

DOMINION BUREAU OF STATISTICS

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LIBRARYCHEMICALS AND ALLIED PRODUCTSPRELIMINARY SUMMARY STATISTICS - 1954

Value of factory shipments reported by the industries in the Chemical and Allied Products group amounted to \$921.1 millions in 1954 compared with \$881.5 millions in 1953, an increase of about 4.5 per cent. This percentage increase was a continuation of the trend which has been a feature of this group of industries during the post-war period and was in direct contrast with that for all manufacturing which registered a decline in 1954.

The output value for chemicals and allied products has more than doubled during the post-war period and is more than five times the value recorded for the best pre-war year. In 1939 the production was \$160 millions, in 1946 it was \$376 millions and in 1954 it was \$921 millions.

Higher output values were reported in 1954 by 10 industries in this group, while 4 industries suffered declines in output value. The percentage changes were as follows: coal tar distillation, -5.6; heavy chemicals, +12.6; compressed gases, +2.8; fertilizers, -7.1; medicinals, +0.6; paints, -3.1; soaps, +3.3; toilet preparations, +6.9; inks, +3.2; vegetable oils, -5.9; adhesives, +5.8; polishes, +3.5; primary plastics, +13.2; miscellaneous, +13.1.

In 1954 the 1,095 operating establishments in these industries employed about 51,000 persons whose salaries and wages for the year aggregated \$175 millions. Materials for use in manufacturing cost \$430 millions and fuel and electric power cost \$32 millions. Production was concentrated in Ontario and Quebec. The former province, with 542 establishments and output valued at \$506 millions, accounted for 55 per cent of the Canada total and Quebec, with 357 establishments and output at \$310 millions, accounted for 34 per cent.

Despite greater and more varied production in Canada, the imports of chemicals and allied products continued to account for a substantial part of the total supply. However, the value of imports in 1954, amounting to about \$220 millions, was a little lower than the \$222 millions imported in 1953. Purchases from the United States, amounting to \$190 millions, represented 86 per cent of the total. Supplies from the United Kingdom were valued at \$19 millions or 9 per cent of the total while purchases from other countries totalled \$11 millions or 5 per cent. Imports of drugs and medicinals were valued at \$25 millions, paints and pigments at \$20 millions, fertilizers at \$12 millions, dyeing and tanning materials at \$10 millions, acids at \$6 millions, explosives at \$2 millions, soaps and toilet preparations at \$1 million and miscellaneous chemicals, at \$144 millions.

Exports increased about 17 per cent to \$161 millions with about 53 per cent or \$86 millions going to the United States, 10 per cent or \$16 millions to the United Kingdom, and 37 per cent or \$59 millions to other countries. Fertilizers at \$42 millions accounted for about one-quarter of the total exports.

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Table 1 - Principal Statistics for the Manufacture of Chemicals and Allied Products, by Industries, 1953 and 1954

Industry	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Value of factory shipments
				(000's of dollars)		
<u>1953 (Final)</u>						
Coal tar distillation	11	541	1,861	755	7,551	13,635
Heavy chemicals	41	8,278	31,174	13,264	43,083	127,300
Compressed gases	45	1,226	4,047	491	2,240	15,712
Fertilizers	40	3,199	11,512	1,949	39,311	84,354
Medicinals and pharmaceuticals..	217	7,492	21,759	822	30,716	93,557
Paints and varnishes	122	5,887	19,238	756	55,144	113,248
Soaps and washing compounds	142	3,824	13,126	1,194	38,323	89,249
Toilet preparations.....	94	1,955	4,649	122	11,309	30,438
Inks	33	891	2,891	108	5,193	12,823
Vegetable oils	13	675	2,346	492	43,992	50,843
Adhesives	29	707	2,145	403	6,491	12,082
Polishes and dressings	49	845	2,402	95	7,795	17,230
Plastics (primary only)	19	2,160	7,916	905	24,493	44,542
Miscellaneous*	251	12,527	39,525	8,185	88,125	176,490
TOTAL	1,105	50,207	164,591	29,541	403,686	831,503
<u>1954 (Preliminary)</u>						
Coal tar distillation	11	516	1,856	708	7,346	12,876
Heavy chemicals	43	8,403	33,243	13,107	53,060	143,343
Compressed gases	46	1,236	4,159	526	2,751	16,146
Fertilizers	39	3,058	11,619	3,145	40,770	78,391
Medicinals and pharmaceuticals..	209	7,400	22,555	847	30,462	94,150
Paints and varnishes	124	5,780	19,291	811	54,931	109,791
Soaps and washing compounds	136	3,803	13,563	1,242	40,849	92,208
Toilet preparations	92	2,007	4,887	117	10,558	32,531
Inks	33	975	3,113	114	5,161	13,239
Vegetable oils	12	678	2,368	554	40,613	47,819
Adhesives	28	611	1,957	393	6,350	12,779
Polishes and dressings	51	861	2,615	102	7,962	17,831
Plastics (primary only)	21	2,606	10,002	1,257	28,356	50,431
Miscellaneous*	250	13,215	43,647	8,814	100,738	199,568
TOTAL	1,095	51,149	174,875	31,737	429,907	921,103

* . Includes explosives, hardwood distillation, insecticides, matches, dry colours, etc.

Table 2 - Principal Statistics for the Manufacture of Chemicals and Allied Products, by Provinces, 1953 and 1954

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Value of factory shipments
				(000's of dollars)		
<u>1953 (Final)</u>						
Newfoundland	6	71	224	18	641	1,294
Prince Edward Island and Nova Scotia	18	334	917	156	4,112	7,587
New Brunswick	7	157	467	60	3,927	5,766
Quebec	368	20,649	65,535	8,094	134,027	281,016
Ontario	539	24,587	82,619	19,455	225,308	497,732
Manitoba	41	701	1,756	142	6,894	12,959
Saskatchewan	8	172	625	31	1,156	2,076
Alberta	27	1,077	3,834	1,163	4,977	14,582
British Columbia and Northwest Territories	91	2,459	8,614	422	22,644	58,491
CANADA	1,105	50,207	164,591	29,541	403,686	881,503
<u>1954 (Preliminary)</u>						
Newfoundland	6	78	220	17	615	1,296
Prince Edward Island and Nova Scotia	17	326	925	137	4,121	7,214
New Brunswick	7	147	430	62	2,809	4,014
Quebec	357	21,258	70,508	9,007	145,635	310,178
Ontario	542	24,777	86,327	19,281	235,483	505,726
Manitoba	41	708	1,890	161	6,631	12,640
Saskatchewan	8	195	691	39	2,328	3,246
Alberta	30	1,316	4,833	1,450	6,833	18,889
British Columbia and Northwest Territories	87	2,364	9,051	1,583	25,452	57,900
CANADA	1,095	51,149	174,875	31,737	429,907	921,103

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