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CHEMICALS AND ALLIED PRODUCTS

FINAL SUMMARY STATISTICS - 1937

Final figures for 1937 indicate that the production of chemicals and allied products in that year was valued at \$148,973,220, or 17 per cent above the corresponding total for 1936. This year's total was the highest on record, being 7.5 per cent above the former high of \$138,545,281 established in 1929. The advance over the latter year is even more impressive when consideration is given to the decline in prices, amounting to 14.7 per cent, which has occurred in the interval. By allowing for this factor, and thus placing the comparison on a volume basis, the calculation shows that the 1937 output was actually 26 per cent greater than in 1929.

The improvement in 1937 was general, with 12 of the industries showing substantial increases over the previous year and only one reporting a small decline. The gains were as follows: coal tar distillation, 15.5 per cent to \$3,399,541; acids, alkalis and salts industry, or the heavy chemicals industry, 18 per cent to \$22,410,168; compressed gases, 16.9 per cent to \$3,929,242; fertilizers, 45 per cent to \$10,266,953; medicinals, 11.5 per cent to \$24,814,647; paints, 12.7 per cent to \$25,531,117; soaps, 20.7 per cent to \$19,693,888; toilet preparations, 4.5 per cent to \$6,842,937; inks, 6.1 per cent to \$3,270,506; adhesives, 5.8 per cent to \$1,904,137; polishes and dressings, 10.2 per cent to \$2,736,269; and the miscellaneous group, 26.2 per cent to \$23,424,731. The hardwood distillation industry showed a decline from 1936, the value of output being \$749,084 compared with \$857,647, a drop of 12.7 per cent.

In the whole chemical group there were 754 factories operating in 1937, with a capital investment of \$161,165,068 and employing 21,968 workers. A total of \$64,460,947 was spent on raw materials, \$28,612,719 for salaries and wages, and \$5,222,033 for fuel and electricity. The increase in the average number of employees, compared with 1936, was 10.3 per cent and the advance in salaries and wages amounted to 13.4 per cent.

About 58 per cent of the production was from Ontario's 387 establishments, their output being valued at \$85,751,105 in 1937; Quebec, with 234 factories and a production of \$45,096,665, accounted for 30 per cent of the total for Canada.

Canada's imports of chemicals and allied products during 1937 were valued at \$37,393,423, or \$5.4 millions more than in 1936. Purchases from the United States at \$22,502,132 made up 60.1 per cent of the total, and shipments from the United Kingdom at \$7,857,577 accounted for 21 per cent.

Exports increased in value to \$21,666,897 from \$17,749,628 in 1936. About 44.8 per cent of the exports went to the United States and 24.2 per cent to the United Kingdom. The value of shipments to the United States was \$9,724,310 and to the United Kingdom, \$5,248,845.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS
IN CANADA, BY INDUSTRIES, 1936 and 1937.

Industry	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>1936</u>						
Coal tar distillation	10	4,507,861	216	287,819	1,516,122	2,942,255
Acids, alkalies and salts	20	32,596,308	2,966	3,988,310	4,680,299	18,959,512
Compressed gases	28	4,565,549	568	823,714	490,041	3,360,220
Fertilizers	20	14,800,141	930	1,196,286	4,996,084	7,075,831
Medicinals and pharmaceuticals	169	20,760,912	3,857	4,797,458	7,384,370	22,251,550
Paints, pigments and varnishes	78	23,274,558	3,124	4,428,387	10,817,694	22,651,225
Soaps and washing compounds	102	11,564,606	1,993	2,540,559	9,121,222	16,313,502
Toilet preparations..	87	5,624,306	1,171	1,199,913	2,379,755	6,544,377
Inks	33	2,965,168	533	855,722	1,225,072	3,082,042
Hardwood distillation	6	2,064,721	176	138,151	406,690	857,647
Adhesives	19	2,266,199	420	457,170	813,291	1,799,200
Polishes and dressings	48	2,236,299	432	501,142	1,146,356	2,481,044
Miscellaneous	125	20,437,905	3,524	4,012,636	7,505,877	18,556,386
TOTAL	745	147,664,533	19,910	25,227,267	52,482,873	126,874,791
<u>1937</u>						
Coal tar distillation	10	4,392,474	254	357,744	2,189,237	3,399,541
Acids, alkalies and salts	21	35,094,008	3,359	4,893,418	6,008,977	22,410,168
Compressed gases	27	4,605,170	606	919,773	527,410	3,929,242
Fertilizers	20	16,689,720	1,023	1,447,625	6,693,841	10,266,953
Medicinals and pharmaceuticals	174	22,780,119	4,296	5,311,120	8,808,929	24,814,647
Paints, pigments and varnishes	82	23,853,360	3,324	4,827,199	12,307,011	25,531,117
Soaps and washing compounds	101	14,201,659	2,284	2,836,208	11,255,146	19,693,888
Toilet preparations..	82	5,962,591	1,207	1,269,340	2,577,943	6,842,937
Inks	31	2,921,173	520	882,449	1,278,720	3,270,506
Wood distillation ...	5	1,546,353	183	139,992	421,321	749,084
Adhesives	18	2,357,662	416	483,819	901,194	1,904,137
Polishes and dressings	46	2,475,656	462	528,462	1,400,923	2,736,269
Miscellaneous	137	24,285,123	4,034	4,715,570	10,092,295	23,424,731
TOTAL	754	161,165,068	21,968	28,612,719	64,460,947	148,973,220
% change 1937 from 1936	/1.2	/9.1	/10.3	/13.4	/22.8	/17.4

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS
IN CANADA, BY PROVINCES, 1936 and 1937.

Province	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>1936</u>						
Nova Scotia and Prince Edward Island	15	1,934,617	260	277,434	1,090,597	1,975,011
New Brunswick	7	1,172,853	128	160,409	867,981	1,289,163
Quebec	227	53,206,827	7,081	8,565,670	15,479,121	38,487,587
Ontario	385	70,207,971	10,509	13,664,809	29,645,777	72,831,167
Manitoba	36	4,922,841	630	712,042	1,963,032	4,241,879
Saskatchewan	11	543,157	49	61,315	99,412	228,953
Alberta	18	515,851	72	86,505	260,493	604,924
British Columbia	48	15,160,416	1,181	1,699,083	3,076,460	7,216,107
CANADA	745	147,664,533	19,910	25,227,267	52,482,873	126,874,791
<u>1937</u>						
Nova Scotia and Prince Edward Island	13	2,096,732	287	335,799	1,378,151	2,374,241
New Brunswick	7	1,483,513	158	195,033	1,293,969	1,772,346
Quebec	234	56,726,682	7,851	9,590,912	18,939,520	45,096,665
Ontario	387	78,905,378	11,631	15,577,035	36,709,072	85,751,105
Manitoba	37	4,920,330	645	782,135	2,181,784	4,569,710
Saskatchewan	9	577,427	76	103,400	102,764	227,029
Alberta	19	556,712	88	92,681	242,449	658,064
British Columbia	48	15,898,294	1,232	1,935,724	3,613,238	8,524,060
CANADA	754	161,165,068	21,968	28,612,719	64,460,947	148,973,220

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