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CHEMICALS AND ALLIED PRODUCTS

FINAL SUMMARY STATISTICS - 1946

Final statistics for 1946 place the output value for the chemicals and allied products group of industries at \$376.3 millions compared with \$478.5 millions in 1945, a decline of about 21 per cent, which was due entirely to the closing of shell-filling plants and works which made special chemicals for use in military explosives. The 1946 value was more than double the best pre-war total of \$156 millions attained in 1939.

A total of 1,021 establishments were included in this group in 1946, and an average of 37,278 workers were employed. About \$159 millions were expended for materials for manufacturing, \$13 millions for fuel and electricity, and \$66 millions for salaries and wages. The 538 works in Ontario accounted for 54 per cent of the total production, and the 327 establishments in Quebec accounted for 33 per cent.

Eight of the industries showed gains in output compared with 1946, and 5 showed losses. The percentage increases were as follows: fertilizers, 44.9; medicinals, 11.1; paints, 17.2; soaps, 3.0; toilet preparations, 5.9; inks, 24.0; adhesives, 25.1, and polishes, 18.1. The declines were: coal tar distillation, 1.9 per cent; compressed gases, 1.4; heavy chemicals, 29.9; wood distillation, 29.0; and miscellaneous, including plastics, 66.6 per cent.

Imports of chemicals and allied products totalled \$92.9 millions in 1946 compared with \$79.7 millions in 1945. Exports were valued at \$67.6 millions in 1946 and \$111.3 millions in 1945.



Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS IN CANADA, BY INDUSTRIES, 1945 and 1946

Industry	Number of plants	Average	Salaries and wages	Cost of	Cost of materials at works	Gross sell-
		number of employees		fuel and electricity at works		ing value of products at works
			\$	\$	\$	\$
<u>1945</u>						
Coal tar distillation .....	10	381	727,102	341,929	3,356,468	5,616,313
Heavy chemicals .....	35	7,022	14,527,508	8,598,563	22,351,361	67,467,062
Compressed gases .....	41	1,097	1,933,727	347,840	1,269,309	8,429,524
Fertilizers .....	26	2,146	4,418,916	1,116,081	18,708,175	34,505,756
Medicinals and pharmaceuticals ..	204	8,329	12,707,220	410,717	22,941,566	60,330,928
Paints and varnishes .....	90	4,979	8,947,199	425,819	24,532,362	48,396,502
Soaps and washing compounds .....	134	3,210	5,873,994	649,525	18,366,330	37,174,244
Toilet preparations .....	94	2,137	2,842,440	52,386	7,053,472	18,992,908
Inks .....	31	641	1,341,553	46,571	2,138,428	5,037,168
Hardwood distillation .....	5	242	375,356	194,686	843,828	1,407,195
Adhesives .....	20	576	1,067,337	166,210	2,662,236	5,422,488
Polishes and dressings .....	51	739	1,032,071	37,039	4,219,413	8,091,054
Miscellaneous (*) .....	232	29,214	50,197,271	4,246,084	83,754,688	177,661,547
TOTAL .....	973	60,713	105,991,694	16,633,450	212,197,636	478,532,689
<u>1946</u>						
Coal tar distillation .....	11	410	740,619	341,482	3,116,167	5,509,727
Heavy chemicals .....	29	5,338	11,158,999	6,431,503	14,650,883	47,301,400
Compressed gases .....	42	1,064	1,961,493	314,524	1,258,423	8,308,028
Fertilizers .....	29	2,805	5,929,796	3,282,099	22,865,328	49,992,443
Medicinals and pharmaceuticals ..	201	7,670	12,832,173	440,585	23,163,222	67,049,834
Paints and varnishes .....	98	5,006	8,847,406	466,512	28,733,401	56,729,320
Soaps and washing compounds .....	150	3,219	6,213,581	645,786	19,268,952	38,274,818
Toilet preparations .....	95	1,995	2,729,367	53,492	7,622,735	20,117,113
Inks .....	30	653	1,330,097	59,062	2,770,760	6,244,648
Hardwood distillation .....	4	170	236,305	65,459	540,228	999,790
Adhesives .....	22	674	1,223,032	222,384	3,749,579	6,784,313
Polishes and dressings .....	48	723	1,096,194	39,851	5,258,115	9,558,330
Plastics .....	78	3,219	4,964,045	317,770	8,465,878	21,240,140
Miscellaneous (*) .....	184	4,329	7,275,425	709,963	17,844,679	38,178,060
TOTAL .....	1,021	37,278	66,538,532	13,340,472	159,308,350	376,288,264
Per cent change, 1946 from 1945..	...	-38.6	-37.2	-19.9	-24.9	-21.4

(\*) Includes explosives, insecticides, matches, etc.

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS IN CANADA, BY PROVINCES,  
1945 and 1946

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 sell- ing value of products at works \$
<u>1 9 4 5</u>						
Nova Scotia and Prince Edward Island .....	16	421	651,248	98,640	2,859,862	5,064,698
New Brunswick .....	9	298	490,583	45,388	3,002,980	4,669,382
Quebec .....	323	29,967	51,840,402	6,005,074	80,421,057	188,403,106
Ontario .....	511	25,276	43,423,000	7,636,691	108,038,521	230,267,807
Manitoba .....	36	1,995	3,688,319	593,296	6,791,831	13,393,992
Saskatchewan .....	10	123	175,592	12,235	405,539	841,537
Alberta .....	14	464	917,693	545,633	895,410	5,356,245
British Columbia .....	54	2,169	4,804,857	1,696,443	9,782,436	30,535,922
<b>CANADA .....</b>	<b>973</b>	<b>60,713</b>	<b>105,991,694</b>	<b>16,633,450</b>	<b>212,197,636</b>	<b>478,532,689</b>
<u>1 9 4 6</u>						
Nova Scotia and Prince Edward Island .....	18	404	661,592	107,131	3,086,078	5,248,361
New Brunswick .....	8	222	413,410	41,715	2,741,396	3,894,551
Quebec .....	327	13,893	23,813,603	3,271,224	50,544,497	122,786,625
Ontario .....	538	19,351	34,791,639	6,809,199	87,690,705	199,676,206
Manitoba .....	37	654	991,259	75,175	3,487,987	6,929,111
Saskatchewan .....	11	106	162,413	15,547	360,230	963,089
Alberta .....	18	486	922,771	562,625	1,040,910	5,424,071
British Columbia .....	64	2,162	4,781,845	2,457,856	10,356,547	31,366,250
<b>CANADA .....</b>	<b>1,021</b>	<b>37,278</b>	<b>66,538,532</b>	<b>13,340,472</b>	<b>159,308,350</b>	<b>376,288,264</b>

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