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DOMINION BUREAU OF STATISTICS - CANADA.
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PRELIMINARY SUMMARY REPORT ON CHEMICALS AND ALLIED PRODUCTS
IN CANADA - 1927.

An increase of 4.08 million dollars in the value of chemicals and allied products made in Canada in 1927 over the total for 1926, is shown in the preliminary report on the industry, prepared in the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics. At \$126,668,773, the 1927 production value of chemicals and allied products surpassed all previous years, since the close of the great war. Employing on the average 14,405 people, and paying \$18,585,897 in salaries and wages, the 560 plants in the industry represented a capital investment in money, lands and plant, amounting to \$134,550,473. Raw materials at a delivered cost of \$63,512,487 were converted into products of the industry worth \$126,668,773, so that the value added in manufacturing amounted to \$63,156,286. This was a new record for this item, marking an advance of more than \$600,000 over the previous high mark established in 1926.

With only one exception, the industries in the chemical and allied products group reported higher total output values in 1927 than in 1926. Production from the acids, alkalies, salts and compressed gases industry which is the most important of the group, amounted to \$30,679,260, an increase of \$446,938 over the total in 1926; paints, pigments and varnishes gained more than half a million dollars to \$25,360,687; soaps, washing compounds and toilet preparations also advanced more than half a million dollars to \$19,611,177; medicinal and pharmaceutical preparations sold for \$16,059,625 as against \$15,382,475 in the preceding year; the miscellaneous chemical industry showed an output value of \$11,921,542 or slightly more than in the preceding year; coal tar and its products gained three-quarters of a million dollars to a total of \$3,754,235; inks, dyes and colours showed further improvement and production was valued at \$3,144,275; the output value of the fertilizer industry showed some improvement at \$1,623,189; explosives, ammunition, fireworks and matches at \$12,921,079 marked an advance of more than three-quarters of a million dollars in this industry; the one exception in a long list of industries showing improvement was the wood

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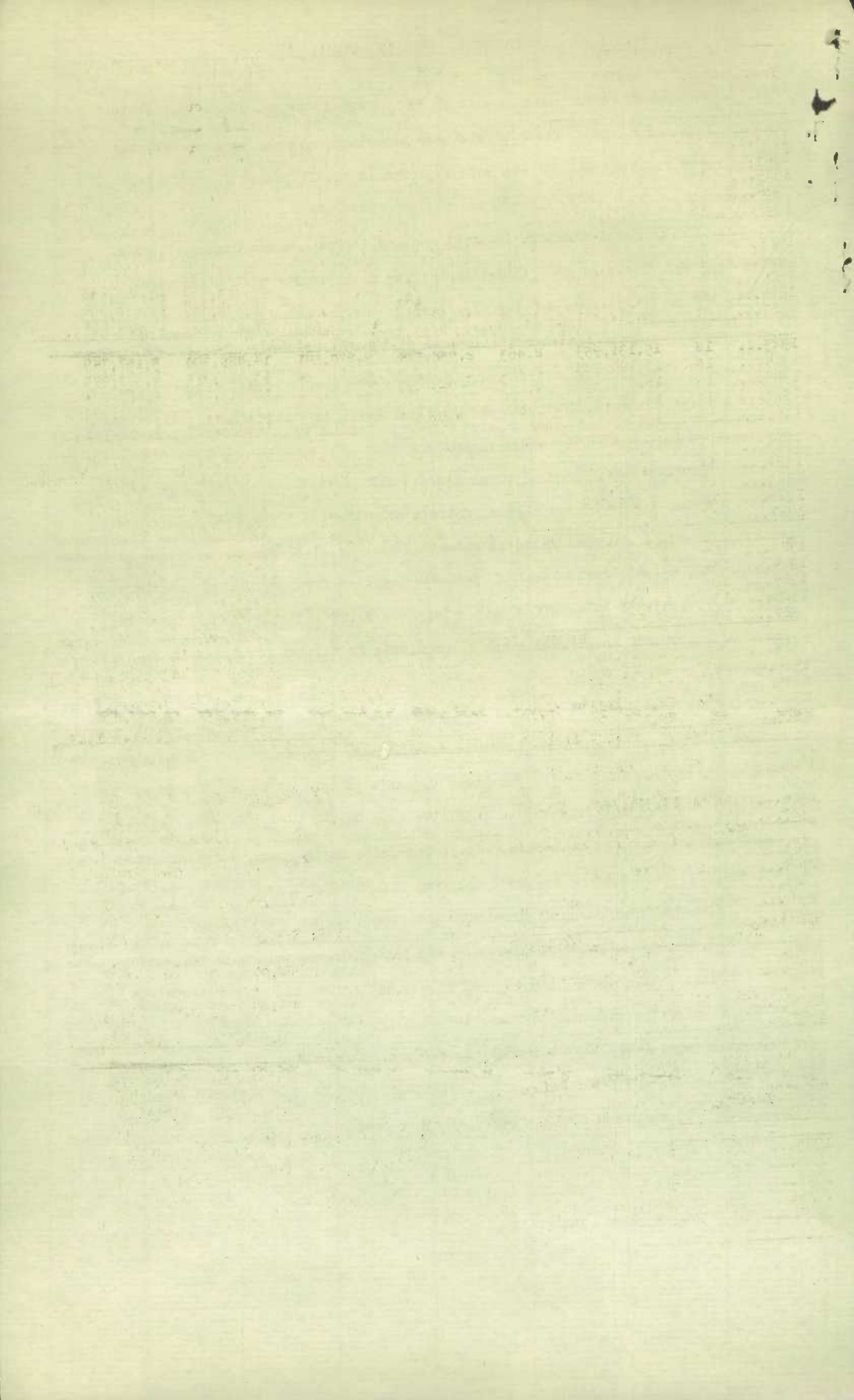
distillates and extracts industry with an output of \$1,587,704 or slightly less than in 1926. Two new charcoal plants were established in the wood distillates and extracts industry and 291 men were employed in the 11 plants classified in this group.

