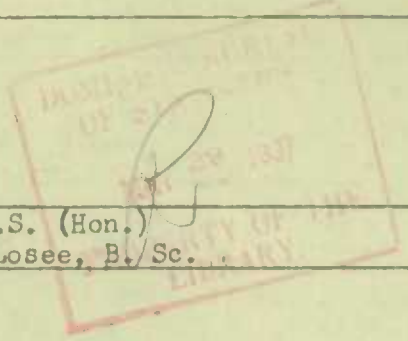


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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA



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.

ANNUAL REPORT

CHEMICALS AND ALLIED PRODUCTS

PRELIMINARY SUMMARY STATISTICS, 1936.

Preliminary figures for 1936 indicate that the production of chemicals and allied products in that year was valued at \$125,702,725 or 6 per cent above the corresponding total for 1935. In only one year has this figure been exceeded, this being in 1929 when the record of \$138,545,281 was attained. But the general price level for chemicals and related products is now about 18 per cent lower than in 1929, and when allowance is made for this factor, the calculation shows the 1936 volume to be greater than in any other year.

The improvement in 1936 was quite general with 13 of the industries showing substantial advances and 1 reporting a very small decline. The gains were as follows: coal tar distillation, 12.9 per cent to \$2,942,255; compressed gases, 7.7 per cent to \$3,315,793; fertilizers, 13.9 per cent to \$6,923,364; medicinals, 4.9 per cent to \$22,356,888; paints, 8.8 per cent to \$22,144,522; soaps, 1.9 per cent to \$16,312,876; toilet preparations, 1.1 per cent to \$6,085,900; inks, 6.2 per cent to \$3,066,923; wood distillation, 6.5 per cent to \$858,147; adhesives, 24.1 per cent to \$1,783,391; explosives, 9.5 per cent to \$9,354,351; and miscellaneous, 11.3 per cent to \$9,251,376. The acids, alkalies and salts industry, or the heavy chemical industry, showed a very small decline from 1935, the value of output being \$18,926,291 as against \$19,012,615 in the previous year.

In the whole group there were 743 factories in operation in 1936, involving a capital of \$149,135,904 and employing 19,770 workers. A total of \$51,614,590 was spent on raw materials, \$25,210,970 for salaries and wages, and approximately \$4,300,000 for fuel and electricity. The increase in the average number of employees as compared with 1935 was 4.4 per cent, and the advance in salaries and wages amounted to 6.3 per cent.

About 57 per cent of the production was from Ontario with 387 establishments and output valued at \$71,704,600. Quebec, with 230 factories and production worth \$38,915,253, accounted for 31 per cent.

Canada's imports of chemicals and allied products during 1936 were valued at \$31,971,047 or \$2.2 millions more than in 1935. Purchases from United States at \$18,531,817 made up 57.9 per cent of the total, and shipments from the United Kingdom at \$6,802,014 accounted for 21.3 per cent.

Exports increased in value to \$17,749,628 from \$16,372,476 in 1935. About 43.7 per cent of the exports went to the United States and 21.7 per cent to the United Kingdom. The value of shipments to the United States was \$7,763,681 and to the United Kingdom, \$3,858,025.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS
IN CANADA, BY INDUSTRIES, 1935 and 1936.

