

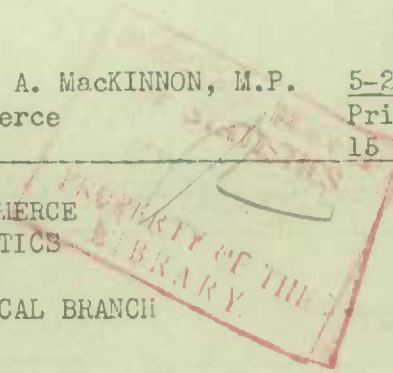
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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
CENSUS OF INDUSTRY  
MINING, METALLURGICAL AND CHEMICAL BRANCH  
OTTAWA - CANADA



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CHEMICALS AND ALLIED PRODUCTS GROUP

PRELIMINARY SUMMARY STATISTICS - 1939

Preliminary totals for 1939 place the output value of chemicals and allied products at \$157,407,059 or 7.7 per cent more than in 1938, and 5.7 per cent more than the former record of \$148,973,220 established in 1937.

The principal statistics for each of the 13 industries in the chemicals and allied products group are given in the accompanying tables. All but 2 industries showed substantial improvement over 1938, the percentage gains being as follows: coal tar distillation, 19.6; acids, alkalies and salts, 12.6; compressed gases, 6.8; fertilizers, 2.6; medicinals, 9.4; paints, 4.6; soaps, 10.1; inks, 8.1; hardwood distillation, 8.1; adhesives, 8.0, and miscellaneous chemical products, 8.4. Output of toilet preparations declined 3.2 per cent and polishes and dressings 0.9 per cent.

In 1939 there were 797 factories in operation in this chemical group, representing an investment in fixed and working capital of \$170,673,035 and employing 22,288 persons. Over \$64 millions was spent on materials for manufacturing, \$31 millions for salaries and wages and about \$4 millions for fuel and electricity.

About 57 per cent of the production was from Ontario with 420 establishments and output valued at \$89,227,731. Quebec with 246 factories and production worth \$47,590,580, accounted for 30 per cent of the total, and British Columbia with 47 plants and output valued at \$10,451,045 accounted for 7 per cent.

Canada's foreign trade in chemicals and allied products was at a record level in 1939. Imports reflecting the increased requirements of expanding domestic industry and possibly also forward purchases in anticipation of higher prices advanced 24.1 per cent to \$43,705,905, and exports, reflecting the greater production in Canada's chemical plants, gained 24.4 per cent to \$24,263,342. The United States supplied 70.2 per cent of the imports in 1939 as against 63.5 per cent in 1938, while shipments from the United Kingdom made up only 16.9 per cent compared with 19.7 per cent in 1938. Forty per cent of the exports in 1939 went to United States, 23.6 per cent to the United Kingdom and 36.4 per cent to other countries.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS  
IN CANADA, BY INDUSTRIES, 1938 and 1939

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>1938</u>						
Coal tar distillation.	10	4,780,847	257	356,564	1,742,366	2,895,237
Acids, alkalies and salts .....	24	32,254,723	2,991	4,571,579	5,223,443	20,476,578
Compressed gases .....	30	4,938,766	654	1,018,694	506,003	3,753,600
Fertilizers .....	26	17,155,945	1,232	1,560,873	8,344,853	12,841,300
Medicinals and pharmaceuticals .....	171	23,508,341	4,270	5,690,826	8,566,007	24,536,474
Paints, pigments and varnishes .....	87	24,252,436	3,412	5,003,001	11,333,307	24,317,532
Soaps and washing compounds .....	109	13,346,856	2,273	2,942,456	9,224,150	13,241,985
Toilet preparations...	83	5,648,460	1,123	1,247,027	2,574,579	6,851,167
Inks .....	31	2,764,654	530	918,535	1,250,000	3,180,990
Wood distillation .....	5	1,559,533	168	136,822	373,763	682,269
Adhesives .....	19	2,580,263	415	496,950	851,529	1,904,253
Polishes and dressings	52	2,485,993	498	601,172	1,484,638	3,096,253
Miscellaneous .....	143	25,989,719	4,073	5,026,018	9,239,464	25,361,669
TOTAL .....	790	161,266,586	21,896	29,570,517	60,714,102	146,139,312
<u>1939</u>						
Coal tar distillation.	10	4,886,988	297	377,034	2,271,975	3,462,590
Acids, alkalies and salts .....	25	36,983,982	3,080	5,034,898	5,785,616	23,058,674
Compressed gases .....	31	5,501,069	672	1,037,718	501,103	4,009,829
Fertilizers .....	26	17,597,017	1,212	1,816,352	8,155,836	13,177,738
Medicinals and pharmaceuticals .....	169	24,903,291	4,338	5,816,735	9,735,606	26,839,409
Paints, pigments and varnishes .....	91	25,317,250	3,454	5,206,666	11,964,578	25,436,810
Soaps and washing compounds .....	109	14,888,650	2,400	3,219,247	9,124,888	20,092,954
Toilet preparations ..	82	5,752,312	1,023	1,198,443	2,639,452	6,621,920
Inks .....	32	2,995,002	544	958,264	1,443,492	3,437,703
Hardwood distillation.	5	1,552,756	179	146,541	415,873	757,673
Adhesives .....	19	2,720,122	425	515,076	906,991	2,057,280
Polishes and dressings	51	2,460,591	467	552,150	1,351,441	2,967,546
Miscellaneous .....	147	25,114,095	4,197	5,409,435	10,020,750	25,506,933
TOTAL .....	797	170,673,035	22,238	31,233,609	64,317,606	157,407,059

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS  
IN CANADA, BY PROVINCES, 1938 and 1939

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>1938</u>						
Nova Scotia and Prince Edward Island	14	2,266,874	286	333,711	1,438,705	2,518,550
New Brunswick .....	7	1,613,371	153	217,937	1,365,043	1,891,048
Quebec .....	243	57,334,597	7,947	10,110,553	13,042,543	44,675,929
Ontario .....	412	79,390,812	11,418	16,100,275	33,666,397	82,195,824
Manitoba .....	40	4,773,005	640	774,985	1,913,353	4,221,933
Saskatchewan .....	8	484,596	71	88,088	127,325	308,192
Alberta .....	17	503,283	97	94,939	236,629	641,964
British Columbia ....	49	14,400,048	1,284	1,849,949	3,924,102	9,635,322
<b>CANADA .....</b>	<b>790</b>	<b>161,266,586</b>	<b>21,896</b>	<b>29,570,517</b>	<b>60,714,102</b>	<b>146,139,312</b>
<u>1939</u>						
Nova Scotia and Prince Edward Island	14	2,560,778	306	358,193	1,459,951	2,501,268
New Brunswick .....	7	1,716,902	172	237,213	1,409,710	2,270,534
Quebec .....	246	60,396,525	8,211	10,801,387	19,743,766	47,590,580
Ontario .....	420	85,132,266	11,534	16,885,158	35,365,413	89,227,731
Manitoba .....	38	4,903,173	622	772,308	2,043,295	4,390,050
Saskatchewan .....	7	502,427	67	104,589	152,452	332,858
Alberta .....	18	637,903	103	110,798	226,288	642,993
British Columbia ....	47	14,823,061	1,273	2,018,958	3,911,731	10,451,045
<b>CANADA .....</b>	<b>797</b>	<b>170,673,035</b>	<b>22,288</b>	<b>31,288,609</b>	<b>64,317,606</b>	<b>157,407,059</b>

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