

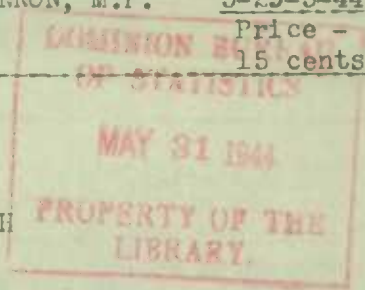
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CENSUS OF INDUSTRY
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA



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CHEMICALS AND ALLIED PRODUCTS

PRELIMINARY SUMMARY STATISTICS - 1943

Production by Canada's chemical industries reached an all-time high in 1943, according to a preliminary 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 \$653 millions, which is 30 per cent more than in 1942 and more than four 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, 7.4; compressed gases, 12.2; fertilizers, 27.6; medicinals, 15.3; toilet preparations, 16.0; adhesives, 8.1; polishes, 4.3; miscellaneous, 52.7, and soaps, 0.5. There was a decline of 3 per cent in paints, 4.9 per cent in inks, 2.3 in wood distillation and 1.2 per cent in coal tar distillation.

In the entire group there were 918 establishments in operation, representing an investment of \$559 millions in fixed and working capital and giving employment to a monthly average of 105,755 workers during the year. These firms paid out \$143 millions for salaries and wages, \$353 millions for materials for processing and \$16 millions in fuel and electricity. Compared with 1942, the increase in capital was 19 per cent; in employment, 14 per cent; in salaries and wages, 7 per cent, in cost of materials, 43 per cent, and in value of production, 30 per cent.

About 52 per cent of the production in 1943 was from Ontario with 470 establishments and output valued at \$338 millions. Quebec, with 299 factories and production worth \$264 millions, accounted for 41 per cent, and British Columbia with 60 plants and output at \$24 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.

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 number of employees	Salaries and wages \$	Cost of materials at works (x) \$	Gross selling value of products at works \$
1942 (Final)						
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	3,203,556
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	25,964,341	3,268	5,490,076	17,424,418	31,484,125
Toilet preparations ..	38	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	3,825,389	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
1943 (Preliminary)						
Coal tar distillation.	10	5,195,911	414	775,187	3,949,855	6,727,438
Heavy chemicals	36	98,895,130	8,072	15,037,992	27,375,111	69,965,141
Compressed gases	38	8,528,946	1,263	2,224,690	1,378,972	2,207,815
Fertilizers	26	19,190,563	2,169	2,661,341	15,563,745	26,976,233
Medicinals and pharmaceuticals	199	39,433,546	6,790	9,335,314	18,452,744	48,426,123
Paints, pigments and varnishes	96	32,878,095	4,541	8,067,247	22,391,877	44,398,818
Soaps and washing compounds	126	25,824,822	3,253	5,777,057	17,004,511	31,645,975
Toilet preparations ..	84	10,131,032	1,806	2,355,490	4,943,804	14,157,003
Inks	33	3,033,170	580	1,273,424	1,890,521	4,563,428
Hardwood distillation	6	1,937,425	297	373,457	961,590	1,722,828
Adhesives	19	3,838,725	555	944,146	2,232,891	5,004,703
Polishes and dressings	53	3,874,393	728	947,457	3,329,463	6,356,534
Miscellaneous	192	308,510,927	75,287	93,693,990	213,639,363	384,309,592
TOTAL	918	559,270,693	105,755	143,466,792	333,114,445	653,461,631
Per cent gain, 1943 over 1942	+18.6	+13.7	+6.8	+42.7	+30.3

(x) Does not include fuel and electricity costing \$15 millions in 1942, and \$17 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.

Data for 1943 are preliminary and subject to revision when complete returns have been compiled.

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 (Final)</u>						
Nova Scotia and P. E. 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	3,365,302
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(Preliminary)</u>						
Nova Scotia and P. E. Island ..	15	3,816,137	337	577,589	2,517,957	4,442,863
New Brunswick ..	8	2,586,739	289	404,378	2,842,221	3,823,897
Quebec	299	319,221,313	67,672	81,767,487	104,613,341	264,525,214
Ontario	470	174,883,747	31,410	51,456,605	207,916,357	338,288,439
Manitoba	38	22,485,834	3,021	4,919,265	6,947,947	14,810,193
Saskatchewan ...	9	363,007	91	121,493	221,702	512,676
Alberta	19	11,485,964	518	949,553	567,344	3,335,177
British Columbia	60	24,421,952	2,367	3,269,817	7,487,576	23,743,169
CANADA	918	559,270,693	105,755	143,466,792	333,114,445	653,461,631

(x) Does not include fuel and electricity costing \$15 millions in 1942 and \$17 millions in 1943.

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