



Annual

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LIBRARYCHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES  
(formerly "Chemicals and Allied Products")Preliminary Summary Statistics - 1960

Data for 1960 presented in this report reflect implementation of the revised Standard Industrial Classification (SIC) which is being used by the Dominion Bureau of Statistics in its compilation of 1960 industry statistics. The revised classification provides for a breakdown of the Chemical group into 10 separate industries under the new title of Chemical and Chemical Products Industries. The latter generally corresponds to the group formerly presented as Chemical and Allied Products with the one exception of the Vegetable Oils Industry which was transferred out of the chemical group to the Foods and Beverage Industries group in the revised Standard Industrial Classification (SIC). Of course, implementation of the new classification introduced, as well, a number of intra-industry changes within the group. These are detailed out in footnote A below.

Factory shipments reported by the Chemical and Chemical Products Industries group in 1960 were valued at \$1,351.3 millions, an increase of about \$30.7 millions or about 2 per cent over the comparable 1959 total of \$1,320.6 millions (the latter being adjusted to a basis comparable to 1960 by the deletion of the Vegetable Oils Industry).

In 1960, there were 1,137 operating establishments in this group and they employed 53,816 persons who were paid \$252.3 millions in salaries and wages. Materials for use in manufacturing cost \$571.1 millions and fuel and electricity cost \$54.6 millions.

Imports of Chemicals and Allied Products totalled \$338.6 millions during 1960 compared with \$326.9 millions in the previous year. Exports during 1960 totalled \$237.7 millions compared with \$201.7 in 1959.

Note:

A. Attention is drawn to the fact that the 1960 compilations as presented in this report are on the basis of the revised Standard Industrial Classification (SIC). On this account, totals as shown for 1960 are not exactly comparable with those shown for this group in earlier years. Some of the significant changes are as follows:

1. Transfer of the Vegetable Oils Industry to the Foods and Beverage Industries group.

Industry and Merchandising Division

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2. Transfer of firms manufacturing fertilizer materials such as ammonium nitrate, ammonium phosphate, etc., from the Fertilizers Industry (old basis) to the new SIC industry, Manufacturers of Industrial Chemicals. Manufacturers of superphosphate will continue to be classified to the new SIC industry, Manufacturers of Mixed Fertilizers along with firms manufacturing mixed fertilizers.
3. The abolition of the Coal Tar Distillation Industry, the Compressed Gases Industry, Adhesives Industry and Polishes and Dressing Industry as separate industries. Details formerly presented for the Compressed Gases Industry will now be included as part of the new SIC industry, Manufacturers of Industrial Chemicals. The other industries mentioned in this paragraph will be included in the new SIC industry, Other Chemical Industries, N.E.S.
4. Details relating to the manufacture of writing inks will now be included as part of the new SIC industry, Other Chemical Industries, N.E.S.; however, printing inks will be covered separately in a new SIC sub-division, Manufacturers of Printing Inks.
5. Statistics relating to the manufacture of synthetic rubber previously included in the Miscellaneous Chemical Products Industry (old basis) will now be included in the new SIC industry, Manufacturers of Industrial Chemicals.
6. Details relating to the manufacture of explosives, previously presented along with the Miscellaneous Chemical Products Industry (old basis) will now be shown separately in a new SIC industry, Explosives and Ammunition Manufacturers.
7. Changes in the following industries resulting from the implementation of the new SIC may be generally considered as minimal. Manufacturers of Pharmaceutical and Medicines (formerly the Medicinal and Pharmaceutical Preparations Industry); Paint and Varnish Manufacturers (formerly the Paints, Varnishes and Lacquers Industry); Manufacturers of Soap and Cleaning Compounds (formerly the Soaps, Washing Compounds and Cleaning Preparations Industry); Manufacturers of Toilet Preparations (formerly the Toilet Preparations Industry).

B. Industry bulletins carrying final figures for 1960 which will be available later will present 1957, 1958 and 1959 data re-compiled on the revised SIC basis for purposes of comparability.



