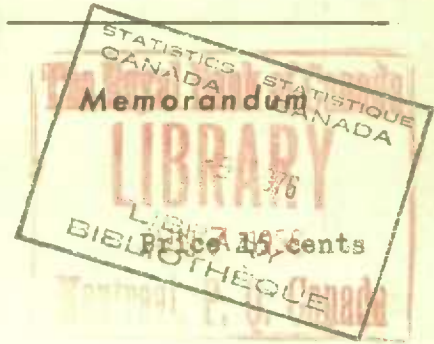


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CHEMICALS AND ALLIED PRODUCTS

PRELIMINARY SUMMARY STATISTICS - 1955

The Chemicals and Allied Products Industries pushed beyond the billion dollar mark for the first time in 1955 to reach an all time high of \$1,050 millions in value of factory shipments, an increase of about 12 per cent over the \$936 millions reported in 1954.

Within the chemicals group, nearly all industries made a positive contribution to the record total in the value of factory shipments by registering increases over the 1954 marks. One of the two exceptions, the adhesives industry, recorded a decline which, however, was due for the most part to a reclassification of firms to other industries. The vegetable oils industry was the other industry which showed a decline in 1955 from 1954. The percentage increases, by industries, were as follows: coal tar distillation, no change; heavy chemicals, 23.5; compressed gases, 12.0; fertilizers, 19.0; medicinals, 7.7; paints, 11.7; soaps, 8.5; toilet preparations, 13.0; inks, 10.0; polishes, 10.3; primary plastics, 28.2; miscellaneous, 8.1. Declines of 4.4 per cent and 16.3 per cent were recorded by the vegetable oils and adhesives industries respectively.

In 1955 the 1,112 operating establishments employed about 51,500 persons who were paid \$184 millions in salaries and wages. Materials for use in manufacturing cost \$482 millions and fuel and electricity cost about \$33 millions.

The rising tempo of economic activity in 1955 was accompanied by a substantial increase in imports of chemicals and allied products. As has been historically the case, the United States continued to supply the bulk of the demand for these products and in 1955 it accounted for 85.4 per cent of the \$260.5 millions total. The corresponding figures for 1954 were 86.4 per cent of the \$220.4 millions total. At the same time Canada exported chemicals to the amount of \$210 millions, an increase of almost \$50 millions over the total of \$161 millions in 1954. The United States was the best customer accounting for 53.2 per cent of the total.

Chemical producers indicated their intention to spend \$165 millions during the course of 1956 for new equipment in the form of plants and machinery. This is about 2½ times the total spent in 1955 and in magnitude represents an amount only slightly lower than the combined total of \$177 millions spent in the ten year period ending in 1949. The era of chemical expansion in Canada is, apparently, not yet over, the huge programme planned for 1956 augurs well for a continued record output. *and*

Chemicals

Table 1 - Principal Statistics for the Chemicals and Allied Products Group, Significant Years 1920-1955, and by Industries, 1954 and 1955

