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CHEMICALS AND ALLIED PRODUCTS

PRELIMINARY SUMMARY STATISTICS, 1945

According to a preliminary estimate, the value of production for the Chemicals and Allied Products group of industries totalled \$472.3 millions in 1945 compared with \$730.9 millions in 1944, a decline of 35 per cent. The drop in output in 1945 was due entirely to the termination of contracts for ammunition and military explosives following the surrender of Germany and Japan, this resulting in the closing toward the year-end of a number of large war plants which were occupied entirely on military requirements. For the ammunition group alone the value of production was less than \$100 millions in 1945 compared with \$360 millions in 1944. If shell filling and small arms cartridges were excluded from the totals the values for the remaining industries would be approximately as follows:

1940	\$193 millions
1941	273 "
1942	348 "
1943	359 "
1944	371 "
1945	372 "

In 1945 there were about 983 establishments in operation in this group and employment was given to an average of 60,000 workers throughout the year. These firms paid out \$100 millions for salaries and wages, \$16 millions for fuel and electricity, and \$200 millions for manufacturing materials. The decline in employment compared with 1944 was 26 per cent; in salaries and wages 27 per cent; and in cost of materials 44 per cent.

Seven of the industries in this group showed declines in output values in 1945 and six showed increases. The percentage losses were as follows: the miscellaneous group, including shell filling, 60.4; heavy chemicals, 11.0; paints 5.3; compressed gases, 5.5; toilet preparations, 1.8; hardwood distillation 7.9; and polishes, 0.4. The grains were: fertilizers 16.1; medicinals 5.2; soaps 10.6; coal tar distillation, 0.6; inks, 4.4; and adhesives 3.2 per cent.

Exports of chemicals and allied products advanced to \$111.3 millions in 1945 from \$100.7 millions in the preceding year. Imports dropped slightly to \$79.8 millions from \$80.8 millions in 1944.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS
IN CANADA, BY INDUSTRIES, 1944 and 1945

Industry	Average		Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross sell- ing value of products at works
	Number of plants	number of em- ployees				
			\$	\$	\$	\$
<u>1944</u>						
Coal tar distillation.	10	378	732,528	336,971	3,324,047	5,697,144
Heavy chemicals	37	7,964	15,752,782	8,980,955	29,540,390	81,323,151
Compressed gases	40	1,025	1,854,511	350,668	1,193,038	8,933,207
Fertilizers	26	2,226	4,610,420	1,162,992	17,690,683	31,188,945
Medicinals and pharma- ceuticals	201	7,600	11,768,012	369,542	22,535,718	55,639,581
Paints, pigments and varnishes	97	4,821	8,662,357	521,600	24,789,289	49,107,432
Soaps and washing com- pounds	138	2,996	5,354,142	604,910	17,497,145	33,120,521
Toilet preparations ..	93	2,096	2,798,410	69,300	6,126,860	17,811,721
Inks	31	616	1,303,120	46,471	2,019,380	4,740,061
Hardwood distillation.	5	288	418,733	245,190	915,300	1,528,022
Adhesives	24	631	1,123,129	232,435	3,139,664	5,626,892
Polishes and dressings	51	744	1,036,004	32,259	4,033,211	7,358,519
Miscellaneous (x)	228	50,437	82,008,829	4,942,592	227,608,024	431,494,036
TOTAL	981	81,822	137,422,977	17,895,885	360,412,749	733,569,232
<u>1945 (Preliminary)</u>						
Coal tar distillation.	10	381	737,000	338,000	3,357,000	5,732,000
Heavy chemicals	36	7,755	14,395,000	8,588,000	23,360,000	72,409,000
Compressed gases	41	1,114	1,941,000	413,000	1,271,000	8,442,000
Fertilizers	26	2,186	4,454,000	1,123,000	18,506,000	36,209,000
Medicinals and pharma- ceuticals	199	8,075	12,271,000	384,000	22,668,000	58,531,000
Paints, pigments and varnishes	90	4,624	8,256,000	383,000	24,750,000	46,487,000
Soaps and washing com- pounds	139	3,068	5,540,000	642,000	18,010,000	36,620,000
Toilet preparations ..	96	2,367	3,181,000	52,000	6,754,000	17,494,000
Inks	30	648	1,334,000	52,000	2,090,000	4,950,000
Hardwood distillation.	5	242	379,000	195,000	844,000	1,407,000
Adhesives	23	654	1,170,000	232,000	2,990,000	5,807,000
Polishes and dressings	52	651	937,000	34,000	3,900,000	7,327,000
Miscellaneous (x)	236	28,072	46,010,000	3,490,000	72,361,000	170,930,000
TOTAL	983	59,837	100,605,000	15,926,000	200,861,000	472,345,000
Per cent change, 1945 from 1944	-25.6	-26.9	-11.0	-44.3	-35.6

(x) Includes explosives and ammunition filling.

NOTE: Profits or losses cannot be computed from the above figures as data are not available for general expense items, such as rent, depreciation, taxes, insurance, advertising, etc.

Table 1 - Summary of the results of the investigation of the ...

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Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS
IN CANADA, BY PROVINCES, 1944 and 1945

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>1944</u>						
Nova Scotia and Prince Edward Island	16	411	636,164	113,810	2,730,640	4,533,420
New Brunswick ..	7	286	420,975	32,248	2,785,490	3,872,447
Quebec	325	46,443	75,469,476	7,209,154	153,999,527	370,363,933
Ontario	510	28,597	49,928,255	7,694,567	182,170,295	304,317,467
Manitoba	38	3,141	5,054,060	596,926	8,428,078	16,057,864
Saskatchewan ...	9	118	160,927	10,953	312,073	613,380
Alberta	16	508	940,470	544,575	988,671	5,190,555
British Columbia	60	2,318	4,812,650	1,693,652	8,997,975	28,620,166
CANADA	981	81,822	137,422,977	17,895,885	360,412,749	733,569,232

1945(Preliminary)

Nova Scotia and Prince Edward Island	16	414	635,000	173,000	2,850,000	6,599,000
New Brunswick ..	9	308	517,000	45,000	3,003,000	4,667,000
Quebec	328	30,033	48,566,000	5,634,000	74,170,000	183,221,000
Ontario	509	24,382	41,968,000	7,432,000	104,076,000	224,231,000
Manitoba	34	1,924	3,088,000	395,000	5,818,000	12,999,000
Saskatchewan ...	9	129	165,000	11,000	320,000	657,000
Alberta	17	479	906,000	546,000	828,000	5,266,000
British Columbia	61	2,168	4,760,000	1,690,000	9,796,000	34,705,000
CANADA	983	59,837	100,605,000	15,926,000	200,861,000	472,345,000