The chemical industry is still centred in Ontario and Quebec. In 1927 there were 297 plants located in Ontario having an aggregate production worth \$73,959,168 or 2.6 million dollars more than in the preceding year while in Quebec there were 171 plants with an output valued at \$39,307,203 or about a million dollars more than the value of the output from chemical plants in this province in 1926. British Columbia, Manitoba, Nova Scotia, New Brunswick, Alberta and Saskatchewan followed in the order named.

Imports into Canada of chemicals and allied products in 1927 were valued at \$33,313,500, a gain of two million dollars over the total for 1926. Purchases in this class from the United States showed an advance of nearly two millions to a total of \$22,022,946, while chemical products imported from the United Kingdom were worth only \$4,347,931 as compared with a total of \$5,022,633 in the next preceding year. Canada bought \$6,942,623 worth of chemicals from other countries in 1927 as against \$6,170,551 in 1926.

Chief among the other countries as a source of chemical supplies for Canada were Germany and France. Imports of chemicals from Germany were valued at \$3,063,050; from France, \$1,162,758. In the same year Canada's imports of chemical products from the Netherlands amounted in value to \$632,614; from Chile, \$473,154; from Argentina (tanning extracts such as quebracho, etc.), \$436,628; Switzerland, \$264,741; from Japan, \$92,307; from Norway, \$92,032; and from Italy, \$82,072.

Exports from Canada of chemicals and allied products during 1927 had a value of \$17,854,915 comprising exports to the United States valued at \$8,834,844 and to the United Kingdom, \$3,926,063 and \$1,676,417 to Mexico. Other countries to which Canada exported chemical products in quantity, were: Japan, \$595,500; Portuguese Africa, \$481,012; Newfoundland, \$477,751; Cuba, \$260,774; Australia, \$195,868; Belgium, \$135,442; New Zealand, \$121,400. Canada also exported chemical products in less amount to about a score of other countries.



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CHEMICALS AND ALLIED PRODUCTS IN CANADA, 1923-1927.