Year and industry	Estab- lishments	Employees	Earnings	Cost of fuel and electricity at plant	Cost at plant of materials used	Gross selling value of products*
	No.	No.	(000's of dollars)	(000's of dollars)	(000's of dollars)	(000's of dollars)
1920	451	16,651	20,695	3,259	58,550	117,831
1925	510	14,128	17,887	3,274	42,855	99,393
1929	557	16,694	22,639	4,575	55,184	138,545
1933	696	15,397	18,739	3,155	34,272	92,821
1937	754	21,968	28,613	5,222	64,461	148,973
1939	808	22,595	31,568	5,259	65,231	159,537
1943	945	92,288	146,677	17,653	368,111	765,218
1946	1,021	37,378	66,538	13,340	159,308	376,288
1949	1,037	41,328	100,691	19,218	280,009	587,398
1950	1,033	41,475	106,794	21,998	307,706	646,871
1951	1,037	45,664	131,310	25,506	366,958	776,489
1952	1,075	47,694	148,076	24,656	357,818	796,562
1953	1,105	50,207	164,591	29,541	403,686	881,503
<u>1954 (Final)</u>						
Coal tar distillation	11	544	2,102	656	7,418	12,878
Heavy chemicals	43	8,408	33,426	13,358	49,400	142,002
Compressed gases	46	1,305	4,355	513	2,623	15,873
Fertilizers	38	3,049	11,603	2,992	41,275	78,149
Medicinals and pharmaceuticals	216	7,380	22,648	865	31,257	97,396
Paints and varnishes	124	5,719	19,625	831	55,061	107,727
Soaps and washing compounds ..	141	3,756	13,562	1,250	41,125	92,526
Toilet preparations	94	2,048	5,147	120	12,197	31,943
Inks	33	964	3,167	115	5,145	13,397
Vegetable oils	12	668	2,462	629	45,088	53,121
Adhesives	28	621	1,987	368	6,214	12,773
Polishes and dressings	50	850	2,587	103	7,884	17,718
Plastics (primary only)	22	2,808	11,191	1,686	30,974	58,882
Miscellaneous**	258	13,483	43,449	8,727	101,390	201,340
TOTAL	1,116	51,603	177,312	32,213	437,051	935,725
<u>1955 (Preliminary)</u>						
Coal tar distillation	11	532	2,081	659	7,898	12,832
Heavy chemicals	46	8,642	36,113	15,406	62,461	175,307
Compressed gases	47	1,390	4,751	575	2,841	17,780
Fertilizers	39	2,947	11,569	2,634	42,481	92,968
Medicinals and pharmaceuticals	208	7,494	23,281	788	33,072	104,898
Paints and varnishes	123	5,975	20,989	859	61,595	120,282
Soaps and washing compounds ..	137	3,770	13,891	1,290	44,371	100,379
Toilet preparations	96	2,145	5,635	133	13,625	36,090
Inks	35	960	3,309	124	5,927	14,729
Vegetable oils	12	683	2,512	695	42,325	50,770
Adhesives	30	572	1,922	367	4,986	10,691
Polishes and dressings	45	757	2,567	97	8,704	19,551
Plastics (primary only)	23	2,920	12,376	1,501	39,333	75,501
Miscellaneous**	260	12,671	43,538	8,218	112,260	217,670
TOTAL	1,112	51,463	184,534	33,346	481,879	1,049,448

* - Factory shipments for 1952 and subsequent years.

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

Table 2 - Principal Statistics for the Chemicals and Allied Products Group, by Provinces, 1954 and 1955

Province	Estab- lishments	Employees	Earnings	Cost of fuel and electricity at plant	Cost at plant of materials used	Gross selling value of products
	No.	No.		(000's of dollars)		
<u>1954 (Final)</u>						
Newfoundland	6	78	215	17	616	1,289
Prince Edward Island and Nova Scotia	18	317	892	126	3,974	6,944
New Brunswick	7	147	429	61	2,810	4,015
Quebec	367	21,647	71,384	9,088	144,826	311,816
Ontario	550	24,725	86,759	19,285	239,579	513,633
Manitoba	41	698	1,890	160	6,630	11,934
Saskatchewan	9	199	698	40	2,217	3,257
Alberta	31	1,427	6,018	1,900	10,089	25,923
British Columbia and Northwest Territories ...	87	2,365	9,027	1,536	26,310	56,914
CANADA	1,116	51,603	177,312	32,213	437,051	935,725
<u>1955 (Preliminary)</u>						
Newfoundland	5	79	226	18	740	1,409
Prince Edward Island and Nova Scotia	18	347	930	121	4,045	6,939
New Brunswick	7	129	439	63	3,221	4,490
Quebec	362	21,135	74,333	9,078	162,096	342,197
Ontario	549	24,842	89,668	20,394	265,110	575,264
Manitoba	39	721	1,936	161	6,902	12,311
Saskatchewan	11	202	749	25	2,056	3,206
Alberta	29	1,518	6,719	2,367	12,458	36,944
British Columbia and Northwest Territories ...	92	2,490	9,434	1,119	25,251	66,688
CANADA	1,112	51,463	184,434	33,346	481,879	1,049,448

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