Table 1 - Principal Statistics for the Chemicals and Allied Products Group, Significant Years 1920-1960 and by Industries, 1959 and 1960

Year and industry	Estab- lish- ments	Employ- ees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Gross selling value of products
	No.	No.		(000's of dollars)		
1920 .....	451	16,651	20,695	3,259	58,550	117,831
1925 .....	510	14,123	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
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
1954 .....	1,116	51,603	177,312	32,213	437,051	935,725
1955 .....	1,126	51,856	185,268	33,086	480,104	1,044,079
1956 .....	1,131	52,821	200,743	36,639	527,564	1,111,233
1957 .....	1,137	54,708	222,044	42,102	565,746	1,203,411
1958 .....	1,143	54,570	233,819	47,837	589,316	1,293,332

1959 (Final)

Coal Tar Distillation .....	8	491	2,752	748	7,647	13,267
Heavy Chemicals .....	57	10,452	53,528	27,986	127,362	297,482
Compressed Gases .....	57	1,504	6,658	987	4,537	27,076
Fertilizers .....	45	3,001	13,805	3,355	50,470	96,278
Medicinals and Pharmaceuticals .....	188	8,146	31,134	1,075	48,511	164,733
Paints and Varnishes .....	134	6,340	26,624	986	72,960	148,619
Soaps and Washing Compounds .....	134	4,029	18,372	1,482	57,141	137,078
Toilet Preparations .....	82	2,605	8,250	202	19,949	54,537
Inks .....	44	1,067	4,457	180	8,548	19,476
Vegetable Oils .....	10	625	2,853	845	46,989	57,677
Adhesives .....	31	629	2,684	370	7,598	14,639
Polishes and Dressings .....	42	832	3,466	147	10,923	24,724
Plastics (primary only) .....	34	3,469	17,080	3,330	57,803	103,539
Miscellaneous Chemicals including Explosives .....	271	11,592	51,555	8,899	106,928	219,086
TOTAL .....	1,137	54,782	243,218	50,592	627,366	1,378,211

1960 (Preliminary)

Explosives and Ammunition Manufacturers	13	5,237	23,300	1,530	27,507	67,022
Manufacturers of Mixed Fertilizers ....	42	1,226	5,567	478	32,684	45,620
Manufacturers of Plastics and Synthetic Resins .....	33	3,902	20,898	4,816	68,444	128,275
Manufacturers of Pharmaceuticals and Medicines .....	193	7,974	32,328	1,105	45,280	164,879
Paint and Varnish Manufacturers .....	135	5,979	26,858	990	71,125	144,550
Manufacturers of Soap and Cleaning Compounds .....	137	3,882	18,512	1,420	52,828	133,072
Manufacturers of Toilet Preparations .	84	2,670	9,451	225	23,234	69,153
Manufacturers of Industrial Chemicals .	135	16,439	86,752	41,638	172,241	441,831
Manufacturers of Printing Inks .....	33	759	4,167	175	11,382	18,153
Other Chemical Industries, n.e.s. ....	332	5,748	24,509	2,320	66,459	138,818
TOTALS .....	1,137	53,816	252,340	54,698	571,185	1,351,374

Note: See page 1 for explanation of changes in this group for 1960 resulting from implementation of revised Standard Industrial Classification.

Table 2 - Principal Statistics for the Chemicals and Allied Products Group, by Provinces, 1959 and 1960

	Estab- lish- ments	Employ- ees	Salaries and wages	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>1959 (Final)</u>						
Newfoundland .....	5	74	259	23	850	1,796
Prince Edward Island and Nova Scotia ..	18	317	1,081	167	4,439	8,151
New Brunswick .....	8	146	502	68	2,950	4,881
Quebec .....	367	21,291	92,521	13,292	183,845	415,798
Ontario .....	550	27,489	124,769	31,609	373,065	797,209
Manitoba .....	35	740	2,600	203	9,748	18,340
Saskatchewan .....	10	201	960	44	3,280	5,256
Alberta .....	40	1,911	8,940	2,867	20,345	57,545
British Columbia and Northwest Territories .....	104	2,613	11,586	2,318	28,845	69,233
CANADA .....	1,137	54,782	243,218	50,592	627,366	1,378,211
<u>1960 (Preliminary)</u>						
Newfoundland .....	3	69	257	22	782	1,690
Prince Edward Island and Nova Scotia ..	16	266	1,052	174	4,314	8,394
New Brunswick .....	8	132	524	62	3,386	4,803
Quebec .....	369	20,275	93,450	13,730	167,902	407,678
Ontario .....	557	27,818	132,314	34,742	333,284	784,552
Manitoba .....	34	635	2,381	145	7,615	15,369
Saskatchewan .....	10	91	410	41	1,622	3,087
Alberta .....	38	1,923	9,878	3,383	21,113	57,248
British Columbia and Northwest Territories .....	102	2,607	12,073	2,400	31,165	68,553
CANADA .....	1,137	53,816	252,340	54,698	571,185	1,351,374

Note: See page 1 for explanation of changes in this group for 1960 resulting from implementation of revised Standard Industrial Classification.