Year	No. of Plants	Capital Employed \$	No. of Employees	Salaries and Wages \$	Cost of Materials \$	Selling Value of Products \$	Value added by manufacturing \$
COAL TAR AND ITS PRODUCTS							
1923...	14	3,205,780	239	334,965	1,381,724	3,166,100	1,784,376
1924...	14	3,099,995	208	280,728	1,137,497	2,637,573	1,500,076
1925...	15	3,281,332	190	275,416	1,418,892	2,622,821	1,203,929
1926...	15	4,147,163	183	257,305	1,859,879	3,088,053	1,228,174
1927...	16	4,251,271	213	301,789	2,346,961	3,754,235	1,407,274
ACIDS, ALKALIES, SALTS AND COMPRESSED GASES							
1923...	47	36,436,315	2,788	3,780,443	11,636,321	23,912,992	12,276,671
1924...	41	34,298,071	2,413	3,469,320	11,616,643	26,241,722	14,625,079
1925...	40	35,656,528	2,409	3,474,290	12,843,256	27,483,395	14,640,139
1926...	43	38,389,663	2,400	3,597,473	13,360,268	30,232,322	16,872,054
1927...	41	35,312,251	2,185	3,463,061	15,655,643	30,679,260	15,023,617
EXPLOSIVES, AMMUNITION, FIREWORKS AND MATCHES							
1923...	18	15,131,953	2,463	2,538,874	9,270,641	14,428,390	5,157,749
1924...	18	17,184,725	2,350	2,489,248	8,787,392	13,310,315	4,522,923
1925...	15	16,827,321	2,249	2,322,049	6,848,921	12,313,155	5,464,234
1926...	14	16,857,120	2,109	2,243,455	6,827,317	12,155,220	5,327,903
1927...	16	18,328,869	1,946	1,926,852	6,871,855	12,921,079	6,049,224
FERTILIZERS							
1923...	18	3,616,001	329	310,441	831,470	1,487,244	655,774
1924...	14	2,072,488	166	159,310	730,158	1,277,145	546,987
1925...	13	2,095,608	201	205,173	1,045,294	1,437,787	392,493
1926...	12	1,891,054	221	210,427	1,047,641	1,449,589	401,948
1927...	12	1,930,292	226	212,060	1,131,756	1,629,189	497,433
MEDICINAL AND PHARMACEUTICAL PREPARATIONS							
1923...	104	14,655,699	2,271	2,667,741	4,474,487	12,256,608	7,782,121
1924...	104	15,156,479	2,193	2,666,997	4,895,352	13,350,347	8,454,995
1925...	120	16,037,286	2,273	2,892,975	4,798,120	13,987,849	9,189,729
1926...	130	17,194,519	2,365	2,875,677	5,552,699	15,382,475	9,829,776
1927...	135	17,456,923	2,531	3,125,831	5,752,837	16,059,625	10,306,788
PAINTS, PIGMENTS AND VARNISHES							
1923...	57	20,806,909	2,591	3,665,823	10,754,273	21,553,158	10,798,885
1924...	55	20,587,856	2,287	3,044,228	11,674,837	20,200,824	8,525,987
1925...	62	21,460,431	2,355	3,093,191	12,613,995	22,234,268	9,620,273
1926...	64	22,890,807	2,484	3,375,961	13,105,367	24,803,237	11,697,870
1927...	62	23,168,070	2,574	3,568,069	13,048,952	25,360,687	12,311,735
SOAPS, WASHING COMPOUNDS AND TOILET PREPARATIONS							
1923...	70	15,668,592	2,082	2,459,655	9,400,752	17,388,506	8,508,259
1924...	66	16,731,558	2,050	2,618,507	10,093,741	17,388,506	7,294,765
1925...	88	17,351,378	2,068	2,589,460	10,959,995	19,072,528	8,112,533
1926...	108	19,375,731	2,122	2,680,315	11,272,670	19,611,177	8,338,507
INKS, DYES AND COLOURS							
1923...	26	2,252,370	415	659,336	1,141,102	2,876,347	1,735,245
1924...	24	2,391,859	377	632,607	942,325	2,656,400	1,714,075
1925...	27	2,669,720	403	677,077	968,830	2,749,807	1,780,977
1926...	27	2,729,166	441	728,273	1,069,957	2,819,945	1,749,988
1927...	28	2,857,823	439	724,214	1,163,639	3,144,275	1,980,636
WOOD DISTILLATES AND EXTRACTS							
1923...	9	2,814,045	344	332,026	976,621	2,743,295	1,766,674
1924...	12	2,784,681	367	384,050	1,055,658	2,283,422	1,227,764
1925...	10	2,287,109	309	238,848	847,663	1,989,996	1,142,333
1926...	9	2,217,049	255	214,694	827,575	1,737,993	907,413
1927...	11	1,907,514	291	254,766	865,081	1,587,704	722,623
MISCELLANEOUS CHEMICAL INDUSTRIES							
1923...	112	10,691,455	1,800	2,091,252	4,770,671	10,911,011	6,140,340
1924...	109	9,279,747	1,707	2,018,587	4,689,966	10,294,171	5,604,205
1925...	120	9,436,455	1,689	2,089,911	4,820,507	10,699,162	5,878,655
1926...	134	9,739,972	1,819	2,216,652	5,513,884	11,851,164	6,337,280
1927...	128	9,961,729	1,878	2,328,940	5,403,093	11,921,542	6,518,449
TOTAL CHEMICALS AND ALLIED PRODUCTS							
1923...	475	125,279,119	15,322	18,890,556	54,638,062	111,244,156	56,606,094
1924...	457	123,222,970	13,972	17,504,135	54,311,913	108,217,237	53,905,324
1925...	510	126,483,348	14,128	17,887,437	56,299,219	112,906,746	56,607,527
1926...	556	133,407,891	14,345	18,309,377	60,124,582	122,589,526	62,464,944
1927...	560	134,550,473	14,405	18,585,897	63,512,487	126,668,773	63,156,286

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