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Dominion Statistician: S. A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.
Statistician - Metal and Chemical Products: H. McLeod, B.Sc.

CHEMICALS AND ALLIED PRODUCTS

FINAL SUMMARY STATISTICS, 1943

Production by Canada's chemical industries reached an all-time high in 1943, according to a final summary released by the Dominion Bureau of Statistics at Ottawa. The official figures place the value of Chemicals and Allied Products for that year at \$765 millions, which is 52 per cent more than in 1942 and more than five times the best pre-war total for this group of industries. However, a large part of this gain can be attributed to higher returns from shell-filling plants which are classed in this group in the official records. Without these works the over-all increase was about 8 per cent, a figure which is probably much more representative of the general trend in the chemical field.

Nine of the industries in this group showed higher output values than in 1942, the percentage gains being as follows: heavy chemicals, 20.3; compressed gases, 12.3; fertilizers, 28.2; medicinals, 20.9; toilet preparations, 27.1; adhesives, 23.9; polishes, 4.8, and miscellaneous 91.8. There was a decline of 1.5 per cent in paints, 2.9 per cent in inks, 2.3 in wood distillation, and 3.9 per cent in coal tar distillation, while the value for soaps and cleaning preparations was practically the same as in the previous year.

In the entire group there were 945 establishments in operation, representing an investment of \$759 millions in fixed and working capital and giving employment to a monthly average of 92,288 workers during the year. These firms paid out \$147 millions for salaries and wages, \$368 millions for materials for processing, and \$18 millions in fuel and electricity. Compared with 1942, the increase in capital was 61.1 per cent; in salaries and wages 9.2 per cent; in cost of materials 53.7 per cent, and in value of production 52.5 per cent.

About 44 per cent of the production in 1943 was from Ontario with 484 establishments and output valued at \$336 millions. Quebec, with 310 factories and production worth \$372 millions, accounted for 49 per cent, and British Columbia with 61 plants and output at \$28 millions accounted for 4 per cent of the total.

Imports of chemicals and allied products amounted to \$70.5 millions in 1943 compared with \$66.8 millions in 1942. Exports increased to \$86.4 millions from \$77.3 millions in 1942.

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Final Chemicals

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS IN CANADA, BY INDUSTRIES, 1942 and 1943

Industry	Number of plants	Capital employed	Average	Salaries and wages	Cost of	Gross sell-
			number of employees		materials at works (x)	ing value of products at works
		↓		\$	\$	\$
<u>1 9 4 2</u>						
Coal tar distillation.	10	4,606,201	392	708,857	3,833,826	6,805,791
Heavy chemicals	35	75,169,327	7,842	14,128,210	23,927,969	65,123,577
Compressed gases	36	7,130,923	940	1,534,621	1,255,876	8,203,556
Fertilizers	26	19,722,341	1,973	3,413,722	13,112,322	21,140,397
Medicinals and pharmaceuticals	200	36,494,104	5,560	8,000,240	16,308,496	41,983,247
Paints, pigments and varnishes	96	33,675,532	4,507	7,630,950	24,073,128	45,764,802
Soaps and washing compounds	126	23,964,341	3,268	5,490,076	17,424,418	31,484,125
Toilet preparations ..	88	8,945,144	1,593	1,973,697	4,414,438	12,201,445
Inks	34	3,115,656	596	1,221,692	2,089,757	4,797,245
Hardwood distillation.	6	840,201	297	360,532	961,702	1,764,290
Adhesives	21	3,523,541	559	842,026	2,265,181	4,630,667
Polishes and dressings	56	3,825,989	603	856,070	3,177,899	6,091,109
Miscellaneous	194	250,666,479	64,900	88,185,249	120,541,882	251,665,872
TOTAL	928	471,679,779	93,030	134,345,942	233,386,894	501,656,123
<u>1 9 4 3 (Final)</u>						
Coal tar distillation.	10	5,087,610	424	789,335	4,059,598	6,540,285
Heavy chemicals	38	102,927,307	8,045	15,057,723	27,714,019	78,359,453
Compressed gases	38	7,519,123	1,080	1,848,753	1,380,575	9,212,226
Fertilizers	26	17,913,098	2,204	4,314,742	19,036,806	27,105,357
Medicinals and pharmaceuticals	205	41,791,686	7,187	10,012,562	18,997,079	50,772,686
Paints, pigments and varnishes	96	33,330,845	4,589	8,261,723	22,754,700	45,067,845
Soaps and washing compounds	134	22,765,347	3,220	5,853,026	16,625,211	31,491,328
Toilet preparations ..	86	9,989,810	1,889	2,386,033	5,123,030	15,510,204
Inks	32	3,041,328	571	1,283,869	1,920,857	4,657,465
Hardwood distillation.	6	1,937,425	297	373,457	961,590	1,722,828
Adhesives	22	4,408,819	651	1,091,721	3,037,649	5,736,151
Polishes and dressings	52	3,793,548	703	908,219	3,555,818	6,382,042
Miscellaneous	200	505,359,005	61,428	94,496,031	242,940,411	482,660,017
TOTAL	945	759,864,951	92,288	146,677,194	368,111,343	765,217,887
Per cent gain -						
1943 over 1942	+61.1	-0.8	+9.2	+53.7	+52.5

(x) Does not include fuel and electricity costing \$16 millions in 1942 and \$18 millions in 1943.

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 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS
IN CANADA, BY PROVINCES, 1942 and 1943

Province	Number of plants	Capital employed \$	Average number of em- ployees	Salaries and wages \$	Cost of materials at works (x) \$	Gross sell- ing value of products at works \$
<u>1942</u>						
Nova Scotia and Prince Edward Island	15	4,061,804	405	558,196	2,598,440	4,726,131
New Brunswick ..	8	2,771,793	250	321,238	2,390,795	3,385,302
Quebec	305	238,208,698	51,426	70,211,561	93,332,016	219,104,671
Ontario	476	166,770,267	33,731	51,614,625	119,899,320	235,544,376
Manitoba	37	23,885,489	4,441	6,554,071	7,601,570	16,704,507
Saskatchewan ...	9	362,781	72	105,238	152,984	449,634
Alberta	20	11,042,077	449	799,289	561,007	2,613,581
British Columbia	58	24,576,870	2,256	4,181,724	6,850,762	19,127,921
CANADA	928	471,679,779	93,030	134,345,942	233,386,894	501,656,123
<u>1943 (Final)</u>						
Nova Scotia and Prince Edward Island	15	3,939,008	387	583,781	2,577,147	4,520,342
New Brunswick ..	8	2,477,865	300	424,902	2,623,304	3,674,722
Quebec	310	365,861,886	53,482	82,261,382	131,742,322	371,789,166
Ontario	484	330,565,536	32,137	52,590,733	111,897,880	338,236,584
Manitoba	39	22,435,859	3,035	4,933,881	6,998,096	14,863,116
Saskatchewan ...	9	369,026	91	121,962	222,890	515,040
Alberta	19	11,352,381	507	946,073	584,436	3,501,024
British Columbia	61	22,863,390	2,349	4,814,480	11,465,268	28,317,893
CANADA.....	945	759,864,951	92,288	146,677,194	368,111,343	765,217,887

(x) Does not include fuel and electricity costing \$16 millions in 1942 and \$18 millions in 1943.

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