Industries	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works
		\$		\$	\$	\$
1935						
Coal tar distillation	10	4,725,668	204	273,279	1,523,137	2,606,338
Acids, alkalis and salts	18	33,381,688	2,627	3,490,897	4,606,713	19,012,615
Compressed gases	28	4,316,244	510	741,631	433,045	3,077,765
Explosives, ammunition and fireworks	8	6,290,008	1,617	1,978,558	3,207,264	8,537,514
Fertilizers	19	15,646,828	996	1,239,337	4,362,594	6,075,616
Medicinals and pharmaceuticals	166	20,091,688	3,664	4,500,252	7,009,191	21,292,751
Paints, pigments and varnishes	80	22,709,466	3,060	4,242,116	9,610,743	20,341,407
Soaps and washing compounds	104	14,118,130	1,931	2,490,918	8,980,703	16,002,048
Toilet preparations .	83	5,396,952	1,050	1,077,006	2,121,621	6,017,944
Inks	31	2,723,672	495	777,281	1,081,695	2,886,853
Wood distillation ...	6	2,064,215	168	135,011	420,866	805,756
Adhesives	17	2,066,754	389	423,513	550,700	1,436,259
Polishes and dressings	46	1,839,486	390	430,744	959,157	2,149,239
Miscellaneous	118	12,101,735	1,832	1,914,762	3,449,447	8,332,123
TOTAL	734	147,472,534	18,933	23,715,305	48,316,376	118,574,228
1936						
Coal tar distillation	10	4,507,861	216	287,819	1,516,122	2,942,255
Acids, alkalis and salts	19	32,516,308	2,963	3,982,787	4,409,669	18,926,291
Compressed gases	28	4,489,296	560	818,677	487,290	3,315,793
Explosives, ammunition and fireworks	8	7,880,237	1,644	2,041,593	3,504,787	9,354,351
Fertilizers	20	14,842,445	920	1,206,910	5,003,408	6,923,364
Medicinals and pharmaceuticals	174	20,905,901	3,826	4,822,072	7,319,742	22,356,888
Paints, pigments and varnishes	77	23,111,934	3,024	4,357,319	10,622,001	22,144,522
Soaps and washing compounds	101	13,880,823	2,025	2,586,250	9,187,068	16,312,876
Toilet preparations .	81	4,977,730	1,097	1,151,462	2,192,141	6,085,900
Inks	31	2,856,492	519	849,141	1,206,236	3,066,923
Wood distillation ...	6	2,064,721	176	138,151	406,690	858,147
Adhesives	19	2,253,639	421	461,038	817,722	1,783,391
Polishes and dressings	44	2,221,839	429	489,461	1,123,537	2,380,648
Miscellaneous	125	12,626,678	1,950	2,013,290	3,818,177	9,251,376
TOTAL	743	149,135,904	19,770	25,210,970	51,614,590	125,702,725

NOTE - 1936 figures are preliminary and subject to revision.

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS IN CANADA, BY PROVINCES, 1935 and 1936.

Provinces	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works
		\$		\$	\$	\$
<u>1935</u>						
Nova Scotia and Prince						
Edward Island	14	2,025,516	229	242,347	977,792	1,725,279
New Brunswick	7	1,363,332	133	153,531	697,411	1,232,251
Quebec	219	51,293,993	6,806	8,072,962	14,194,239	34,767,941
Ontario	387	71,168,949	9,912	12,893,223	27,270,531	69,304,933
Manitoba	36	4,908,491	612	682,198	1,813,824	3,839,153
Saskatchewan	10	599,717	87	92,128	127,743	324,764
Alberta	14	480,582	72	89,021	230,950	562,736
British Columbia ...	47	15,631,954	1,082	1,489,895	3,004,386	6,817,171
CANADA	734	147,472,534	18,933	23,715,305	48,316,876	118,574,228
<u>1936</u>						
Nova Scotia and Prince						
Edward Island	14	1,937,448	260	277,434	1,091,097	1,976,211
New Brunswick	7	1,172,853	138	181,099	867,981	1,289,163
Quebec	230	52,999,618	7,173	8,605,677	15,655,267	38,915,253
Ontario	387	72,086,518	10,295	13,610,856	28,823,273	71,704,600
Manitoba	35	4,812,112	599	682,960	1,824,110	3,963,825
Saskatchewan	10	510,703	69	90,075	101,829	239,714
Alberta	12	433,229	67	77,242	212,692	518,908
British Columbia ...	48	15,183,423	1,169	1,685,727	3,038,341	7,095,051
CANADA	743	149,135,904	19,770	25,210,970	51,614,590	125,702,725

NOTE - 1936 figures are preliminary and subject to revision.

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