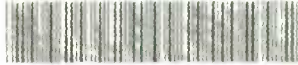
Provinces	No. of Plants	Capital employed	Average number of em- ployees	Salaries and wages	Cost of materials at works	Gross Selling value of products at works
		\$		\$	\$	\$
<u>1935</u>						
Prince Edward Island	5	470,396	76	64,703	110,415	253,845
Nova Scotia	32	27,884,232	2,873	3,592,993	6,064,400	12,891,132
New Brunswick ...	21	6,262,522	1,680	1,779,095	1,977,005	4,265,955
Quebec	255	121,736,170	20,682	21,946,798	26,422,719	62,427,355
Ontario	747	349,263,047	60,381	72,204,519	156,464,187	282,791,632
Manitoba	43	23,679,695	5,782	6,372,677	6,555,941	14,293,781
Saskatchewan	13	1,414,672	191	202,826	208,231	512,440
Alberta	28	9,242,851	1,927	2,033,222	1,621,365	3,992,170
British Columbia..	105	15,190,882	1,834	2,205,533	4,557,195	8,800,619
CANADA	1,249	555,144,467	95,426	110,402,366	203,981,458	390,228,929
<u>1936+</u>						
Prince Edward Island	5	455,442	80	67,442	109,682	234,148
Nova Scotia	40	32,867,342	3,750	4,407,942	8,124,757	17,399,652
New Brunswick ...	21	10,852,160	1,942	2,258,211	2,362,363	5,201,342
Quebec	266	127,268,334	24,637	27,906,126	37,684,779	82,684,309
Ontario	769	371,662,837	65,550	78,812,372	163,849,665	312,495,622
Manitoba	46	23,179,342	6,234	7,212,044	7,394,158	16,021,297
Saskatchewan	12	1,561,027	261	233,341	251,611	536,389
Alberta	30	9,372,280	1,956	2,147,778	1,804,596	4,283,106
British Columbia..	128	23,205,558	2,793	3,492,401	6,305,170	14,529,688
CANADA	1,317	600,424,322	107,203	126,537,657	227,886,781	453,385,553

+ Includes the Aircraft and Shipbuilding Industries.

Table 3 - IMPORTS INTO CANADA, EXPORTS AND RE-EXPORTS OF IRON AND STEEL AND THEIR PRODUCTS DURING THE CALENDAR YEARS 1935 and 1936.

	1935	1936
	\$	\$
<u>IMPORTS</u> -		
TOTAL	112,136,244	135,359,104
From - Great Britain	20,407,113	21,687,639
United States	86,473,621	108,428,041
<u>EXPORTS</u> -		
TOTAL	50,027,165	52,303,878
To - Great Britain	11,297,451	12,736,360
United States	4,781,052	6,078,135
<u>RE-EXPORTS</u> -		
TOTAL	2,512,283	1,801,992
To - Great Britain	137,373	166,224
United States	2,245,537	1,529,747

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010684428